

## SITRANS Weighfeeders



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## SITRANS Weighfeeders

### Introduction

#### Overview

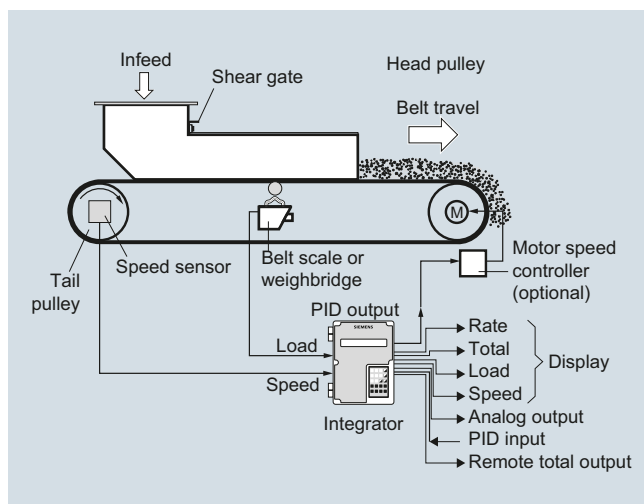
SITRANS weighfeeders from Siemens can improve the accuracy of processing, blend consistencies, accountability, and record keeping. All weighfeeders come standard with a belt weigh bridge and speed sensor. An integrator is required to complete the system.

#### Mode of operation

The weighfeeder is used to deliver an accurate mass flow rate of material. In the majority of applications, material is profiled by an adjustable mechanical shear gate, which fixes the correct material bed depth for a given particle size.

The feed rate is then maintained and adjusted by varying the speed of the belt. However, in some cases the belt speed is constant with rate control (if any) done by a pre-feeding device.

The system consists of three components: weight and speed sensing, integration and control, and the mechanical conveying system. Using the belt load and the belt speed signals, small incremental totals of weight per time are measured by the integrator and then the flow rate is calculated. The measured flowrate is compared against the desired flowrate and the on-board PID controller makes necessary corrections to the belt speed.



Weighfeeder operation

#### Design and Applications

##### SITRANS WW100

The platform weigh bridge mounts directly to a corrosion-resistant platform load cell. The direct load design eliminates all intermediate mechanical suspension and allows material weight to be directly applied to the load cell.

This design minimizes zero drift normally caused by intermediary suspension components and allows for the use of a very sensitive precision platform load cell. Load cell size and construction are chosen for each specific application.

##### SITRANS WW200

A stainless steel platform weighdeck with a Delrin slider bar assembly mounts directly to two corrosion-resistant, sealed platform load cells. The direct load design eliminates all intermediate mechanical suspension and allows material weight to be directly applied to the load cells. The frame of the WW200 is sturdy and rigid, ensuring stable and repeatable results, maximizing resolution and weighing accuracy.

##### SITRANS WW300

SITRANS WW300 suspends a single weigh idler on platform load cells. Its design eliminates all moving parts in the weighing process and subsequent maintenance and replacement problems. There are no links or flexures. Two corrosion-resistant precision strain gauge load cells provide weight sensing signals to an integrator. This design feature minimizes zero drift and maximizes resolution and weighing accuracy.

##### SITRANS WW310

A modular design with external access to all bearings, speed sensors and load cells the WW310 is easy to maintain. Two corrosion resistant single point platform load cells mounted directly to a rugged idler ensure consistent weighing accuracy.

**Technical specifications**

Criteria	SITRANS WW100	SITRANS WW200	SITRANS WW300	SITRANS WW310
<b>Typical industries</b>	Bulk chemicals, tobacco, food, water treatment	Bulk chemicals, tobacco, food, recycling	Cement, mineral processing, coal, mining, pulp and paper	Cement, mineral processing, coal, mining, pulp and paper
<b>Typical applications</b>	High-accuracy, low-capacity for minor ingredient additives	Low- to medium-capacity for minor ingredient additives	Medium- to high-capacity for macro ingredient additives	Medium- to high-capacity for macro ingredient additives
<b>Design rate range</b>	45 kg/h ... 18 t/h (100 lb/h ... 20 STPH)	0.45 ... 100 t/h (1 000 lb/h ... 110 STPH)	4.5 ... 800 t/h (5 ... 880 STPH)	4.5 ... 270 t/h (5 ... 300 STPH)
<b>Belt speed</b>	0.005 ... 0.36 m/s (1 ... 70 fpm)	0.005 ... 0.36 m/s (1 ... 70 fpm)	0.005 ... 0.36 m/s (1 ... 70 fpm)	0.005 ... 0.36 m/s (1 ... 70 fpm)
<b>Accuracy<sup>1)</sup></b>	± 0.25 ... 0.5 %	± 0.5 % or better	± 0.5 % or better	± 0.5 % or better
<b>Specified range</b>	10 ... 100 % based on speed	10 ... 100 % based on speed	10 ... 100 % based on speed	10 ... 100 % based on speed
<b>Sensing element</b>	Long length platform weigh bridge Single load cell	Platform weigh bridge Dual load cells	Single idler scale Dual load cells	Single idler scale Dual load cells
<b>Approvals</b>	CE, RCM Stainless steel options meet USDA and FDA requirements for food processing	Stainless steel options meet USDA and FDA requirements for food processing		

<sup>1)</sup> Accuracy subject to: On factory approved installations the weigh feeder system's totalized weight will be within the specified accuracy when compared to a known weighed material test sample.  
 The test rate must be within the specified range of the design capacity and held constant for the duration of the test.  
 The minimum material test sample must be equivalent to a sample obtained at the test flow rate for three revolutions of the belt or at least ten minutes running time, whichever is greater.

## SITRANS Weighfeeders

## Introduction

## Application

## SIEMENS

## Weighfeeder Application Questionnaire

## Customer information

Contact: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Company: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Notes on the Application: \_\_\_\_\_

City: \_\_\_\_\_ Country: \_\_\_\_\_

State/Province: \_\_\_\_\_ Zip/Postal Code: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_

E-mail: \_\_\_\_\_

## Material

Material being measured: \_\_\_\_\_ Particle size: \_\_\_\_\_ mm/inch/mesh

Bulk density: \_\_\_\_\_ Kg/m<sup>3</sup> or lb/cu. ft. or t/m<sup>3</sup> Moisture content: \_\_\_\_\_ %

Temperature: \_\_\_\_\_ °C/°F Angle of repose: \_\_\_\_\_ degrees Surcharge angle: \_\_\_\_\_ degrees

Material characteristics: ☐ sticky ☐ powder ☐ corrosive ☐ highly abrasive ☐ fluidizes

## Pre-feed

(Supply sketch where possible)

☐ Sketch attachedApplication: ☐ Load, speed, rate, and total ☐ Batch Control ☐ Ratio controlled blendingFeed type: ☐ Rotary valve ☐ Belt ☐ Screw ☐ Vibratory pan ☐ Bin, hopper, or silo ☐ OtherHopper size: \_\_\_\_\_ ft<sup>3</sup>/m<sup>3</sup> ☐ Continuous conveying ☐ Discontinuous conveying

Feed rate: \_\_\_\_\_ t/hr, kg/hr, lb/hr, LTPH, or STPH \_\_\_\_\_ min. \_\_\_\_\_ max. \_\_\_\_\_ nominal

Accuracy required: +/- \_\_\_\_\_ % Hazardous classification at scale location: \_\_\_\_\_

Condition of operating environment: ☐ Wash down ☐ Sanitary ☐ Corrosive ☐ Normal

Duty cycle: \_\_\_\_\_ hours per day Material free fall height onto belt: \_\_\_\_\_

## Weighfeeder

Space limitations: length: \_\_\_\_\_ width: \_\_\_\_\_ height: \_\_\_\_\_ mm/inch Requested belt width: \_\_\_\_\_ mm/inch

Construction: ☐ open ☐ enclosed Quantity required: \_\_\_\_\_ Access side looking in direction of belt travel: ☐ left ☐ rightInlet dimensions: L x W: \_\_\_\_\_ mm/inch Centerline length: \_\_\_\_\_ mm/inch  
inlet to discharge

## Installation

(indicate all that apply)

Power available for motor: \_\_\_\_\_ volts \_\_\_\_\_ Hz

## Inputs required:

☐ 4 ... 20 mA☐ PID

## Outputs required:

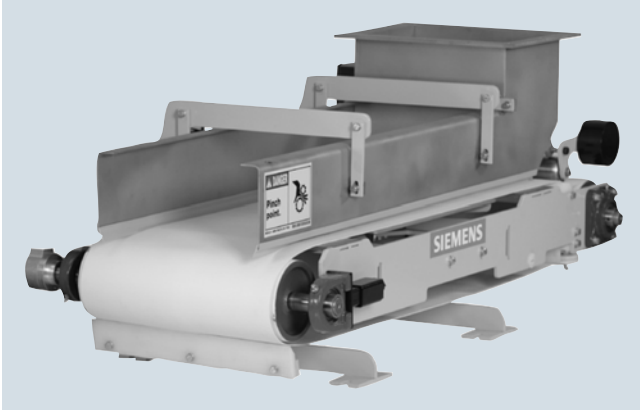
☐ 4 ... 20 mA ☐ Relays (#):☐ PID ☐ Remote totalizer

## Communications:

☐ DeviceNet ☐ PROFIBUS DP ☐ SIMATIC S7 PLC ☐ EtherNet/IP☐ RS-232 / RS-485 Modbus ☐ ProfiNet ☐ Modbus TCP/IPPreferred Weighfeeder Model: ☐ WW100 ☐ WW200 ☐ WW300 ☐ WW310Preferred Construction: ☐ Painted mild steel ☐ 304 SS ☐ 316 SSOptions: ☐ Belt tracking switches ☐ Safety pull cord switches ☐ Secondary speed sensor ☐ Start, stop, speed, controller☐ Gravity tensioned belt tracker (WW100/WW300) ☐ Shear curtain ☐ Belt cleaning brushOpen options: ☐ Discharge dust hood☐ Skirtboard covers

Enclosed options:

☐ Bottom covers☐ Skirtboard covers☐ Dust tight seals☐ Dust extraction port☐ Plugged discharge chute switch☐ Drag chain clean out conveyor

**Overview**

SITRANS WW100 is a high-accuracy, low-capacity weighfeeder used for minor ingredient additives.

**Benefits**

- High accuracy
- High turn down ratio 100 ... 10 % of capacity
- Corrosion resistant components
- Fast and easy belt removal for replacement or cleaning
- Simple installation, easy to clean and maintain
- Pre-programmed drive for servo motor control

**Application**

SITRANS WW100 is one of the most accurate in-motion weighing systems on the market. It is specially designed for high accuracy on light loading processes. The design eliminates material buildup to ensure accurate, reliable measurement.

The unique long length platform weigh bridge mounts directly to a corrosion-resistant platform load cell. An adjustable mechanical shear gate profiles the material and fixes the correct material bed depth for a given material particle size. The belt speed can be automatically adjusted to attain the correct feed rate.

Standard components include an anti-static food grade belt, gravity tensioned roller, tail pulley driven belt for maximum weighing accuracy, belt tracking rollers, belt scraper and plow for self-cleaning.

# SITRANS Weighfeeders

## SITRANS WW100

### Introduction

#### Technical specifications

SITRANS WW100	
<b>Mode of operation</b>	
Measuring principle	Strain gauge load cell and digital speed sensor
Typical application	Control and monitor feed rates and blending in bulk chemicals, tobacco, food, and water treatment
<b>Measuring accuracy</b>	
Accuracy <sup>1)</sup>	± 0.25 ... 0.5 %
Specified range	10 ... 100 % based on speed
Design rate range	45 kg/h ... 18 t/h (100 lb/h ... 20 STPH)
Max volumetric flow	45 m <sup>3</sup> /h (1 568 ft <sup>3</sup> /h)
<b>Medium conditions</b>	
Operating temperature	-10 ... +55 °C (10 ... 131 °F)
<b>Material</b>	Mild steel or stainless steel [304 (1.4301) or 316 (1.4401)], bead blast finish (1 ... 6 µm, 40 ... 240 µin)
<b>Load cells</b>	
Construction	17-4 PH (1.4568) stainless steel or nickel plated alloy steel
Degree of protection	<ul style="list-style-type: none"> <li>Stainless steel: IP68</li> <li>Nickel plated alloy steel: IP66</li> </ul>
Excitation	10 V DC nominal, 15 V DC maximum
Output	2 mV/V
<ul style="list-style-type: none"> <li>Non-linearity</li> <li>Non-repeatability</li> </ul>	± 0.02 % of rated output ± 0.01 % of rated output
Capacity	<ul style="list-style-type: none"> <li>Stainless steel range: 6, 12, 30 kg</li> <li>Nickel-plated range: 10, 15, 20, 30 kg</li> </ul>
Overload	150 % of rated capacity
Temperature	<ul style="list-style-type: none"> <li>Operating range: -40 ... +65 °C (-40 ... +149 °F)</li> <li>Compensated: -10 ... +40 °C (14 ... 104 °F)</li> </ul>
<b>Speed sensors</b>	
Optical encoder output	<ul style="list-style-type: none"> <li>RS 422 (TTL) 5 V DC, 150 mA max.</li> <li>500, 1 000, or 2 000 pulses per revolution (ppr)</li> </ul>
Degree of protection	<ul style="list-style-type: none"> <li>Standard: IP64</li> <li>Stainless steel: IP66</li> </ul>
Temperature	-10 ... +70 °C (14 ... 158 °F)
Framework	<ul style="list-style-type: none"> <li>Precision machined, stainless [304 (1.4301) or 316 (1.4401)] or mild steel</li> <li>Cantilevered design for easy belt replacement</li> </ul>
<b>Pulleys</b>	115 mm (4.5 inch) diameter, crowned and lagged
<b>Bearings</b>	<ul style="list-style-type: none"> <li>4-bolt flange mount on drive pulley</li> <li>2-bolt threaded base pillow block on driven pulley</li> </ul>
<b>Belt speed</b>	0.005 ... 0.36 m/s (1 ... 70 fpm)

SITRANS WW100	
<b>Belt support</b>	Slider bed frame
<b>Belting</b>	<ul style="list-style-type: none"> <li>Polyester carcass with polyurethane top cover and static control with vulcanized endless finger splice for max. weighing consistency (standard)</li> <li>Maximum rated material temperature of 82 °C (180 °F)</li> <li>Low capacity thermoplastic belt rated for max. material temp. of 100 °C (212 °F)</li> </ul>
<b>Belt tension</b>	<ul style="list-style-type: none"> <li>Counter-weighted stainless steel [304 (1.4301) or 316 (1.4401)] tensioning idler for consistent tension, required for high accuracy weighing</li> <li>Screw type, telescoper module with 25 mm (1 inch) travel, mild or stainless steel 304 (1.4301)</li> </ul>
<b>Belt cleaning</b>	<ul style="list-style-type: none"> <li>UHMW blade type with counter-weight at the head pulley for cleaning product side of belt</li> <li>Return plow</li> <li>Cleaning brush, optional</li> </ul>
<b>Drive motor</b>	<ul style="list-style-type: none"> <li>0.24 kW (0.32 HP) TEFC, 10: 1 CT inverter duty, servo drive motor with direct coupled flange mounted hollow bore worm CAF28 gear reducer 45.6 Nm (404 lb), 2.1 service factor minimum (standard)</li> <li>0.55 kW (0.75 HP), TEFC, 10: 1CT inverter duty, AC drive motor with direct coupled flange mounted hollow bore worm CAF28 gear reducer 81 Nm (717 in. lb), 3.12 service factor minimum (optional)</li> </ul>
<b>Variable frequency drive: SINAMICS S110 servo motor controller (included with supply of WW100 based on ordering options)</b>	<ul style="list-style-type: none"> <li>1 ph, 200 ... 240 V or 3 ph, 380 ... 480 V</li> <li>MMC with Factory loaded program for fast installation and commissioning</li> <li>BOP for local control</li> <li>External 24 V DC power supply</li> <li>RS 232 connection port</li> <li>4 DI, DO</li> <li>Profibus DP</li> <li>Starter software &amp; connection drawings provided with documentation</li> </ul>
<b>Shipping weight</b>	91 kg (200 lb) ... 181 kg (400 lb) maximum
<b>Approvals</b>	CE, RCM Stainless steel options meet USDA and FDA requirements for food processing

<sup>1)</sup> Accuracy subject to: On factory approved installations the weigh feeder system's totalized weight will be within the specified accuracy when compared to a known weighed material test sample.  
The test rate must be within the specified range of the design capacity and held constant for the duration of the test.  
The minimum material test sample must be equivalent to a sample obtained at the test flow rate for three revolutions of the belt or at least ten minutes running time, whichever is greater.

**Reduction ratio selection table**

Reduction (X:1)	Speed	60 Hz fpm	60 Hz m/s	50 Hz fpm	50 Hz m/s
372:1	max.	5.54	0.028	4.59	0.023
	min.	0.55	0.003	0.45	0.002
303.36:1	max.	6.80	0.035	5.63	0.029
	min.	0.68	0.003	0.56	0.003
248:1	max.	8.31	0.042	6.89	0.035
	min.	0.83	0.004	0.69	0.003
202.24:1	max.	10.19	0.052	8.45	0.043
	min.	1.02	0.005	0.84	0.004
155:1	max.	13.30	0.068	11.02	0.056
	min.	1.33	0.007	1.10	0.006
126.4:1	max.	16.31	0.083	13.51	0.069
	min.	1.63	0.008	1.35	0.007
93:1	max.	22.17	0.113	18.37	0.093
	min.	2.22	0.011	1.84	0.009
75.84:1	max.	27.18	0.138	22.52	0.114
	min.	2.72	0.014	2.25	0.011
62:1	max.	33.25	0.169	27.55	0.140
	min.	3.33	0.017	2.76	0.014
50.56:1	max.	40.78	0.207	33.79	0.172
	min.	4.08	0.021	3.38	0.017
46.5:1	max.	44.34	0.225	36.74	0.187
	min.	4.43	0.023	3.67	0.019
37.92:1	max.	55.44	0.276	45.05	0.229
	min.	4.37	0.028	4.50	0.023
31:1	max.	66.51	0.338	55.10	0.280
	min.	6.65	0.034	5.51	0.028
25.28:1	max.	81.55	0.414	67.57	0.343
	min.	8.16	0.041	6.76	0.034

# SITRANS Weighfeeders

## SITRANS WW100

### Ordering data

#### Selection and ordering data

##### SITRANS WW100

High accuracy solids weighfeeder for low capacity applications. Compact unit improves processing, increases efficiency and provides significant cost savings.

Add order code Y71 ... Y73 for all models to specify design data

##### Frame and enclosure construction

Painted mild steel open style

304 stainless steel open style

316 stainless steel open style

Painted mild steel enclosed style with painted mild steel enclosure

304 stainless steel enclosed style with painted mild steel enclosure

304 stainless steel enclosed style with 304 stainless steel enclosure

316 stainless steel enclosed style with painted mild steel enclosure

316 stainless steel enclosed style with 304 stainless steel enclosure

316 stainless steel enclosed style with 316 stainless steel enclosure

##### Material containment construction

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch" for options A ... H

Shear gate inlet and skirtboards 304 stainless steel

Shear gate inlet and skirtboards 304 stainless steel with cover

Shear gate inlet and skirtboards 304 stainless steel, #4 polished

Shear gate inlet and skirtboards 304 stainless steel, #4 polished with cover

Shear gate inlet and skirtboards 316 stainless steel

Shear gate inlet and skirtboards 316 stainless steel with cover

Shear gate inlet and skirtboards 316 stainless steel, #4 polished

Shear gate inlet and skirtboards 316 stainless steel, #4 polished with cover

Horseshoe inlet 304 stainless steel<sup>1)</sup>

Horseshoe inlet 304 stainless steel, #4 polished<sup>1)</sup>

Horseshoe inlet 316 stainless steel<sup>1)</sup>

Horseshoe inlet 316 stainless steel, #4 polished<sup>1)</sup>

##### Load cell

10 kg (22 lb) nickel plated steel

15 kg (33 lb) nickel plated steel

20 kg (44 lb) nickel plated steel

30 kg (66 lb) nickel plated steel

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

#### Article No.

##### 7MH7180-



0 A

0 B

0 D

1 A

1 B

1 D

1 G

1 J

1 M

A

B

C

D

E

F

G

H

J

K

L

M

0

1

2

3

4

5

6

##### SITRANS WW100

High accuracy solids weighfeeder for low capacity applications. Compact unit improves processing, increases efficiency and provides significant cost savings.

##### Speed sensor

500 PPR shaft mounted optical encoder

1 000 PPR shaft mounted optical encoder

2 500 PPR shaft mounted optical encoder

500 PPR shaft mounted optical encoder, stainless steel

1 000 PPR shaft mounted optical encoder, stainless steel

2 500 PPR shaft mounted optical encoder, stainless steel

##### Drive configuration

SINAMICS servo motor and drive

200 ... 240 V 1 ph<sup>2)</sup>

380 ... 480 V 3 ph<sup>2)</sup>

200 ... 240 V 1 ph, with 5 m (16.4 ft) communication and power cables

380 ... 480 V 3 ph, with 5 m (16.4 ft) communication and power cables

200 ... 240 V 1 ph, with 10 m (33 ft) communication and power cables

380 ... 480 V 3 ph, with 10 m (33 ft) communication and power cables

200 ... 240 V 1 ph, with 25 m (82 ft) communication and power cables

380 ... 480 V 3 ph, with 25 m (82 ft) communication and power cables

200 ... 240 V 1 ph, with 50 m (164 ft) communication and power cables

380 ... 480 V 3 ph, with 50 m (164 ft) communication and power cables

200 ... 240 V 1 ph, with 100 m (328 ft) communication and power cables

380 ... 480 V 3 ph, with 100 m (328 ft) communication and power cables

##### Standard AC motor without drive (Drive required for desired belt speed)

Add order code Y75 reduction ratio in plain text: "X:1" for options 6A ... 7B, see "Reduction Ratio Selection Table" on page 5/7.

220 ... 240/380 ... 480 V 3 ph 50/60 Hz AC

575 V 3 ph 60 Hz AC

##### Food grade epoxy coated AC motor without drive (Drive required for desired belt speed)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz AC epoxy coated gearmotor

575 V 3 ph 60 Hz AC epoxy coated gearmotor

##### Calibration Method

None

1 calibration chain strand 2.41 kg/m (1.62 lb/ft)

2 calibration chain strands 4.82 kg/m (3.24 lb/ft)

3 calibration chain strands 7.23 kg/m (4.86 lb/ft)

##### Belt change access side (looking from inlet to discharge)

Left hand

Right hand

#### Article No.

##### 7MH7180-



0

1

2

3

4

5

0 A

0 B

1 A

1 B

2 A

2 B

3 A

3 B

4 A

4 B

5 A

5 B

6 A

6 B

7 A

7 B

A

B

C

D

0

1



Selection and ordering data	Order Code	Article No.
<b>Further designs</b>		
Please add <b>"-Z"</b> to article no. and specify order code(s).		
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch) <sup>3)</sup>	<b>Y74</b>	2 500 PPR optical encoder <sup>4)</sup> <b>6FX2001-2PC50</b>
Enter design units (TPH, MTPH, lb/h, kg/h)	<b>Y71</b>	500 PPR optical encoder <b>6FX2001-4QA50</b>
Enter design speed (ft/m, m/s)	<b>Y72</b>	1 000 PPR optical encoder <b>6FX2001-4QB00</b>
Enter design capacity/rate	<b>Y73</b>	2 500 PPR optical encoder <b>6FX2001-4QC50</b>
AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1) (see "Reduction Ratio Selection Table" on page 5/7).	<b>Y75</b>	Optical encoder connector <b>6FX2003-0SU12</b>
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications <sup>3)</sup>	<b>G11</b>	Optical encoder connector with 20 ft (6 m) of cable <sup>5)</sup> <b>7MH7723-1KM</b>
Pointek CLS100 Capacitance switch for plugged discharge chute detection	<b>G12</b>	WW100 standard belt low capacity <b>A5E30320090</b>
Siemens start/stop, auto/manual, speed control, local operator station	<b>G13</b>	Optical encoder connector with 20 ft (6 m) of cable <sup>6)</sup> <b>7MH7723-1KD</b>
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	<b>G14</b>	500 PPR optical encoder, stainless steel (connector included) <b>7MH7723-1HG</b>
Low weight belt for light loading, low rate applications (recommended for under 1 t/h). Thermo-plastic, 1 ply, anti-static, FDA, USDA approved	<b>G15</b>	1 000 PPR optical encoder, stainless steel (connector included) <b>7MH7723-1HH</b>
High temp belt for material temperatures above 82 °C (180 °F)	<b>G17</b>	2 500 PPR optical encoder, stainless steel (connector included) <b>7MH7723-1HJ</b>
Manufacturer's test certificate: According to EN 10204-2.2	<b>C11</b>	1 calibration chain strand 2.41 kg/m (1.62 lb/ft) with mount and spacers (Corrosion resistant) <b>7MH7723-1HP</b>
Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text	<b>Y15</b>	2 calibration chain strands 4.82 kg/m (3.24 lb/ft) with mount and spacers (Corrosion resistant) <b>7MH7723-1HQ</b>
Discharge dust hood, painted mild steel with de-dust port <sup>1)</sup>	<b>H50</b>	3 calibration chain strands 7.23 kg/m (4.86 lb/ft) with mount and spacers (Corrosion resistant) <b>7MH7723-1HR</b>
Discharge dust hood, 304 stainless steel with de-dust port <sup>1)</sup>	<b>H51</b>	S110 Control Unit <b>6SL3040-0JA00-0AA0</b>
Discharge dust hood, 316 stainless steel with de-dust port <sup>1)</sup>	<b>H52</b>	S110 basic operator panel (BOP) <b>6SL3055-0AA00-4BA0</b>
Custom design	<b>Y99</b>	S110 input choke 380...480 V AC <b>6SE6400-3CC00-2AD3</b>
Specify quote reference when ordering		S110 power module 200...240 V AC 1 ph <b>6SL321-01SB12-3UA0</b>
		S110 power module 380...480 V AC 3 ph <b>6SL321-01SE11-3UA0</b>
		S110 memory card 200...240 V AC 1 ph <b>7MH7723-1JH</b>
		S110 memory card 380...480 V AC 3 ph <b>7MH7723-1JJ</b>
		S110 power cable to servo gearmotor, 5 m (16.4 ft) <b>6FX5002-5CG01-1AF0</b>
		S110 communications cable to servo gearmotor, 5 m (16.4 ft) <b>6FX500-22DC10-1AF0</b>
		S110 power cable to servo gearmotor, 10 m (32.8 ft) <b>6FX50-025CG01-1BA0</b>
		S110 communications cable to servo gearmotor, 10 m (32.8 ft) <b>6FX500-22DC10-1BA0</b>
		S110 power cable to servo gearmotor, 25 m (82 ft) <b>6FX500-25CG01-1CF0</b>
		S110 communications cable to servo gearmotor, 25 m (82 ft) <b>6FX500-22DC10-1CF0</b>
		S110 power cable to servo gearmotor, 50 m (164 ft) <b>6FX500-25CG01-1FA0</b>
		S110 communications cable to servo gearmotor, 50 m (164 ft) <b>6FX500-22DC10-1FA0</b>
		S110 power cable to servo gearmotor, 100 m (328 ft) <b>6FX5002-5CG01-2AA0</b>
		S110 communications cable to servo gearmotor, 100 m (328 ft) <b>6FX5002-2DC10-2AA0</b>
		Servo gearmotor <b>1FK7032-5AK71-1UU7-Z E07 + G57 + H11 + Q90</b>
<b>Operating instructions</b>	Article No. <b>A5E33560618</b>	
• English		
Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.		
<b>Spare parts</b>		
6 kg (13.2 lb) stainless steel load cell	<b>7MH7725-1EG</b>	
12 kg (26.4 lb) stainless steel load cell	<b>7MH7725-1EH</b>	
30 kg (66.2 lb) stainless steel load cell	<b>7MH7725-1EJ</b>	
10 kg (22 lb) nickel plated steel load cell	<b>7MH7725-1EK</b>	
15 kg (33.1 lb) nickel plated steel load cell	<b>7MH7725-1EL</b>	
20 kg (44 lb) nickel plated steel load cell	<b>7MH7725-1EM</b>	
30 kg (66.2 lb) nickel plated steel load cell	<b>7MH7725-1EN</b>	
500 PPR optical encoder <sup>4)</sup>	<b>6FX2001-2PA50</b>	
1 000 PPR optical encoder <sup>4)</sup>	<b>6FX2001-2PB00</b>	

**SITRANS Weighfeeders**

SITRANS WW100

**Ordering data**

<b>Selection and ordering data</b>	Article No.		Article No.
AC 220 ... 240/380 ... 480 V standard gearmotor <sup>7)</sup>	<b>A5E02796139</b>	<b>Further designs</b>	
AC 575 V standard gearmotor <sup>7)</sup>	<b>A5E02798953</b>	Please add "-Z" to article no. and specify order code(s).	
AC 220 ... 240/380 ... 480 V epoxy coated gearmotor <sup>7)</sup>	<b>A5E02798968</b>	Termination box stainless steel	<b>7MH7723-1NE</b>
AC 575 V epoxy coated gearmotor <sup>7)</sup>	<b>A5E02798955</b>	Bearing replacement kit mild steel (includes 1 tail bearing, 2 head bearings)	<b>7MH7723-1HU</b>
Belt	<b>7MH7723-1JG</b>	Bearing replacement kit stainless steel (includes 1 tail bearing, 2 head bearings)	<b>7MH7723-1HV</b>
Termination box mild steel	<b>7MH7723-1ND</b>	Belt contact replacement kit (includes 1 belt scraper blade, 2 belt plow blades, 2 belt guide rollers, 1 belt tension roller, belt skirtboard seal strips)	<b>7MH7723-1HW</b>
		Pulley replacement kit mild steel (includes 1 drive pulley, 1 driven pulley)	<b>7MH7723-1HX</b>
		Pulley replacement kit 304 stainless steel (includes 1 drive pulley, 1 driven pulley)	<b>7MH7723-1HY</b>
		<b>Accessories</b>	
		Start, Stop, Hand/Off/Auto, speed pot local operator station	<b>7MH7723-1JA</b>
		E-stop push button, enclosed style	<b>3SB3801-0DF3</b>
		24 V Power supply, 4 A	<b>6EP1332-1SH52</b>
		Power transformer 600 ... 480 V AC 3 ph	<b>7MH7726-1AV</b>
		Discharge dust hood mild steel for open style units only	<b>7MH7723-1JB</b>
		Discharge dust hood 304 stainless steel for open style units only	<b>7MH7723-1JC</b>
		Discharge dust hood 316 stainless steel for open style units only	<b>7MH7723-1JD</b>
		CLS100 plugged discharge chute retrofit kit (includes CLS100, material hood)	<b>7MH7723-1JE</b>
		Siemens, MM420, 0.75 HP 0.55 kW, 380 ... 480 V 3 ph 50/60 Hz	<b>6SE6420-2UD15-5AA1</b>
		Siemens, MM440, 0.75 HP 0.55 kW, 380 ... 480 V 3 ph 50/60 Hz	<b>6SE6440-2UD15-5AA1</b>
		Siemens, MM440, 1 HP 0.75 kW, 500 ... 600 V 3 ph 60 Hz	<b>6SE6440-2UE17-5CA1</b>
		Siemens, MM420/440, Bop keypad	<b>6SE6400-0BP000AA1</b>
		Siemens, G120, 0.75 HP 0.55 kW, 380 ... 480 V 3 ph	<b>6SL3224-BE155UA0</b>
		Siemens Control unit G120, STD RS 485	<b>6SL3244-0BA10-0BA0</b>
		VFC, Siemens, G120, Bop keypad	<b>6SL3255-0AA00-4BA1</b>

<sup>1)</sup> Available with Frame Construction options 0A ... 0D only.

<sup>2)</sup> Communication and power cables required.

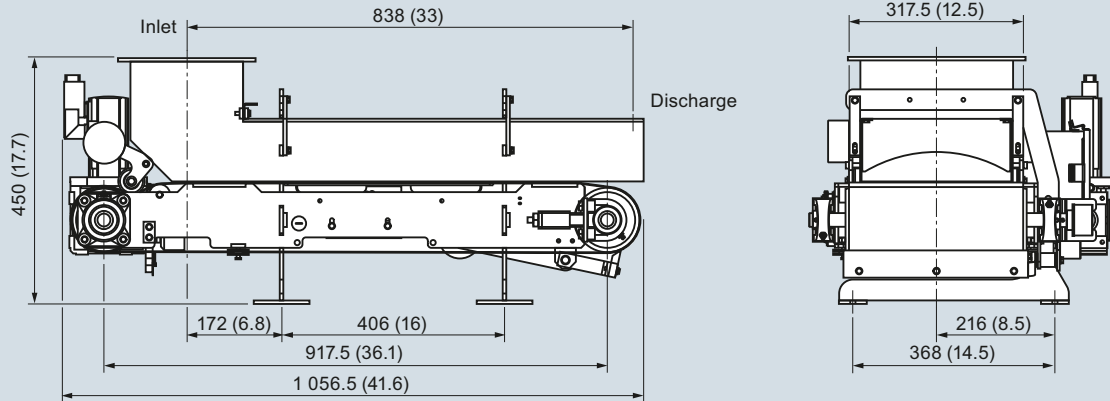
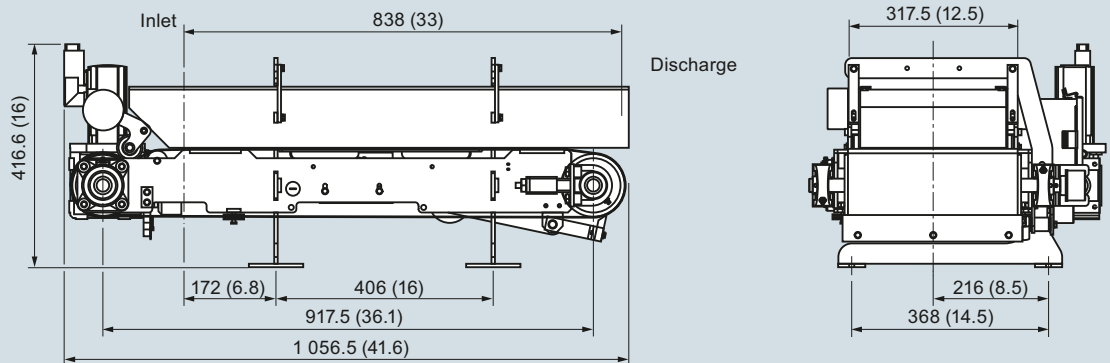
<sup>3)</sup> Available with Material Containment options A ... H only.

<sup>4)</sup> For use with 5 V DC supply from RS 422 circuit card.

<sup>5)</sup> For use with PPR optical encoders: 6FX20012PA50, 6FX20012PB00, 6FX20012PC50.

<sup>6)</sup> For use with PPR optical encoders: 6FX20014QA50, 6FX20014QB00, 6FX20014QC5.

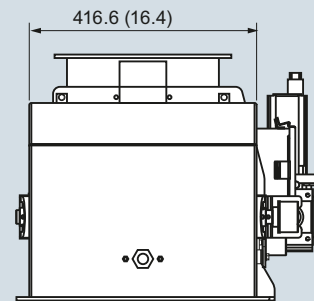
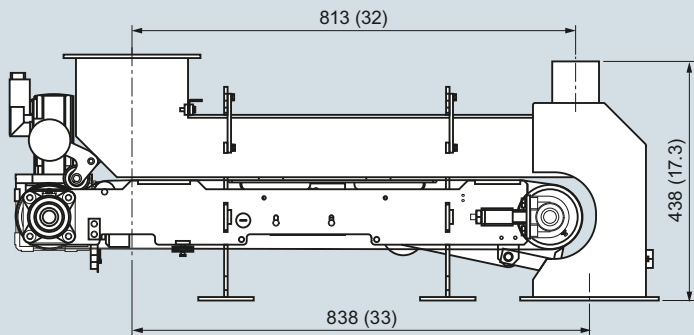
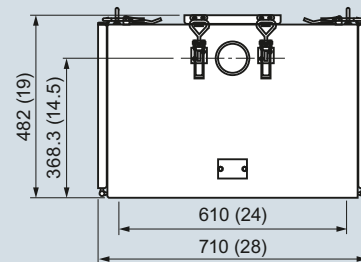
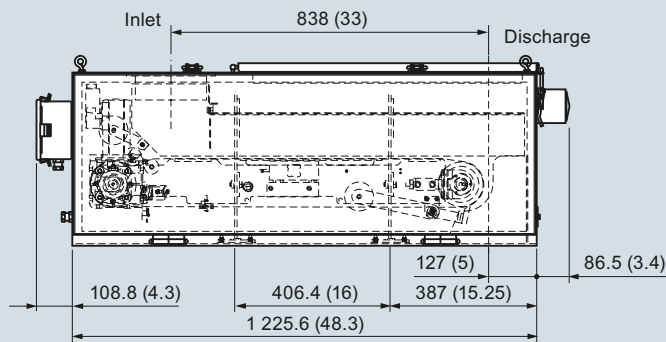
<sup>7)</sup> Specify Y75 reduction ratio on the order.

**Dimensional drawings**
**Open Construction**

**Open Horseshoe Inlet**


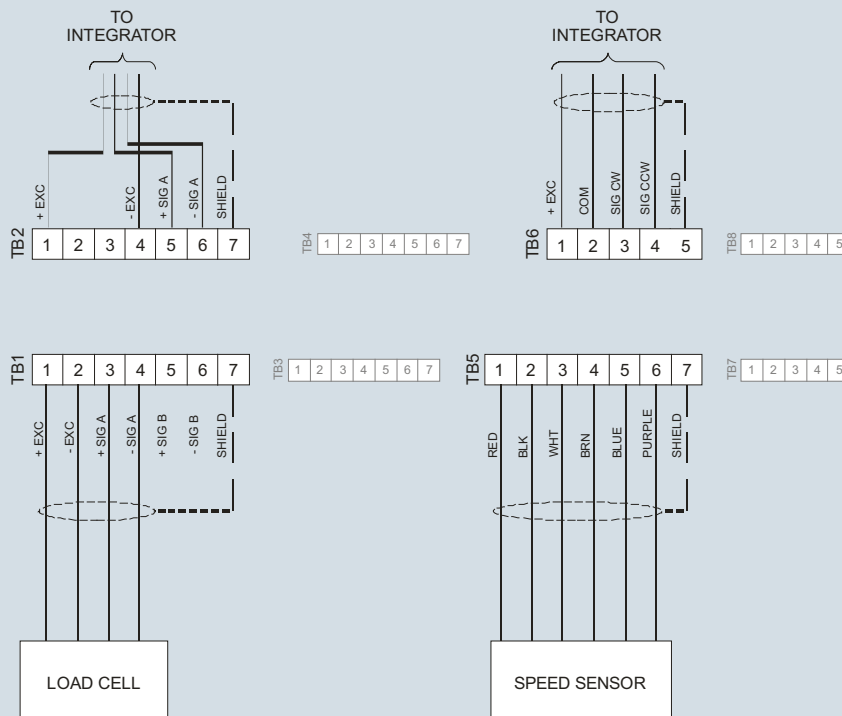
SITRANS WW100 dimensions in mm (inch)

**SITRANS Weighfeeders**

SITRANS WW100

**Dimensional drawings and schematics****Open Dust Hood****Enclosed Construction**

SITRANS WW100 dimensions in mm (inch)

**Schematics**

SITRANS WW100 connections

## Overview



SITRANS WW200 is a low-to-medium capacity weighfeeder used for minor ingredient additives.

## Benefits

- High accuracy
- Ideal for low-to-medium capacity loads
- Fast installation, easy to clean and maintain
- Flexible, rugged design allows configurations to suit many applications
- Quick delivery on standard units
- Outboard mounted load cells with protective cover

## Technical specifications

SITRANS WW200	
<b>Mode of operation</b>	
Measuring principle	Strain gauge load cells and digital speed sensor
Typical application	Control and monitor feed rates and blending of minerals or powdered additives into a process
<b>Measuring accuracy</b>	
Accuracy <sup>1)</sup>	± 0.5 % or better
Specified range	10 ... 100 % based on speed
Design rate range	0.45 ... 100 t/h (1 000 lb/h ... 110 STPH)
Max volumetric flow	220 m <sup>3</sup> /h (7 700 ft <sup>3</sup> /h)
<b>Medium conditions</b>	
Operating temperature	-10 ... +55 °C (14 ... 131 °F)
<b>Material</b>	
	Mild steel or stainless steel [304 (1.4301) or 316 (1.4401)], bead blast finish (1 ... 6 µm, 40 ... 240 µin)
<b>Load cells</b>	
Construction	17-4 PH (1.4568) stainless steel or nickel plated alloy steel
Degree of protection	<ul style="list-style-type: none"> <li>• Stainless steel: IP68</li> <li>• Nickel plated alloy steel: IP66</li> </ul>
Excitation	10 V DC nominal, 15 V DC maximum
Output	2 mV/V
• Non-linearity	± 0.02 % of rated output
• Non-repeatability	± 0.01 % of rated output
Capacity	<ul style="list-style-type: none"> <li>• Stainless steel range: 6, 12, 30 kg</li> <li>• Nickel-plated range: 10, 15, 20, 30, 50 kg</li> </ul>
Overload	150 % of rated capacity

## Application

SITRANS WW200 has been field tested and proven in hundreds of applications.

The unit can be customized to meet exact application needs. Stainless or mild steel units are available in open or enclosed styles. Custom lengths, belt types, inlet configurations, drives, and other options are available to meet your requirements.

The MS (mild steel) model is ideal for use with chemicals, powders, or any granular product in applications not requiring wash-down. The SD (sanitary duty) model is designed for the food industry where high pressure wash-down is required. It meets all USDA and FDA requirements.

Its cantilevered mechanical design provides for quick belt removal and easy maintenance. It is designed to eliminate material build-up, ensuring high accuracy and reliability. The unique weigh system reduces dead load and applies live load directly to two platform load cells. Load cells are externally mounted for easy access and maintenance.

Standard components include an anti-static food grade belt option, horizontal slider bars for self-cleaning and minimal product build up, belt tracking rollers, belt scraper, and plow for self-cleaning.

SITRANS WW200	
Temperature	<ul style="list-style-type: none"> <li>• Operating range: -40 ... +65 °C (-40 ... +150 °F)</li> <li>• Compensated: -10 ... +40 °C (15 ... 105 °F)</li> </ul>
<b>Speed sensor</b>	
Optical encoder output	RS 422 (TTL) 5 V DC, 150 mA max. 500, 1 000, or 2 000 ppr
Temperature	-10 ... +70 °C (14 ... 158 °F)
Degree of protection	<ul style="list-style-type: none"> <li>• Standard: IP64</li> <li>• Stainless steel: IP66</li> </ul>
C-flange mounted magnetic pulse generator output	Open collector, NPN, sinking output, max. 17 mA, 60 ppr
Temperature	-40 ... +105 °C (-40 ... +220 °F)
Degree of protection	IP67
<b>Belt tracking switch</b>	
Aluminum spring rod (un-wired)	<ul style="list-style-type: none"> <li>• 1 NO, 1 NC switch blocks</li> <li>• Rated operating voltage 600 V AC max.</li> </ul>
Temperature	-30 ... +85 °C (-22 ... +185 °F)
Degree of protection	IP67
Framework	<ul style="list-style-type: none"> <li>• Precision machined, stainless [304 (1.4301) or 316 (1.4401)] or mild steel</li> <li>• Cantilevered design for easy belt replacement</li> </ul>
<b>Pulleys</b>	152 mm (6 inch) diameter with 6 mm (¼ inch) neoprene lagging
<b>Belt speed</b>	0.005 ... 0.36 m/s (1 ... 70 fpm)
<b>Belt support</b>	Edge of flat bar eliminates material buildup
<b>Bearings</b>	
	<ul style="list-style-type: none"> <li>• 2-bolt flange mount on drive pulley</li> <li>• 2-bolt threaded base pillow block on driven pulley</li> </ul>

## SITRANS Weighfeeders

### SITRANS WW200

#### Introduction

SITRANS WW200	
<b>Belting</b>	<ul style="list-style-type: none"> <li>• Static control with vulcanized endless finger splice for maximum weighing consistency (standard)</li> <li>• Maximum rated material temperature 82 °C (180 °F)</li> <li>• Silicone HT belt rated for max. material temp. of 177 °C (350 °F)</li> <li>• Nitrile belt rated for a max. material temp. of 121 °C (250 °F)</li> </ul>
<b>Belt tension</b>	Screw type, telescoper module with 150 mm (6 inch) travel - mild or stainless steel 304 (1.4301)
<b>Belt cleaning</b>	<ul style="list-style-type: none"> <li>• UHMW blade type with spring tensioning at head pulley</li> <li>• Return plow</li> <li>• Cleaning brush, optional</li> </ul>
<b>Drive motor</b>	AC, TEFC, 10:1 CT inverter duty, drive motor with direct coupled flange mounted hollow bore CAF48 gear reducer , 1.2 service factor min.
<b>Shipping weight</b>	280 kg (600 lb) minimum
<b>Approvals</b>	<ul style="list-style-type: none"> <li>• Stainless steel options meet USDA and FDA requirements for food processing</li> <li>• CE on all electrical components</li> </ul> <p>Hazardous approvals per configuration options</p> <p>Note: Weighfeeder as a whole is not approved for hazardous locations only electrical components.</p>

<sup>1)</sup> Accuracy subject to: On factory approved installations the weigh feeder system's totalized weight will be within the specified accuracy when compared to a known weighed material test sample.  
The test rate must be within the specified range of the design capacity and held constant for the duration of the test.  
The minimum material test sample must be equivalent to a sample obtained at the test flow rate for three revolutions of the belt or at least ten minutes running time, whichever is greater.

**Reduction ratio selection table**

Reduction (X:1)	Speed	60 Hz fpm	50 Hz fpm	60 Hz m/s	50 Hz m/s
1059:1	max. min.	2.89 0.29	2.41 0.24	0.015 0.002	0.012 0.001
937:1	max. min.	3.27 0.33	2.72 0.27	0.017 0.002	0.014 0.001
865:1	max. min.	3.54 0.35	2.95 0.30	0.018 0.002	0.015 0.002
745:1	max. min.	4.11 0.41	3.43 0.34	0.021 0.002	0.017 0.002
677:1	max. min.	4.52 0.45	3.77 0.38	0.023 0.002	0.019 0.002
615:1	max. min.	4.98 0.50	4.15 0.42	0.025 0.003	0.021 0.002
558:1	max. min.	5.49 0.55	4.57 0.46	0.028 0.003	0.023 0.002
508:1	max. min.	6.03 0.60	5.02 0.50	0.031 0.003	0.026 0.003
449:1	max. min.	6.82 0.68	5.68 0.57	0.035 0.004	0.029 0.003
414:1	max. min.	7.40 0.74	6.17 0.62	0.038 0.004	0.031 0.003
357:1	max. min.	8.58 0.86	7.15 0.72	0.044 0.004	0.036 0.004
324:1	max. min.	9.45 0.95	7.88 0.79	0.048 0.005	0.040 0.004
320.67:1	max. min.	9.55 0.96	7.96 0.80	0.049 0.005	0.040 0.004
284.7:1	max. min.	10.76 1.08	8.97 0.90	0.055 0.006	0.046 0.005
249.6:1	max. min.	12.27 1.23	10.23 1.02	0.062 0.006	0.052 0.005
223.36:1	max. min.	13.71 1.37	11.43 1.14	0.070 0.007	0.058 0.006
198.25:1	max. min.	15.45 1.55	12.88 1.29	0.079 0.008	0.065 0.007
173.73:1	max. min.	17.63 1.76	14.69 1.47	0.090 0.009	0.075 0.008
152.75:1	max. min.	20.05 2.01	16.71 1.67	0.102 0.010	0.085 0.009
138:1	max. min.	22.20 2.22	18.50 1.85	0.113 0.011	0.094 0.009
120.25:1	max. min.	25.47 2.55	21.23 2.12	0.130 0.013	0.108 0.011
108:1	max. min.	28.36 2.84	23.63 2.36	0.144 0.014	0.120 0.012
97.5:1	max. min.	31.42 3.14	26.18 2.62	0.160 0.016	0.133 0.013
88.4:1	max. min.	34.65 3.47	28.87 2.89	0.176 0.018	0.147 0.015
80.44:1	max. min.	38.08 3.81	31.73 3.17	0.193 0.019	0.161 0.016
71.12:1	max. min.	43.07 4.31	35.89 3.59	0.219 0.022	0.182 0.018
65.68:1	max. min.	46.64 4.66	38.86 3.89	0.237 0.024	0.197 0.020
56.55:1	max. min.	54.17 5.42	45.14 4.51	0.275 0.028	0.229 0.023
51.41:1	max. min.	59.58 5.96	49.65 4.97	0.303 0.030	0.252 0.025
46.93:1	max. min.	65.27 6.53	54.39 5.44	0.332 0.033	0.276 0.028
42:1	max. min.	72.93 7.29	60.77 6.08	0.371 0.037	0.309 0.031
37.28:1	max. min.	82.16 8.22	68.47 6.85	0.417 0.042	0.348 0.035

**SITRANS Weighfeeders****SITRANS WW200****Open style****Selection and ordering data**

Article No.

**SITRANS WW200, open style**

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

Add order code Y71 ... Y73 for all models to specify design data

**Painted mild steel, open style, with C/L infeed to C/L discharge**12 inch (305 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

18 inch (457 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

24 inch (610 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

30 inch (762 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

7MH7300-

0 A

0 B

0 C

0 D

0 E

0 F

0 G

0 H

0 J

1 A

1 B

1 C

1 D

1 E

1 F

1 G

1 H

1 J

2 A

2 B

2 C

2 D

2 E

2 F

2 G

2 H

2 J

3 A

3 B

3 C

3 D

3 E

3 F

3 G

3 H

3 J

**SITRANS WW200, open style**

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

36 inch (914 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

42 inch (1 067 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

48 inch (1 219 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

Article No.

7MH7300-

4 A

4 B

4 C

4 D

4 E

4 F

4 G

4 H

4 J

5 A

5 B

5 C

5 D

5 E

5 F

5 G

5 H

5 J

6 A

6 B

6 C

6 D

6 E

6 F

6 G

6 H

6 J



Selection and ordering data		Article No.	
<b>SITRANS WW200, open style</b> High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.	<b>7MH7300-</b> ■ ■ ■ ■ ■ - ■ ■ ■ ■ ■	<b>SITRANS WW200, open style</b> High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.	<b>7MH7300-</b> ■ ■ ■ ■ ■ - ■ ■ ■ ■ ■
<b>Material containment construction</b>		<b>Drive configuration</b>	
None	A	Add order code Y75 reduction ratio in plain text: "X:1". See table on page 5/15 for further info.	
Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch" for options B ... L		<u>Standard AC motor</u>	
<u>Shear gate inlet</u>		0.25 HP (0.19 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 A
Skirtboards AR400 steel	B	0.25 HP (0.19 kW) 575 V 3 ph 60 Hz	0 B
Skirtboards AR400 steel with cover	C	0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 C
Skirtboards 304 stainless steel	D	0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	0 D
Skirtboards 304 stainless steel, with cover	E	0.75 HP (0.56 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 E
Skirtboards 304 stainless steel, #4 polished	F	0.75 HP (0.56 kW) 575 V 3 ph 60 Hz	0 F
Skirtboards 304 stainless steel, #4 polished with cover	G	1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 G
Skirtboards 316 stainless steel	H	1 HP (0.75 kW) 575 V 3 ph 60 Hz	0 H
Skirtboards 316 stainless steel, with cover	J	<u>Food grade epoxy coated AC motor</u>	
Skirtboards 316 stainless steel, #4 polished	K	0.25 HP (0.19 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	1 A
Skirtboards 316 stainless steel, #4 polished with cover	L	0.25 HP (0.19 kW) 575 V 3 ph 60 Hz	1 B
<u>Horseshoe inlet</u>		0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	1 C
304 stainless steel	M	0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	1 D
304 stainless steel, #4 polished	N	1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	1 E
316 stainless steel	P	1 HP (0.75 kW) 575 V 3 ph 60 Hz	1 F
316 stainless steel, #4 polished	Q	<u>Stainless steel AC motor</u>	
<b>Load cell</b>		0.33 HP (0.25 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	2 A
<u>Nickel plated steel</u>		0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	2 C
10 kg (22 lb)	0	1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	2 E
15 kg (33 lb)	1	<b>Belting</b>	
20 kg (44 lb)	2	<u>Polyurethane anti static 57 PIW</u>	
30 kg (66 lb)	3	2 ply FDA/USDA approved	A
50 kg (110 lb)	4	2 ply with B-section flange walls FDA/USDA approved	B
<u>Stainless steel, hermetically sealed</u>		2 ply with 2 inch (50 mm) corrugated side walls FDA/USDA approved	C
6 kg (13.2 lb)	5	<u>Silicone anti static 45 PIW</u>	
12 kg (26.5 lb)	6	2 ply FDA/USDA approved HT 177 °C (350 °F)	D
30 kg (66.1 lb)	7	<u>Nitrile 135 PIW</u>	
<b>Speed sensor</b>		3 ply	G
<u>Shaft mounted</u>		3 ply with B-section flange walls	H
500 PPR optical encoder	0	3 ply with 2 inch (50 mm) corrugated side walls	J
1 000 PPR optical encoder	1	<b>Belt change access side (looking from inlet to discharge)</b>	
2 500 PPR optical encoder	2	Left hand	0
500 PPR optical encoder, stainless steel	3	Right hand	1
1 000 PPR optical encoder, stainless steel	4		
2 500 PPR optical encoder, stainless steel	5		
<u>Motor mounted</u>			
60 PPR magnetic p/u	6		

**SITRANS Weighfeeders**

SITRANS WW200

**Open style****Selection and ordering data****Order Code****Article No.****Further designs**

Please add **"-Z"** to article no. and specify order code(s).

Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)<sup>1)</sup>

Enter design units (TPH, MTPH, lb/h, kg/h)

Enter design speed (ft/m, m/s)

Enter design capacity/rate

AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1) (see "Reduction Ratio Selection Table" on page 5/7).

Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)

Class I, Div. 1, Group C&D; Class II, Div. 1, Group F&G approved electrical components

Note: Weighfeeder does not carry hazardous approval, only components, not available with speed sensor options 3 ... 6, load cell options 0 ... 4 or with motor options 1A ... 2E<sup>2)</sup>

ATEX II 2D approved electrical components

Note: Weighfeeder does not carry hazardous approval, only components, approval not available with speed sensor options 0, 3, 4, 5, 6, load cell options 0 ... 4 or motor options 1A ... 2E<sup>3)</sup>

Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications<sup>1)</sup>

Pointek CLS100  
Capacitance switch for plugged discharge chute detection

Siemens start/stop, auto/manual, speed control, hand held operator

Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt

Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 5 only)

Manufacturer's test certificate: According to EN 10204-2.2

Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]:  
Measuring-point number/identification  
(max. 27 characters) specify in plain text

Discharge dust hood, painted mild steel with de-dust port

Discharge dust hood, 304 stainless steel with de-dust port

Discharge dust hood, 316 stainless steel with de-dust port

Custom design

Specify quote reference when ordering

**Operating instructions**

- English

Note:

The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

**A5E33560618**

<sup>1)</sup> Available with material containment options B ... L only.

<sup>2)</sup> 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.

<sup>3)</sup> Available with drive configuration standard motor options only, all motors suitable for 400 V operation only.

Selection and ordering data		Article No.		Article No.
<b>SITRANS WW200, open style</b>		<b>7MH7301-</b>		<b>7MH7301-</b>
High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.				
Add order code Y71 ... Y73 for all models to specify design data				
<b>304 stainless steel, open style, with C/L infeed to C/L discharge</b>				
<u>12 inch (305 mm) belt width</u>				
52 inch (1 321 mm)	0 A			4 A
60 inch (1 524 mm)	0 B			4 B
68 inch (1 727 mm)	0 C			4 C
76 inch (1 930 mm)	0 D			4 D
84 inch (2 134 mm)	0 E			4 E
92 inch (2 337 mm)	0 F			4 F
100 inch (2 540 mm)	0 G			4 G
108 inch (2 743 mm)	0 H			4 H
116 inch (2 946 mm)	0 J			4 J
<u>18 inch (457 mm) belt width</u>				
52 inch (1 321 mm)	1 A			5 A
60 inch (1 524 mm)	1 B			5 B
68 inch (1 727 mm)	1 C			5 C
76 inch (1 930 mm)	1 D			5 D
84 inch (2 134 mm)	1 E			5 E
92 inch (2 337 mm)	1 F			5 F
100 inch (2 540 mm)	1 G			5 G
108 inch (2 743 mm)	1 H			5 H
116 inch (2 946 mm)	1 J			5 J
<u>24 inch (610 mm) belt width</u>				
52 inch (1 321 mm)	2 A			6 A
60 inch (1 524 mm)	2 B			6 B
68 inch (1 727 mm)	2 C			6 C
76 inch (1 930 mm)	2 D			6 D
84 inch (2 134 mm)	2 E			6 E
92 inch (2 337 mm)	2 F			6 F
100 inch (2 540 mm)	2 G			6 G
108 inch (2 743 mm)	2 H			6 H
116 inch (2 946 mm)	2 J			6 J
<u>30 inch (762 mm) belt width</u>				
52 inch (1 321 mm)	3 A			
60 inch (1 524 mm)	3 B			
68 inch (1 727 mm)	3 C			
76 inch (1 930 mm)	3 D			
84 inch (2 134 mm)	3 E			
92 inch (2 337 mm)	3 F			
100 inch (2 540 mm)	3 G			
108 inch (2 743 mm)	3 H			
116 inch (2 946 mm)	3 J			
<b>SITRANS WW200, open style</b>				
High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.				
<u>36 inch (914 mm) belt width</u>				
52 inch (1 321 mm)				
60 inch (1 524 mm)				
68 inch (1 727 mm)				
76 inch (1 930 mm)				
84 inch (2 134 mm)				
92 inch (2 337 mm)				
100 inch (2 540 mm)				
108 inch (2 743 mm)				
116 inch (2 946 mm)				
<u>42 inch (1 067 mm) belt width</u>				
52 inch (1 321 mm)				
60 inch (1 524 mm)				
68 inch (1 727 mm)				
76 inch (1 930 mm)				
84 inch (2 134 mm)				
92 inch (2 337 mm)				
100 inch (2 540 mm)				
108 inch (2 743 mm)				
116 inch (2 946 mm)				
<u>48 inch (1 219 mm) belt width</u>				
52 inch (1 321 mm)				
60 inch (1 524 mm)				
68 inch (1 727 mm)				
76 inch (1 930 mm)				
84 inch (2 134 mm)				
92 inch (2 337 mm)				
100 inch (2 540 mm)				
108 inch (2 743 mm)				
116 inch (2 946 mm)				

# SITRANS Weighfeeders

## SITRANS WW200

### Open style

#### Selection and ordering data

Article No.

Article No.

#### SITRANS WW200, open style

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### Material containment construction

None

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX" for options D ... L

#### Shear gate inlet

Skirtboards 304 stainless steel

Skirtboards 304 stainless steel, with cover

Skirtboards 304 stainless steel, #4 polished

Skirtboards 304 stainless steel, #4 polished with cover

Skirtboards 316 stainless steel

Skirtboards 316 stainless steel, with cover

Skirtboards 316 stainless steel, #4 polished

Skirtboards 316 stainless steel, #4 polished with cover

#### Horseshoe inlet

304 stainless steel

304 stainless steel, #4 polished

316 stainless steel

316 stainless steel, #4 polished

#### Load cell

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

#### Speed sensor

##### Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

500 PPR optical encoder, stainless steel

1 000 PPR optical encoder, stainless steel

2 500 PPR optical encoder, stainless steel

##### Motor mounted

60 PPR magnetic p/u

#### Drive configuration

Add order code Y75 reduction ratio in plain text: "X:1". See table on page 5/15 for further info.

#### Standard AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

7MH7301-

A

D

E

F

G

H

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K

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M

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P

Q

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0

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3

4

5

6

0 A

0 B

0 C

0 D

0 E

0 F

0 G

0 H

#### SITRANS WW200, open style

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### Food grade epoxy coated AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

#### Stainless steel AC motor

0.33 HP (0.25 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

#### Belting

##### Polyurethane anti static 57 PIW

2 ply FDA/USDA approved

2 ply with B-section flange walls  
FDA/USDA approved2 ply with 2 inch (50 mm) corrugated side walls  
FDA/USDA approved

##### Silicone anti static 45 PIW

2 ply FDA/USDA approved HT 177 °C (350 °F)

#### Belt change access side (looking from inlet to discharge)

Left hand

Right hand

7MH7301-

1 A

1 B

1 C

1 D

1 E

1 F

2 A

2 C

2 E

A

B

C

D

0

1

Selection and ordering data	Order Code	Article No.
<b>Further designs</b> Please add <b>"-Z"</b> to article no. and specify order code(s).		<b>A5E33560654</b>  <b>Operating instructions</b> • English  Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)	<b>Y74</b>	
Enter design units (TPH, MTPH, lb/h, kg/h)	<b>Y71</b>	
Enter design speed (ft/m, m/s)	<b>Y72</b>	
Enter design capacity/rate	<b>Y73</b>	
AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1) (see "Reduction Ratio Selection Table" on page 5/7).	<b>Y75</b>	
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	<b>Y01</b>	
Class I, Div. 1, Group C&D; Class II, Div. 1, Group F&G approved electrical components	<b>E90</b>	
Note: Weighfeeder does not carry hazardous approval, only components, not available with speed sensor options 3 ... 6, load cell options 0 ... 4 or with motor options 1A ... 2E <sup>2)</sup>		
ATEX II 2D approved electrical components	<b>E91</b>	
Note: Weighfeeder does not carry hazardous approval, only components, approval not available with speed sensor options 0, 3, 4, 5, 6, load cell options 0 ... 4 or motor options 1A ... 2E <sup>3)</sup>		
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications <sup>1)</sup>	<b>G11</b>	
Pointek CLS100 Capacitance switch for plugged discharge chute detection	<b>G12</b>	
Siemens start/stop, auto/manual, speed control, hand held operator	<b>G13</b>	
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	<b>G14</b>	
Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (Available with speed sensor options 0 ... 5 only)	<b>G16</b>	
Manufacturer's test certificate: According to EN 10204-2.2	<b>C11</b>	
Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text	<b>Y15</b>	
Discharge dust hood, painted mild steel with de-dust port	<b>H50</b>	
Discharge dust hood, 304 stainless steel with de-dust port	<b>H51</b>	
Discharge dust hood, 316 stainless steel with de-dust port	<b>H52</b>	
Custom design Specify quote reference when ordering	<b>Y99</b>	

<sup>1)</sup> Available with material containment options D ... L only.

<sup>2)</sup> 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.

<sup>3)</sup> Available with Drive Configuration standard motor options only, all motors suitable for 400 V operation only.

**SITRANS Weighfeeders****SITRANS WW200****Open style****Selection and ordering data**

Article No.

Article No.

**SITRANS WW200, open style**

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

Add order code Y71 ... Y73 for all models to specify design data

**316 stainless steel, open style, with C/L infeed to C/L discharge**12 inch (305 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

18 inch (457 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

24 inch (610 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

30 inch (762 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

**7MH7302-****0 A****0 B****0 C****0 D****0 E****0 F****0 G****0 H****0 J****1 A****1 B****1 C****1 D****1 E****1 F****1 G****1 H****1 J****2 A****2 B****2 C****2 D****2 E****2 F****2 G****2 H****2 J****3 A****3 B****3 C****3 D****3 E****3 F****3 G****3 H****3 J****SITRANS WW200, open style**

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

36 inch (914 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

42 inch (1 067 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

48 inch (1 219 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

**7MH7302-****4 A****4 B****4 C****4 D****4 E****4 F****4 G****4 H****4 J****5 A****5 B****5 C****5 D****5 E****5 F****5 G****5 H****5 J****6 A****6 B****6 C****6 D****6 E****6 F****6 G****6 H****6 J**

Selection and ordering data	Article No.	Article No.
<b>SITRANS WW200, open style</b> High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.	<b>7MH7302-</b> 	<b>7MH7302-</b> 
<b>Material containment construction</b> None Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch" for options H ... L <u>Shear gate inlet</u> Skirtboards 316 stainless steel Skirtboards 316 stainless steel, with cover Skirtboards 316 stainless steel, #4 polished Skirtboards 316 stainless steel, #4 polished with cover <u>Horseshoe inlet</u> 316 stainless steel 316 stainless steel, #4 polished	A  H J K L  P Q	2 A 2 C 2 E
<b>Load cell</b> 6 kg (13.2 lb) stainless steel, hermetically sealed 12 kg (26.5 lb) stainless steel, hermetically sealed 30 kg (66.1 lb) stainless steel, hermetically sealed	5 6 7	
<b>Speed sensor</b> <u>Shaft mounted</u> 500 PPR optical encoder 1 000 PPR optical encoder 2 500 PPR optical encoder 500 PPR optical encoder, stainless steel 1 000 PPR optical encoder, stainless steel 2 500 PPR optical encoder, stainless steel <u>Motor mounted</u> 60 PPR magnetic p/u	0 1 2 3 4 5 6	
<b>Drive configuration</b> Add order code Y75 reduction ratio in plain text: "X:1". See table on page 5/15 for further info. <u>Standard AC motor</u> 0.25 HP (0.19 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.25 HP (0.19 kW) 575 V 3 ph 60 Hz 0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.5 HP (0.37 kW) 575 V 3 ph 60 Hz 0.75 HP (0.56 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.75 HP (0.56 kW) 575 V 3 ph 60 Hz 1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 1 HP (0.75 kW) 575 V 3 ph 60 Hz <u>Food grade epoxy coated AC motor</u> 0.25 HP (0.19 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.25 HP (0.19 kW) 575 V 3 ph 60 Hz 0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.5 HP (0.37 kW) 575 V 3 ph 60 Hz 1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 1 HP (0.75 kW) 575 V 3 ph 60 Hz	0 A  0 B 0 C  0 D 0 E  0 F 0 G  0 H  1 A  1 B 1 C  1 D 1 E  1 F	
		<b>SITRANS WW200, open style</b> High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings. <u>Stainless steel AC motor</u> 0.33 HP (0.25 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.5 HP (0.37 kW) 1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz <b>Belting</b> <u>Polyurethane anti static 57 PIW</u> 2 ply FDA/USDA approved 2 ply with B-section flange walls FDA/USDA approved 2 ply with 2 inch (50 mm) corrugated side walls FDA/USDA approved <u>Silicone anti static 45 PIW</u> 2 ply FDA/USDA approved HT 177 °C (350 °F) <b>Belt change access side (looking from inlet to discharge)</b> Left hand Right hand

**SITRANS Weighfeeders**

SITRANS WW200

**Open style****Selection and ordering data**

## Order Code

## Article No.

**Further designs**

Please add **"-Z"** to article no. and specify order code(s).

Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)<sup>1)</sup>

**Y74**

Enter design units (TPH, MTPH, lb/h, kg/h)

**Y71**

Enter design speed (ft/m, m/s)

**Y72**

Enter design capacity/rate

**Y73**

AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1) (see "Reduction Ratio Selection Table" on page 5/7).

**Y75**

Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)

**Y01**

Class I, Div. 1, Group C&D; Class II, Div. 1, Group F&G approved electrical components

**E90**

Note: Weighfeeder does not carry hazardous approval, only components, not available with speed sensor options 3 ... 6, load cell options 0 ... 4 or with motor options 1A ... 2E<sup>2)</sup>

ATEX II 2D approved electrical components

**E91**

Note: Weighfeeder does not carry hazardous approval, only components, approval not available with speed sensor options 0, 3, 4, 5, 6, load cell options 0 ... 4 or motor options 1A ... 2E<sup>3)</sup>

Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications<sup>1)</sup>

**G11**

Pointek CLS100 Capacitance switch for plugged discharge chute detection

**G12**

Siemens start/stop, auto/manual, speed control, hand held operator

**G13**

Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt

**G14**

Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 5 only)

**G16**

Manufacturer's test certificate: According to EN 10204-2.2

**C11**

Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text

**Y15**

Discharge dust hood, painted mild steel with de-dust port

**H50**

Discharge dust hood, 304 stainless steel with de-dust port

**H51**

Discharge dust hood, 316 stainless steel with de-dust port

**H52**

Custom design

**Y99**

Specify quote reference when ordering

**Operating instructions**

- English

**A5E33560654**

Note:

The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

<sup>1)</sup> Available with material containment options D... L only.

<sup>2)</sup> 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.

<sup>3)</sup> Available with Drive Configuration standard motor options only, all motors suitable for 400 V operation only.



Selection and ordering data		Article No.			Article No.
<b>SITRANS WW200, enclosed style</b>		<b>7MH7303-</b>	<b>SITRANS WW200, enclosed style</b>		<b>7MH7303-</b>
High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.			High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.		
Add order code Y71 ... Y73 for all models to specify design data			52 inch (1 321 mm)		<b>4 A</b>
<b>Painted mild steel frame with painted mild steel enclosure style with C/L infeed to C/L discharge</b>			60 inch (1 524 mm)		<b>4 B</b>
<u>12 inch (305 mm) belt width</u>			68 inch (1 727 mm)		<b>4 C</b>
52 inch (1 321 mm)		<b>0 A</b>	76 inch (1 930 mm)		<b>4 D</b>
60 inch (1 524 mm)		<b>0 B</b>	84 inch (2 134 mm)		<b>4 E</b>
68 inch (1 727 mm)		<b>0 C</b>	92 inch (2 337 mm)		<b>4 F</b>
76 inch (1 930 mm)		<b>0 D</b>	100 inch (2 540 mm)		<b>4 G</b>
84 inch (2 134 mm)		<b>0 E</b>	108 inch (2 743 mm)		<b>4 H</b>
92 inch (2 337 mm)		<b>0 F</b>	116 inch (2 946 mm)		<b>4 J</b>
100 inch (2 540 mm)		<b>0 G</b>	<u>42 inch (1 067 mm) belt width</u>		
108 inch (2 743 mm)		<b>0 H</b>	52 inch (1 321 mm)		<b>5 A</b>
116 inch (2 946 mm)		<b>0 J</b>	60 inch (1 524 mm)		<b>5 B</b>
<u>18 inch (457 mm) belt width</u>			68 inch (1 727 mm)		<b>5 C</b>
52 inch (1 321 mm)		<b>1 A</b>	76 inch (1 930 mm)		<b>5 D</b>
60 inch (1 524 mm)		<b>1 B</b>	84 inch (2 134 mm)		<b>5 E</b>
68 inch (1 727 mm)		<b>1 C</b>	92 inch (2 337 mm)		<b>5 F</b>
76 inch (1 930 mm)		<b>1 D</b>	100 inch (2 540 mm)		<b>5 G</b>
84 inch (2 134 mm)		<b>1 E</b>	108 inch (2 743 mm)		<b>5 H</b>
92 inch (2 337 mm)		<b>1 F</b>	116 inch (2 946 mm)		<b>5 J</b>
100 inch (2 540 mm)		<b>1 G</b>	<u>48 inch (1 219 mm) belt width</u>		
108 inch (2 743 mm)		<b>1 H</b>	52 inch (1 321 mm)		<b>6 A</b>
116 inch (2 946 mm)		<b>1 J</b>	60 inch (1 524 mm)		<b>6 B</b>
<u>24 inch (610 mm) belt width</u>			68 inch (1 727 mm)		<b>6 C</b>
52 inch (1 321 mm)		<b>2 A</b>	76 inch (1 930 mm)		<b>6 D</b>
60 inch (1 524 mm)		<b>2 B</b>	84 inch (2 134 mm)		<b>6 E</b>
68 inch (1 727 mm)		<b>2 C</b>	92 inch (2 337 mm)		<b>6 F</b>
76 inch (1 930 mm)		<b>2 D</b>	100 inch (2 540 mm)		<b>6 G</b>
84 inch (2 134 mm)		<b>2 E</b>	108 inch (2 743 mm)		<b>6 H</b>
92 inch (2 337 mm)		<b>2 F</b>	116 inch (2 946 mm)		<b>6 J</b>
100 inch (2 540 mm)		<b>2 G</b>			
108 inch (2 743 mm)		<b>2 H</b>			
116 inch (2 946 mm)		<b>2 J</b>			
<u>30 inch (762 mm) belt width</u>					
52 inch (1 321 mm)		<b>3 A</b>			
60 inch (1 524 mm)		<b>3 B</b>			
68 inch (1 727 mm)		<b>3 C</b>			
76 inch (1 930 mm)		<b>3 D</b>			
84 inch (2 134 mm)		<b>3 E</b>			
92 inch (2 337 mm)		<b>3 F</b>			
100 inch (2 540 mm)		<b>3 G</b>			
108 inch (2 743 mm)		<b>3 H</b>			

# SITRANS Weighfeeders

## SITRANS WW200

### Enclosed style

#### Selection and ordering data

Article No.

Article No.

#### SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### Material containment construction

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch" for options B ... L

#### Shear gate inlet

Skirtboards AR400 steel

Skirtboards AR400 steel with cover

Skirtboards 304 stainless steel

Skirtboards 304 stainless steel, with cover

Skirtboards 304 stainless steel, #4 polished

Skirtboards 304 stainless steel, #4 polished with cover

Skirtboards 316 stainless steel

Skirtboards 316 stainless steel, with cover

Skirtboards 316 stainless steel, #4 polished

Skirtboards 316 stainless steel, #4 polished with cover

#### Load cell

#### Nickel plated steel

10 kg (22 lb)

15 kg (33 lb)

20 kg (44 lb)

30 kg (66 lb)

50 kg (110 lb)

#### Stainless steel

6 kg (13.2 lb) hermetically sealed

12 kg (26.5 lb) hermetically sealed

30 kg (66.1 lb) hermetically sealed

#### Speed sensor

#### Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

500 PPR optical encoder, stainless steel

1 000 PPR optical encoder, stainless steel

2 500 PPR optical encoder, stainless steel

#### Motor mounted

60 PPR motor mounted magnetic p/u

7MH7303-

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#### SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### Drive configuration

Add order code Y75 reduction ratio in plain text: "X:1". See table on page 5/15 for further info.

#### Standard AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

#### Food grade epoxy coated AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

#### Stainless steel AC motor

0.33 HP (0.25 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

#### Belting

#### Polyurethane anti static 57 PIW

2 ply FDA/USDA approved

2 ply with B-section flange walls  
FDA/USDA approved

2 ply with 2 inch (50 mm) corrugated side walls  
FDA/USDA approved

#### Silicone anti static 45 PIW

2 ply FDA/USDA approved HT 177 °C (350 °F)

#### Nitrile 135 PIW

3 ply

3 ply with B-section flange walls

3 ply with 2 inch (50 mm) corrugated side walls

#### Belt change access side (looking from inlet to discharge)

Left hand

Right hand

7MH7303-

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Selection and ordering data	Order Code	Article No.
<b>Further designs</b>		
Please add <b>"-Z"</b> to article no. and specify order code(s).		
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch) <sup>1)</sup>	<b>Y74</b>	<b>A5E33560654</b>  <b>Operating instructions</b> • English  Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.
Enter design units (TPH, MTPH, lb/h, kg/h)	<b>Y71</b>	
Enter design speed (ft/m, m/s)	<b>Y72</b>	
Enter design capacity/rate	<b>Y73</b>	
AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1) (see "Reduction Ratio Selection Table" on page 5/7).	<b>Y75</b>	
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	<b>Y01</b>	
Class I, Div. 1, Group C&D; Class II, Div. 1, Group F&G approved electrical components	<b>E90</b>	
Note: Weighfeeder does not carry hazardous approval, only components, not available with speed sensor options 3 ... 6, load cell options 0 ... 4 or with motor options 1A ... 2E <sup>2)</sup>		
ATEX II 2D approved electrical components	<b>E91</b>	
Note: Weighfeeder does not carry hazardous approval, only components, approval not available with speed sensor options 0, 3, 4, 5, 6, load cell options 0 ... 4 or motor options 1A ... 2E <sup>3)</sup>		
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications <sup>1)</sup>	<b>G11</b>	
Pointek CLS100 Capacitance switch for plugged discharge chute detection	<b>G12</b>	
Siemens start/stop, auto/manual, speed control, hand held operator	<b>G13</b>	
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	<b>G14</b>	
Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (Available with speed sensor options 0 ... 5 only)	<b>G16</b>	
Manufacturer's test certificate: According to EN 10204-2.2	<b>C11</b>	
Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text	<b>Y15</b>	
Custom design	<b>Y99</b>	
Specify quote reference when ordering		

<sup>1)</sup> Available with material containment options D... L only.

<sup>2)</sup> 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.

<sup>3)</sup> Available with Drive Configuration standard motor options only, all motors suitable for 400 V operation only.

**SITRANS Weighfeeders****SITRANS WW200****Enclosed style****Selection and ordering data**

Article No.

Article No.

**SITRANS WW200, enclosed style**

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

Add order code Y71 ... Y73 for all models to specify design data

**304 stainless steel frame with painted mild steel enclosure style with C/L infeed to C/L discharge**12 inch (305 mm) belt width

52 inch (1 321 mm)  
60 inch (1 524 mm)  
68 inch (1 727 mm)  
76 inch (1 930 mm)  
184 inch (2 134 mm)  
92 inch (2 337 mm)  
100 inch (2 540 mm)  
108 inch (2 743 mm)  
116 inch (2 946 mm)

**0 A**  
**0 B**  
**0 C**  
**0 D**  
**0 E**  
**0 F**  
**0 G**  
**0 H**  
**0 J**

18 inch (457 mm) belt width

52 inch (1 321 mm)  
60 inch (1 524 mm)  
68 inch (1 727 mm)  
76 inch (1 930 mm)  
84 inch (2 134 mm)  
92 inch (2 337 mm)  
100 inch (2 540 mm)  
108 inch (2 743 mm)  
116 inch (2 946 mm)

**1 A**  
**1 B**  
**1 C**  
**1 D**  
**1 E**  
**1 F**  
**1 G**  
**1 H**  
**1 J**

24 inch (610 mm) belt width

52 inch (1 321 mm)  
60 inch (1 524 mm)  
68 inch (1 727 mm)  
76 inch (1 930 mm)  
84 inch (2 134 mm)  
92 inch (2 337 mm)  
100 inch (2 540 mm)  
108 inch (2 743 mm)  
116 inch (2 946 mm)

**2 A**  
**2 B**  
**2 C**  
**2 D**  
**2 E**  
**2 F**  
**2 G**  
**2 H**  
**2 J**

30 inch (762 mm) belt width

52 inch (1 321 mm)  
60 inch (1 524 mm)  
68 inch (1 727 mm)  
76 inch (1 930 mm)  
84 inch (2 134 mm)  
92 inch (2 337 mm)  
100 inch (2 540 mm)  
108 inch (2 743 mm)  
116 inch (2 946 mm)

**3 A**  
**3 B**  
**3 C**  
**3 D**  
**3 E**  
**3 F**  
**3 G**  
**3 H**  
**3 J**

**SITRANS WW200, enclosed style**

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

36 inch (914 mm) belt width

52 inch (1 321 mm)  
60 inch (1 524 mm)  
68 inch (1 727 mm)  
76 inch (1 930 mm)  
84 inch (2 134 mm)  
92 inch (2 337 mm)  
100 inch (2 540 mm)  
108 inch (2 743 mm)  
116 inch (2 946 mm)

**4 A**  
**4 B**  
**4 C**  
**4 D**  
**4 E**  
**4 F**  
**4 G**  
**4 H**  
**4 J**

42 inch (1 067 mm) belt width

52 inch (1 321 mm)  
60 inch (1 524 mm)  
68 inch (1 727 mm)  
76 inch (1 930 mm)  
84 inch (2 134 mm)  
92 inch (2 337 mm)  
100 inch (2 540 mm)  
108 inch (2 743 mm)  
116 inch (2 946 mm)

**5 A**  
**5 B**  
**5 C**  
**5 D**  
**5 E**  
**5 F**  
**5 G**  
**5 H**  
**5 J**

48 inch (1 219 mm) belt width

52 inch (1 321 mm)  
60 inch (1 524 mm)  
68 inch (1 727 mm)  
76 inch (1 930 mm)  
84 inch (2 134 mm)  
92 inch (2 337 mm)  
100 inch (2 540 mm)  
108 inch (2 743 mm)  
116 inch (2 946 mm)

**6 A**  
**6 B**  
**6 C**  
**6 D**  
**6 E**  
**6 F**  
**6 G**  
**6 H**  
**6 J**

# SITRANS Weighfeeders

## SITRANS WW200

### Enclosed style

#### Selection and ordering data

Article No.

Article No.

##### SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

##### Material containment construction

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch" for options D ... L

##### Shear gate inlet

Skirtboards AR400 steel

Skirtboards AR400 steel with cover

Skirtboards 304 stainless steel

Skirtboards 304 stainless steel, with cover

Skirtboards 304 stainless steel, #4 polished

Skirtboards 304 stainless steel, #4 polished with cover

Skirtboards 316 stainless steel

Skirtboards 316 stainless steel, with cover

Skirtboards 316 stainless steel, #4 polished

Skirtboards 316 stainless steel, #4 polished with cover

##### Load cell

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

##### Speed sensor

##### Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

500 PPR optical encoder, stainless steel

1 000 PPR optical encoder, stainless steel

2 500 PPR optical encoder, stainless steel

##### Motor mounted

60 PPR magnetic p/u

##### Drive configuration

Add order code Y75 reduction ratio in plain text: "X:1". See table on page 5/15 for further info

##### Standard AC motor

0.25 HP (0.19 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

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##### SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

##### Food grade epoxy coated AC motor

0.25 HP (0.19 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

##### Stainless steel AC motor

0.33 HP (0.25 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

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1 HP (0.75 kW) 575 V 3 ph 60 Hz

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**SITRANS Weighfeeders****SITRANS WW200****Enclosed style****Selection and ordering data****Order Code****Article No.****Further designs**

Please add **"-Z"** to article no. and specify order code(s).

Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)<sup>1)</sup>

**Y74**

Enter design units (TPH, MTPH, lb/h, kg/h)

**Y71**

Enter design speed (ft/m, m/s)

**Y72**

Enter design capacity/rate

**Y73**

AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1) (see "Reduction Ratio Selection Table" on page 5/7).

**Y75**

Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)

**Y01**

Class I, Div. 1, Group C&D; Class II, Div. 1, Group F&G approved electrical components

**E90**

Note: Weighfeeder does not carry hazardous approval, only components, not available with speed sensor options 3 ... 6, load cell options 0 ... 4 or with motor options 1A ... 2E<sup>2)</sup>

ATEX II 2D approved electrical components

**E91**

Note: Weighfeeder does not carry hazardous approval, only components, approval not available with speed sensor options 0, 3, 4, 5, 6, load cell options 0 ... 4 or motor options 1A ... 2E<sup>3)</sup>

Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications<sup>1)</sup>

**G11**

Pointek CLS100 Capacitance switch for plugged discharge chute detection

**G12**

Siemens start/stop, auto/manual, speed control, hand held operator

**G13**

Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt

**G14**

Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 5 only)

**G16**

Manufacturer's test certificate: According to EN 10204-2.2

**C11**

Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text

**Y15**

Custom design

**Y99**

Specify quote reference when ordering

**Operating instructions**

- English

**A5E33560654**

Note:

The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

<sup>1)</sup> Available with material containment options B... L only.

<sup>2)</sup> 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.

<sup>3)</sup> Available with Drive Configuration standard motor options only, all motors suitable for 400 V operation only.

Selection and ordering data		Article No.		Article No.
<b>SITRANS WW200, enclosed style</b>		<b>7MH7305-</b>		<b>7MH7305-</b>
High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.				
Add order code Y71 ... Y73 for all models to specify design data				
<b>304 stainless steel frame with 304 stainless steel enclosure style with C/L infeed to C/L discharge</b>				
<u>12 inch (305 mm) belt width</u>				
52 inch (1 321 mm)	0 A			4 A
60 inch (1 524 mm)	0 B			4 B
68 inch (1 727 mm)	0 C			4 C
76 inch (1 930 mm)	0 D			4 D
84 inch (2 134 mm)	0 E			4 E
92 inch (2 337 mm)	0 F			4 F
100 inch (2 540 mm)	0 G			4 G
108 inch (2 743 mm)	0 H			4 H
116 inch (2 946 mm)	0 J			4 J
<u>18 inch (457 mm) belt width</u>				
52 inch (1 321 mm)	1 A			5 A
60 inch (1 524 mm)	1 B			5 B
68 inch (1 727 mm)	1 C			5 C
76 inch (1 930 mm)	1 D			5 D
84 inch (2 134 mm)	1 E			5 E
92 inch (2 337 mm)	1 F			5 F
100 inch (2 540 mm)	1 G			5 G
108 inch (2 743 mm)	1 H			5 H
116 inch (2 946 mm)	1 J			5 J
<u>24 inch (610 mm) belt width</u>				
52 inch (1 321 mm)	2 A			6 A
60 inch (1 524 mm)	2 B			6 B
68 inch (1 727 mm)	2 C			6 C
76 inch (1 930 mm)	2 D			6 D
84 inch (2 134 mm)	2 E			6 E
92 inch (2 337 mm)	2 F			6 F
100 inch (2 540 mm)	2 G			6 G
108 inch (2 743 mm)	2 H			6 H
116 inch (2 946 mm)	2 J			6 J
<u>30 inch (762 mm) belt width</u>				
52 inch (1 321 mm)	3 A			
60 inch (1 524 mm)	3 B			
68 inch (1 727 mm)	3 C			
76 inch (1 930 mm)	3 D			
84 inch (2 134 mm)	3 E			
92 inch (2 337 mm)	3 F			
100 inch (2 540 mm)	3 G			
108 inch (2 743 mm)	3 H			
116 inch (2 946 mm)	3 J			
<b>SITRANS WW200, enclosed style</b>				
High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.				
<u>36 inch (914 mm) belt width</u>				
52 inch (1 321 mm)				
60 inch (1 524 mm)				
68 inch (1 727 mm)				
76 inch (1 930 mm)				
84 inch (2 134 mm)				
92 inch (2 337 mm)				
100 inch (2 540 mm)				
108 inch (2 743 mm)				
116 inch (2 946 mm)				
<u>42 inch (1 067 mm) belt width</u>				
52 inch (1 321 mm)				
60 inch (1 524 mm)				
68 inch (1 727 mm)				
76 inch (1 930 mm)				
84 inch (2 134 mm)				
92 inch (2 337 mm)				
100 inch (2 540 mm)				
108 inch (2 743 mm)				
116 inch (2 946 mm)				
<u>48 inch (1 219 mm) belt width</u>				
52 inch (1 321 mm)				
60 inch (1 524 mm)				
68 inch (1 727 mm)				
76 inch (1 930 mm)				
84 inch (2 134 mm)				
92 inch (2 337 mm)				
100 inch (2 540 mm)				
108 inch (2 743 mm)				
116 inch (2 946 mm)				

# SITRANS Weighfeeders

## SITRANS WW200

### Enclosed style

#### Selection and ordering data

Article No.

Article No.

##### SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

##### Material containment construction

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch" for options D ... L

##### Shear gate inlet

Skirtboards 304 stainless steel

Skirtboards 304 stainless steel, with cover

Skirtboards 304 stainless steel, #4 polished

Skirtboards 304 stainless steel, #4 polished with cover

Skirtboards 316 stainless steel

Skirtboards 316 stainless steel, with cover

Skirtboards 316 stainless steel, #4 polished

Skirtboards 316 stainless steel, #4 polished with cover

##### Load cell

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

##### Speed sensor

##### Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

500 PPR optical encoder, stainless steel

1 000 PPR optical encoder, stainless steel

2 500 PPR optical encoder, stainless steel

##### Motor mounted

60 PPR magnetic p/u

##### Drive configuration

Add order code Y75 reduction ratio in plain text: "X:1". See table on page 5/15 for further info.

##### Standard AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

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##### SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

##### Food grade epoxy coated AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

##### Stainless steel AC motor

0.33 HP (0.25 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

##### Belting

##### Polyurethane anti static 57 PIW

2 ply FDA/USDA approved

2 ply with B-section flange walls FDA/USDA approved

2 ply with 2 inch (50 mm) corrugated side walls FDA/USDA approved

##### Silicone anti static 45 PIW

2 ply FDA/USDA approved HT 177 °C (350 °F)

##### Belt change access side (looking from inlet to discharge)

Left hand

Right hand

7MH7305-

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Selection and ordering data	Order Code	Article No.
<b>Further designs</b>		
Please add <b>"-Z"</b> to article no. and specify order code(s).		
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch) <sup>1)</sup>	<b>Y74</b>	
Enter design units (TPH, MTPH, lb/h, kg/h)	<b>Y71</b>	
Enter design speed (ft/m, m/s)	<b>Y72</b>	
Enter design capacity/rate	<b>Y73</b>	
AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1) (see "Reduction Ratio Selection Table" on page 5/7).	<b>Y75</b>	
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	<b>Y01</b>	
Class I, Div. 1, Group C&D; Class II, Div. 1, Group F&G approved electrical components	<b>E90</b>	
Note: Weighfeeder does not carry hazardous approval, only components, not available with speed sensor options 3 ... 6, load cell options 0 ... 4 or with motor options 1A ... 2E <sup>2)</sup>		
ATEX II 2D approved electrical components	<b>E91</b>	
Note: Weighfeeder does not carry hazardous approval, only components, approval not available with speed sensor options 0, 3, 4, 5, 6, load cell options 0 ... 4 or motor options 1A ... 2E <sup>3)</sup>		
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications <sup>1)</sup>	<b>G11</b>	
Pointek CLS100 Capacitance switch for plugged discharge chute detection	<b>G12</b>	
Siemens start/stop, auto/manual, speed control, hand held operator	<b>G13</b>	
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	<b>G14</b>	
Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (Available with speed sensor options 0 ... 5 only)	<b>G16</b>	
Manufacturer's test certificate: According to EN 10204-2.2	<b>C11</b>	
Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text	<b>Y15</b>	
Custom design	<b>Y99</b>	
Specify quote reference when ordering		
<b>Operating instructions</b>		
• English		<b>A5E33560654</b>
Note:		
The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.		

<sup>1)</sup> Available with material containment options D ... L only.

<sup>2)</sup> 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.

<sup>3)</sup> Available with Drive Configuration standard motor options only, all motors suitable for 400 V operation only.

**SITRANS Weighfeeders****SITRANS WW200****Enclosed style****Selection and ordering data****SITRANS WW200, enclosed style**

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

Add order code Y71 ... Y73 for all models to specify design data

**316 stainless steel frame with painted mild steel enclosure style with C/L infeed to C/L discharge**12 inch (305 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

18 inch (457 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

24 inch (610 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

30 inch (762 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

Article No.

**7MH7306-****0 A****0 B****0 C****0 D****0 E****0 F****0 G****0 H****0 J****1 A****1 B****1 C****1 D****1 E****1 F****1 G****1 H****1 J****2 A****2 B****2 C****2 D****2 E****2 F****2 G****2 H****2 J****3 A****3 B****3 C****3 D****3 E****3 F****3 G****3 H****3 J****SITRANS WW200, enclosed style**

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

36 inch (914 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

42 inch (1 067 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

48 inch (1 219 mm) belt width

52 inch (1 321 mm)

60 inch (1 524 mm)

68 inch (1 727 mm)

76 inch (1 930 mm)

84 inch (2 134 mm)

92 inch (2 337 mm)

100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

Article No.

**7MH7306-****4 A****4 B****4 C****4 D****4 E****4 F****4 G****4 H****4 J****5 A****5 B****5 C****5 D****5 E****5 F****5 G****5 H****5 J****6 A****6 B****6 C****6 D****6 E****6 F****6 G****6 H****6 J**

Selection and ordering data	Article No.	Article No.
<b>SITRANS WW200, enclosed style</b> High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.  Add order code Y74 and plain text: "Arc radius in inches ... XX.XXX" for options H ... L <u>Shear gate inlet</u> Skirtboards 316 stainless steel Skirtboards 316 stainless steel, with cover Skirtboards 316 stainless steel, #4 polished Skirtboards 316 stainless steel, #4 polished with cover <b>Load cell</b> 6 kg (13.2 lb) stainless steel, hermetically sealed 12 kg (26.5 lb) stainless steel, hermetically sealed 30 kg (66.1 lb) stainless steel, hermetically sealed <b>Speed sensor</b> <u>Shaft mounted</u> 500 PPR optical encoder 1 000 PPR optical encoder 2 500 PPR optical encoder 500 PPR optical encoder, stainless steel 1 000 PPR optical encoder, stainless steel 2 500 PPR optical encoder, stainless steel <u>Motor mounted</u> 60 PPR motor mounted magnetic p/u <b>Drive configuration</b> Add order code Y75 reduction ratio in plain text: "X:1". See table on page 5/15 for further info. <u>Standard AC motor</u> 0.25 HP (0.19 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.25 HP (0.19 kW) 575 V 3 ph 60 Hz 0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.5 HP (0.37 kW) 575 V 3 ph 60 Hz 0.75 HP (0.56 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.75 HP (0.56 kW) 575 V 3 ph 60 Hz 1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 1 HP (0.75 kW) 575 V 3 ph 60 Hz <u>Food grade epoxy coated AC motor</u> 0.25 HP (0.19 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.25 HP (0.19 kW) 575 V 3 ph 60 Hz 0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.5 HP (0.37 kW) 575 V 3 ph 60 Hz 1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 1 HP (0.75 kW) 575 V 3 ph 60 Hz	<b>7MH7306-</b>     <b>H</b> <b>J</b> <b>K</b> <b>L</b>  <b>5</b> <b>6</b> <b>7</b>  <b>0</b> <b>1</b> <b>2</b> <b>3</b> <b>4</b> <b>5</b>  <b>6</b>   <	

**SITRANS Weighfeeders****SITRANS WW200****Enclosed style****Selection and ordering data**

## Order Code

**Further designs**

Please add **"-Z"** to article no. and specify order code(s).

Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)<sup>1)</sup>

Enter design units (TPH, MTPH, lb/h, kg/h)

Enter design speed (ft/m, m/s)

Enter design capacity/rate

AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1) (see "Reduction Ratio Selection Table" on page 5/7).

Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)

Class I, Div. 1, Group C&D; Class II, Div. 1, Group F&G approved electrical components

Note: Weighfeeder does not carry hazardous approval, only components, not available with speed sensor options 3 ... 6, load cell options 0 ... 4 or with motor options 1A ... 2E<sup>2)</sup>

ATEX II 2D approved electrical components

Note: Weighfeeder does not carry hazardous approval, only components, approval not available with speed sensor options 0, 3, 4, 5, 6, load cell options 0 ... 4 or motor options 1A ... 2E<sup>3)</sup>

Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications<sup>1)</sup>

Pointek CLS100 Capacitance switch for plugged discharge chute detection

Siemens start/stop, auto/manual, speed control, hand held operator

Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt

Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (Available with speed sensor options 0 ... 5 only)

Manufacturer's test certificate: According to EN 10204-2.2

Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text

Custom design

Specify quote reference when ordering

**Operating instructions**

- English

Note:

The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

Article No.

**A5E33560654**

<sup>1)</sup> Available with material containment options D ... L only.

<sup>2)</sup> 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.

<sup>3)</sup> Available with Drive Configuration standard motor options only, all motors suitable for 400 V operation only.

Selection and ordering data		Article No.		Article No.
<b>SITRANS WW200, enclosed style</b>		<b>7MH7307-</b>		<b>7MH7307-</b>
High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.				
Add order code Y71 ... Y73 for all models to specify design data				
<b>316 stainless steel frame with 304 stainless steel enclosure style with C/L infeed to C/L discharge</b>				
<u>12 inch (305 mm) belt width</u>				
52 inch (1 321 mm)	0 A			4 A
60 inch (1 524 mm)	0 B			4 B
68 inch (1 727 mm)	0 C			4 C
76 inch (1 930 mm)	0 D			4 D
84 inch (2 134 mm)	0 E			4 E
92 inch (2 337 mm)	0 F			4 F
100 inch (2 540 mm)	0 G			4 G
108 inch (2 743 mm)	0 H			4 H
116 inch (2 946 mm)	0 J			4 J
<u>18 inch (457 mm) belt width</u>				
52 inch (1 321 mm)	1 A			5 A
60 inch (1 524 mm)	1 B			5 B
68 inch (1 727 mm)	1 C			5 C
76 inch (1 930 mm)	1 D			5 D
84 inch (2 134 mm))	1 E			5 E
92 inch (2 337 mm)	1 F			5 F
100 inch (2 540 mm)	1 G			5 G
108 inch (2 743 mm)	1 H			5 H
116 inch (2 946 mm)	1 J			5 J
<u>24 inch (610 mm) belt width</u>				
52 inch (1 321 mm)	2 A			6 A
60 inch (1 524 mm)	2 B			6 B
68 inch (1 727 mm)	2 C			6 C
76 inch (1 930 mm)	2 D			6 D
84 inch (2 134 mm)	2 E			6 E
92 inch (2 337 mm)	2 F			6 F
100 inch (2 540 mm)	2 G			6 G
108 inch (2 743 mm)	2 H			6 H
116 inch (2 946 mm)	2 J			6 J
<u>30 inch (762 mm) belt width</u>				
52 inch (1 321 mm)	3 A			
60 inch (1 524 mm)	3 B			
68 inch (1 727 mm)	3 C			
76 inch (1 930 mm)	3 D			
84 inch (2 134 mm)	3 E			
92 inch (2 337 mm)	3 F			
100 inch (2 540 mm)	3 G			
108 inch (2 743 mm)	3 H			
116 inch (2 946 mm)	3 J			
<b>SITRANS WW200, enclosed style</b>				
High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.				
<u>36 inch (914 mm) belt width</u>				
52 inch (1 321 mm)				
60 inch (1 524 mm)				
68 inch (1 727 mm)				
76 inch (1 930 mm)				
84 inch (2 134 mm)				
92 inch (2 337 mm)				
100 inch (2 540 mm)				
108 inch (2 743 mm)				
116 inch (2 946 mm)				
<u>42 inch (1 067 mm) belt width</u>				
52 inch (1 321 mm)				
60 inch (1 524 mm)				
68 inch (1 727 mm)				
76 inch (1 930 mm)				
84 inch (2 134 mm)				
92 inch (2 337 mm)				
100 inch (2 540 mm)				
108 inch (2 743 mm)				
116 inch (2 946 mm)				
<u>48 inch (1 219 mm) belt width</u>				
52 inch (1 321 mm)				
60 inch (1 524 mm)				
68 inch (1 727 mm)				
76 inch (1 930 mm)				
84 inch (2 134 mm)				
92 inch (2 337 mm)				
100 inch (2 540 mm)				
108 inch (2 743 mm)				
116 inch (2 946 mm)				

# SITRANS Weighfeeders

## SITRANS WW200

### Enclosed style

#### Selection and ordering data

Article No.

Article No.

##### SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

##### Material containment construction

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch" for options H ... L

Shear gate inlet and skirtboards 316 stainless steel

Shear gate inlet and skirtboards 316 stainless steel, with cover

Shear gate inlet and skirtboards 316 stainless steel, #4 polished

Shear gate inlet and skirtboards 316 stainless steel, #4 polished with cover

##### Load cell

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

##### Speed sensor

500 PPR shaft mounted optical encoder

1 000 PPR shaft mounted optical encoder

2 500 PPR shaft mounted optical encoder

500 PPR shaft mounted optical encoder, stainless steel

1 000 PPR shaft mounted optical encoder, stainless steel

2 500 PPR shaft mounted optical encoder, stainless steel

60 PPR motor mounted magnetic p/u

##### Drive configuration

Add order code Y75 reduction ratio in plain text: "X:1". See table on page 5/15 for further info.

##### Standard AC motor

0.25 HP (0.19 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

##### Food grade epoxy coated AC motor

0.25 HP (0.19 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

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##### SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

##### Stainless steel AC motor

0.33 HP (0.25 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

##### Belting

Polyurethane anti static 57 PIW,  
2 ply FDA/USDA approved

Polyurethane anti static 57 PIW, 2 ply with B-section  
flange walls FDA/USDA approved

Polyurethane anti static 57 PIW, 2 ply with 2 inch  
(50 mm) corrugated side walls FDA/USDA  
approved

Silicone anti static 45 PIW, 2 ply FDA/USDA  
approved HT 177 °C (350 °F)

##### Belt change access side (looking from inlet to discharge)

Left hand

Right hand

7MH7307-

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Selection and ordering data	Order Code	Article No.
<b>Further designs</b> Please add <b>"-Z"</b> to article no. and specify order code(s).		<b>A5E33560654</b>  <b>Operating instructions</b> • English  Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch) <sup>1)</sup>	<b>Y74</b>	
Enter design units (TPH, MTPH, lb/h, kg/h)	<b>Y71</b>	
Enter design speed (ft/m, m/s)	<b>Y72</b>	
Enter design capacity/rate	<b>Y73</b>	
AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1) (see "Reduction Ratio Selection Table" on page 5/7).	<b>Y75</b>	
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	<b>Y01</b>	
Class I, Div. 1, Group C&D; Class II, Div. 1, Group F&G approved electrical components	<b>E90</b>	
Note: Weighfeeder does not carry hazardous approval, only components, not available with speed sensor options 3 ... 6, load cell options 0 ... 4 or with motor options 1A ... 2E <sup>2)</sup>		
ATEX II 2D approved electrical components	<b>E91</b>	
Note: Weighfeeder does not carry hazardous approval, only components, approval not available with speed sensor options 0, 3, 4, 5, 6, load cell options 0 ... 4 or motor options 1A ... 2E <sup>3)</sup>		
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications <sup>1)</sup>	<b>G11</b>	
Pointek CLS100 Capacitance switch for plugged discharge chute detection	<b>G12</b>	
Siemens start/stop, auto/manual, speed control, hand held operator	<b>G13</b>	
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	<b>G14</b>	
Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (Available with speed sensor options 0 ... 5 only)	<b>G16</b>	
Manufacturer's test certificate: According to EN 10204-2.2	<b>C11</b>	
Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text	<b>Y15</b>	
Custom design Specify quote reference when ordering.	<b>Y99</b>	

<sup>1)</sup> Available with material containment options D ... L only.

<sup>2)</sup> 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.

<sup>3)</sup> Available with Drive Configuration standard motor options only, all motors suitable for 400 V operation only.





**Selection and ordering data**

Article No.

Article No.

**SITRANS WW200, enclosed style**

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

**Material containment construction**

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch" for options H ... L

Shear gate inlet

Skirtboards 316 stainless steel

Skirtboards 316 stainless steel, with cover

Skirtboards 316 stainless steel, #4 polished

Skirtboards 316 stainless steel, #4 polished with cover

**Load cell**

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

**Speed sensor**Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

500 PPR optical encoder, stainless steel

1 000 PPR optical encoder, stainless steel

2 500 PPR optical encoder, stainless steel

Motor mounted

60 PPR magnetic p/u

**Drive configuration**

Add order code Y75 reduction ratio in plain text: "X:1". See table on page 5/15 for further info.

Standard AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

7MH7308-

**SITRANS WW200, enclosed style**

High accuracy solids weighfeeder for low to medium capacity applications. Improves processing, increases efficiency and provides significant cost savings.

Food grade epoxy coated AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

Stainless steel AC motor

0.33 HP (0.25 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

**Belting**

Polyurethane anti static 57 PIW,  
2 ply FDA/USDA approved

Polyurethane anti static 57 PIW, 2 ply with B-section  
flange walls FDA/USDA approved

Polyurethane anti static 57 PIW, 2 ply with 2 inch  
(50 mm) corrugated side walls  
FDA/USDA approved

Silicone anti static 45 PIW, 2 ply FDA/USDA  
approved HT 177 °C (350 °F)

**Belt change access side  
(looking from inlet to discharge)**

Left hand

Right hand

7MH7308-



**SITRANS Weighfeeders****SITRANS WW200****Enclosed style****Selection and ordering data****Order Code****Article No.****Further designs**

Please add **"-Z"** to article no. and specify order code(s).

Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)<sup>1)</sup>

Enter design units (TPH, MTPH, lb/h, kg/h)

Enter design speed (ft/m, m/s)

Enter design capacity/rate

AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1) (see "Reduction Ratio Selection Table" on page 5/7).

Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)

Class I, Div. 1, Group C&D; Class II, Div. 1, Group F&G approved electrical components

Note: Weighfeeder does not carry hazardous approval, only components, not available with speed sensor options 3 ... 6, load cell options 0 ... 4 or with motor options 1A ... 2E<sup>2)</sup>

ATEX II 2D approved electrical components

Note: Weighfeeder does not carry hazardous approval, only components, approval not available with speed sensor options 0, 3, 4, 5, 6, load cell options 0 ... 4 or motor options 1A ... 2E<sup>3)</sup>

Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications<sup>1)</sup>

Pointek CLS100 Capacitance switch for plugged discharge chute detection

Siemens start/stop, auto/manual, speed control, hand held operator

Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt

Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (Available with speed sensor options 0 ... 5 only)

Manufacturer's test certificate: According to EN 10204-2.2

Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text

Custom design

Specify quote reference when ordering.

**Operating instructions**

- English

Note:

The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

**A5E33560654**

<sup>1)</sup> Available with material containment options D ... L only.

<sup>2)</sup> 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.

<sup>3)</sup> Available with Drive Configuration standard motor options only, all motors suitable for 400 V operation only.

<b>Selection and ordering data</b>		Article No.	Article No.
<b>Accessories</b>			
Test chain 1.62 lb/ft, 2.41 kg/m - 60 inches long	<b>7MH7723-1NF</b>	Head bearing replacement kit mild steel (includes 2 bearings)	<b>7MH7723-1QM</b>
Start, Stop, Hand/Off/Auto, speed pot local operator station	<b>7MH7723-1JA</b>	Tail bearing replacement kit mild steel (includes 2 bearings)	<b>7MH7723-1QN</b>
E-stop push button, enclosed style	<b>3SB38010DF3</b>	Head bearing replacement kit stainless steel (includes 2 bearings)	<b>7MH7723-1QP</b>
CLS100 plugged discharge chute retrofit kit (includes CLS100, material hood)	<b>7MH7723-1JE</b>	Tail bearing replacement kit stainless steel (includes 2 bearings)	<b>7MH7723-1QQ</b>
Siemens, MM420, 0.5 HP 0.37 kW, 380 ... 480 V 3 ph 50/60 Hz	<b>6SE6420UD137AA1</b>	Skirtboard seal replacement kit	<b>7MH7723-1QR</b>
Siemens, MM420, 0.75 HP 0.56 kW, 380 ... 480 V 3 ph 50/60 Hz	<b>6SE6420UD155AA1</b>	Enclosure latches (includes 5 latches)	<b>7MH7723-1QS</b>
Siemens, MM420, 1 HP 0.75 kW, 380 ... 480 V 3 ph 50/60 Hz	<b>6SE6420UD175AA1</b>	Enclosure latches stainless steel (includes 5 latches)	<b>7MH7723-1QT</b>
Siemens, MM440, 1 HP 0.75 kW, 500 ... 600 V 3 ph 60 Hz	<b>6SE6440UE175CA</b>	Motor, 0.25 HP (0.19 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NG</b>
Siemens, MM420/440, Bop keypad	<b>6SE64000BP000AA1</b>	Motor, 0.5 HP (0.37 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NH</b>
<u>Calibration hanger weights</u>		Motor, 0.75 HP (0.56 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NJ</b>
200 g (0.4 lb)	<b>7MH7724-1AF</b>	Motor, 1 HP (0.75 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NK</b>
500 g (1.1 lb)	<b>7MH7724-1AG</b>	Motor, 0.25 HP (0.19 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NL</b>
1 000 g (2.2 lb)	<b>7MH7724-1AH</b>	Motor, 0.5 HP (0.37 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NM</b>
2 000 g (4.4 lb)	<b>7MH7724-1AJ</b>	Motor, 0.75 HP (0.56 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NN</b>
3 500 g (7.7 lb)	<b>7MH7724-1BQ</b>	Motor, 1 HP (0.75 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NP</b>
5 000 g (11 lb)	<b>7MH7724-1AK</b>	Motor, 0.25 HP (0.19 kW) epoxy coated, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NQ</b>
7 500 g (16.5 lb)	<b>7MH7724-1BR</b>	Motor, 0.5 HP (0.37 kW) epoxy coated, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NR</b>
8 500 g (18.7 lb)	<b>7MH7724-1BS</b>	Motor, 1 HP (0.75 kW) epoxy coated, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NS</b>
10 000 (22 lb)	<b>7MH7724-1BT</b>	Motor, 0.25 HP (0.19 kW) epoxy coated, 575 V – 50 Hz 3 ph	<b>7MH7723-1NT</b>
12 000 g (26.5 lb)	<b>7MH7724-1BU</b>	Motor, 0.5 HP (0.37 kW) epoxy coated, 575 V – 50 Hz 3 ph	<b>7MH7723-1NU</b>
15 000 g (33.1 lb)	<b>7MH7724-1BV</b>	Motor, 1 HP (0.75 kW) epoxy coated, 575 V – 50 Hz 3 ph	<b>7MH7723-1NW</b>
Note: Calibration accessories should be ordered as a separate item on the order		Motor, 0.33 HP (0.25 kW) stainless steel, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NX</b>
<b>Spare parts</b>		Motor, 0.5 HP (0.37 kW) stainless steel, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NY</b>
6 kg (13.2 lb) stainless steel load cell	<b>7MH7725-1EG</b>	Motor, 1 HP (0.75 kW) stainless steel, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PA</b>
12 kg (26.4 lb) stainless steel load cell	<b>7MH7725-1EH</b>	Belt	See 7MH7201
30 kg (66.2 lb) stainless steel load cell	<b>7MH7725-1EJ</b>	Gear reducer	See 7MH7200
10 kg (22 lb) nickel plated steel load cell	<b>7MH7725-1EK</b>		
15 kg (33.1 lb) nickel plated steel load cell	<b>7MH7725-1EL</b>		
20 kg (44 lb) nickel plated steel load cell	<b>7MH7725-1EM</b>		
30 kg (66.2 lb) nickel plated steel load cell	<b>7MH7725-1EN</b>		
50 kg (110.2 lb) nickel plated steel load cell	<b>7MH7725-1EP</b>		
Slider bar Delrin	<b>7MH7723-1KG</b>		
500 PPR optical encoder	<b>6FX20012PA50</b>		
1 000 PPR optical encoder	<b>6FX20012PB00</b>		
2 500 PPR optical encoder	<b>6FX20012PC50</b>		
Optical encoder connector	<b>6FX20030SU12</b>		
Siemens Encoder connector with 20 ft cable	<b>7MH7723-1KM</b>		
Encoder, EPC 802 Stainless steel, 500 PPR	<b>7MH7723-1HG</b>		
Encoder, EPC 802 Stainless steel, 1 000 PPR	<b>7MH7723-1HH</b>		
Encoder, EPC 802 Stainless steel, 2 500 PPR	<b>7MH7723-1HJ</b>		
Magnetic proximity switch	<b>7MH7723-1GA</b>		
Motor mounted sensor flange 56C	<b>7MH7723-1RB</b>		
Belt tracking switch	<b>3SE5112-0CR01</b>		
Termination box 1,2,4 load cell and speed sensor, mild steel	<b>7MH7723-1ND</b>		
Termination box 1,2,4 load cell and speed sensor, stainless steel	<b>7MH7723-1NE</b>		

# SITRANS Weighfeeders

## SITRANS WW200

### Accessories and spare parts

#### Selection and ordering data

Article No.

Article No.

#### *Hazardous rated electrical spare parts*

##### Load cells

6 kg (13.2 lb) stainless steel load cell,  
ATEX II 2D/Class I Div. 1, groups C&D,  
Class II Div. 1, groups F&G

**7MH7725-1EQ**

12 kg (26.4 lb) stainless steel load cell,  
ATEX II 2D/Class I Div. 1, groups C&D,  
Class II Div. 1, groups F&G

**7MH7725-1ER**

30 kg (66.2 lb) stainless steel load cell,  
ATEX II 2D/Class I Div. 1, groups C&D,  
Class II Div. 1, groups F&G

**7MH7725-1ES**

##### Optical encoders

500 PPR optical encoder,  
Class I Div. 1, groups C&D,  
Class II Div. 1, groups F&G

**7MH7723-1QU**

1 000 PPR optical encoder,  
Class I Div. 1, groups C&D,  
Class II Div. 1, groups F&G

**7MH7723-1QV**

2 500 PPR optical encoder,  
Class I Div. 1, groups C&D,  
Class II Div. 1, groups F&G

**7MH7723-1QW**

1 000 PPR optical encoder, ATEX II 2D

**7MH7723-1QX**

2 500 PPR optical encoder, ATEX II 2D

**7MH7723-1QY**

##### Motors

Motor, 0.25 HP 0.19 kW,  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PB**

Motor, 0.5 HP 0.37 kW,  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PC**

Motor, 0.75 HP 0.56 kW,  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PD**

Motor, 1 HP 0.75 kW,  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1NV**

Motor, 0.25 HP 0.19 kW,  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QA**

Motor, 0.5 HP 0.37 kW,  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QB**

Motor, 0.75 HP 0.56 kW,  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QC**

Motor, 1 HP 0.75 kW,  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QD**

Motor, 0.25 HP 0.19 kW,  
ATEX II 2D, 400 V – 50 Hz 3 ph

**1LA90734KA94-Z**

Motor, 0.5 HP 0.37 kW,  
ATEX II 2D, 400 V – 50 Hz 3 ph

**1LA90834KA94-Z**

Motor, 0.75 HP 0.56 kW,  
ATEX II 2D, 400 V – 50 Hz 3 ph

**1LA90904KA94-Z**

Motor, 1 HP 0.75 kW,  
ATEX II 2D, 400 V – 50 Hz 3 ph

**1LA90964KA94-Z**

Belt tracking switch, ATEX II 2D/Class I Div. 1,  
groups C&D, Class II Div. 1, groups F&G

**7MH7723-1RA**

#### SITRANS WW200 gear reducer

Helical worm gear reducer for use with WW200  
weighfeeders CAF48 style for use with  
7MH7300 - 7MH7308, Y75 order code info  
indicates reduction ratio on weighfeeder

**7MH7200-** **0**

##### Construction

Painted mild steel

**0**

Food grade epoxy painted mild steel with food  
grade oil

**1**

##### Reduction Ratio (X:1)

1 059

**AA**

937

**AB**

865

**AC**

745

**AD**

677

**AE**

615

**AF**

558

**AG**

508

**AH**

449

**AJ**

414

**AK**

357

**AL**

324

**AM**

320.67

**BA**

284.7

**BB**

249.6

**BC**

223.36

**BD**

198.25

**BE**

173.73

**BF**

152.75

**BG**

138

**BH**

120.25

**BJ**

108

**BK**

97.5

**BL**

88.4

**BM**

80.44

**BN**

71.12

**BP**

65.68

**BQ**

56.55

**BR**

51.41

**BS**

46.93

**BT**

42

**BU**

37.28

**BV**

##### Type

Standard<sup>1)</sup>

**0**

For use with ATEX rated 0.25 HP (0.18 kW) motor<sup>2)</sup>

**1**

For use with ATEX rated 0.5 HP (0.37 kW) motor<sup>2)</sup>

**2**

For use with ATEX rated 0.75 HP (0.56 kW) motor<sup>2)</sup>

**3**

For use with ATEX rated 1 HP (0.75 kW) motor<sup>2)</sup>

**4**

##### Further designs

Order Code

Please add "-Z" to article no. and specify order  
code(s).

##### Motor

Standard


**A06**

For use with ATEX rated motor

**A04**

<sup>1)</sup> Select order code A06.

<sup>2)</sup> Select order code A04.

Selection and ordering data		Article No.	Article No.	
<b>SITRANS WW200 belt</b>		<b>7MH7201-</b>	<b>SITRANS WW200 belt</b>	
Endless belt for use with WW200 weighfeeders		 0	Endless belt for use with WW200 weighfeeders	
For use with 7MH7300, pulley CL data based on telescoper in fully retracted position.			For use with 7MH7300, pulley CL data based on telescoper in fully retracted position.	
<u>12 inch (305 mm) belt width</u>			<u>24 inch (610 mm) belt width</u>	
52 inch (1 321 mm) C/L Infeed to C/L Discharge, 54.5 inch (1 384 mm) pulley C/L to C/L per weigh- feeder	<b>0A</b>		52 inch (1 321 mm) C/L Infeed to C/L Discharge, 54.5 inch (1 384 mm) pulley C/L to C/L per weigh- feeder	<b>2A</b>
60 inch (1 524 mm) C/L Infeed to C/L Discharge, 62.5 inch (1 588 mm) pulley C/L to C/L per weigh- feeder	<b>0B</b>		60 inch (1 524 mm) C/L Infeed to C/L Discharge, 62.5 inch (1 588 mm) pulley C/L to C/L per weigh- feeder	<b>2B</b>
68 inch (1 727 mm) C/L Infeed to C/L Discharge, 70.5 inch (1 791 mm) pulley C/L to C/L per weigh- feeder	<b>0C</b>		68 inch (1 727 mm) C/L Infeed to C/L Discharge, 70.5 inch (1 791 mm) pulley C/L to C/L per weigh- feeder	<b>2C</b>
76 inch (1 930 mm) C/L Infeed to C/L Discharge, 78.5 inch (1 994 mm) pulley C/L to C/L per weigh- feeder	<b>0D</b>		76 inch (1 930 mm) C/L Infeed to C/L Discharge, 78.5 inch (1 994 mm) pulley C/L to C/L per weigh- feeder	<b>2D</b>
84 inch (2 134 mm) C/L Infeed to C/L Discharge, 86.5 inch (2 197 mm) pulley C/L to C/L per weigh- feeder	<b>0E</b>		84 inch (2 134 mm) C/L Infeed to C/L Discharge, 86.5 inch (2 197 mm) pulley C/L to C/L per weigh- feeder	<b>2E</b>
92 inch (2 337 mm) C/L Infeed to C/L Discharge, 94.5 inch (2 400 mm) pulley C/L to C/L per weigh- feeder	<b>0F</b>		92 inch (2 337 mm) C/L Infeed to C/L Discharge, 94.5 inch (2 400 mm) pulley C/L to C/L per weigh- feeder	<b>2G</b>
100 inch (2 540 mm) C/L Infeed to C/L Discharge, 102.5 inch (2 604 mm) pulley C/L to C/L per weigh- feeder	<b>0G</b>		108 inch (2 743 mm) C/L Infeed to C/L Discharge, 110.5 inch (2 807 mm) pulley C/L to C/L per weigh- feeder	<b>2H</b>
108 inch (2 743 mm) C/L Infeed to C/L Discharge, 110.5 inch (2 807 mm) pulley C/L to C/L per weigh- feeder	<b>0H</b>		116 inch (2 946 mm) C/L Infeed to C/L Discharge, 118.5 inch (3 010 mm) pulley C/L to C/L per weigh- feeder	<b>2J</b>
116 inch (2 946 mm) C/L Infeed to C/L Discharge, 118.5 inch (3 010 mm) pulley C/L to C/L per weigh- feeder	<b>0J</b>		<u>30 inch (762 mm) belt width</u>	
<u>18 inch (457 mm) belt width</u>			52 inch (1 321 mm) C/L Infeed to C/L Discharge, 54.5 inch (1 384 mm) pulley C/L to C/L per weigh- feeder	<b>3A</b>
52 inch (1 321 mm) C/L Infeed to C/L Discharge, 54.5 inch (1 384 mm) pulley C/L to C/L per weigh- feeder	<b>1A</b>		60 inch (1 524 mm) C/L Infeed to C/L Discharge, 62.5 inch (1 588 mm) pulley C/L to C/L per weigh- feeder	<b>3B</b>
60 inch (1 524 mm) C/L Infeed to C/L Discharge, 62.5 inch (1 588 mm) pulley C/L to C/L per weigh- feeder	<b>1B</b>		68 inch (1 727 mm) C/L Infeed to C/L Discharge, 70.5 inch (1 791 mm) pulley C/L to C/L per weigh- feeder	<b>3C</b>
68 inch (1 727 mm) C/L Infeed to C/L Discharge, 70.5 inch (1 791 mm) pulley C/L to C/L per weigh- feeder	<b>1C</b>		76 inch (1 930 mm) C/L Infeed to C/L Discharge, 78.5 inch (1 994 mm) pulley C/L to C/L per weigh- feeder	<b>3D</b>
76 inch (1 930 mm) C/L Infeed to C/L Discharge, 78.5 inch (1 994 mm) pulley C/L to C/L per weigh- feeder	<b>1D</b>		84 inch (2 134 mm) C/L Infeed to C/L Discharge, 86.5 inch (2 197 mm) pulley C/L to C/L per weigh- feeder	<b>3E</b>
84 inch (2 134 mm) C/L Infeed to C/L Discharge, 86.5 inch (2 197 mm) pulley C/L to C/L per weigh- feeder	<b>1E</b>		92 inch (2 337 mm) C/L Infeed to C/L Discharge, 94.5 inch (2 400 mm) pulley C/L to C/L per weigh- feeder	<b>3F</b>
92 inch (2 337 mm) C/L Infeed to C/L Discharge, 94.5 inch (2 400 mm) pulley C/L to C/L per weigh- feeder	<b>1F</b>		100 inch (2 540 mm) C/L Infeed to C/L Discharge, 102.5 inch (2 604 mm) pulley C/L to C/L per weigh- feeder	<b>3G</b>
100 inch (2 540 mm) C/L Infeed to C/L Discharge, 102.5 inch (2 604 mm) pulley C/L to C/L per weigh- feeder	<b>1G</b>		108 inch (2 743 mm) C/L Infeed to C/L Discharge, 110.5 inch (2 807 mm) pulley C/L to C/L per weigh- feeder	<b>3H</b>
108 inch (2 743 mm) C/L Infeed to C/L Discharge, 110.5 inch (2 807 mm) pulley C/L to C/L per weigh- feeder	<b>1H</b>		116 inch (2 946 mm) C/L Infeed to C/L Discharge, 118.5 inch (3 010 mm) pulley C/L to C/L per weigh- feeder	<b>4A</b>
116 inch (2 946 mm) C/L Infeed to C/L Discharge, 118.5 inch (3 010 mm) pulley C/L to C/L per weigh- feeder	<b>1J</b>			

# SITRANS Weighfeeders

## SITRANS WW200

### Accessories and spare parts

#### Selection and ordering data

##### SITRANS WW200 belt

Endless belt for use with WW200 weighfeeders

For use with 7MH7300, pulley CL data based on telescoper in fully retracted position.

##### 36 inch (914 mm) belt width

60 inch (1 524 mm) C/L Infeed to C/L Discharge,  
62.5 inch (1 588 mm) pulley C/L to C/L per weigh-  
feeder

68 inch (1 727 mm) C/L Infeed to C/L Discharge,  
70.5 inch (1 791 mm) pulley C/L to C/L per weigh-  
feeder

76 inch (1 930 mm) C/L Infeed to C/L Discharge,  
78.5 inch (1 994 mm) pulley C/L to C/L per weigh-  
feeder

84 inch (2 134 mm) C/L Infeed to C/L Discharge,  
86.5 inch (2 197 mm) pulley C/L to C/L per weigh-  
feeder

92 inch (2 337 mm) C/L Infeed to C/L Discharge,  
94.5 inch (2 400 mm) pulley C/L to C/L per weigh-  
feeder

100 inch (2 540 mm) C/L Infeed to C/L Discharge,  
102.5 inch (2 604 mm) pulley C/L to C/L per weigh-  
feeder

116 inch (2 946 mm) C/L Infeed to C/L Discharge,  
118.5 inch (3 010 mm) pulley C/L to C/L per weigh-  
feeder

##### 42 inch (1 067 mm) belt width

52 inch (1 321 mm) C/L Infeed to C/L Discharge,  
54.5 inch (1 384 mm) pulley C/L to C/L per weigh-  
feeder

60 inch (1 524 mm) C/L Infeed to C/L Discharge,  
62.5 inch (1 588 mm) pulley C/L to C/L per weigh-  
feeder

68 inch (1 727 mm) C/L Infeed to C/L Discharge,  
70.5 inch (1 791 mm) pulley C/L to C/L per weigh-  
feeder

76 inch (1 930 mm) C/L Infeed to C/L Discharge,  
78.5 inch (1 994 mm) pulley C/L to C/L per weigh-  
feeder

84 inch (2 134 mm) C/L Infeed to C/L Discharge,  
86.5 inch (2 197 mm) pulley C/L to C/L per weigh-  
feeder

92 inch (2 337 mm) C/L Infeed to C/L Discharge,  
94.5 inch (2 400 mm) pulley C/L to C/L per weigh-  
feeder

100 inch (2 540 mm) C/L Infeed to C/L Discharge,  
102.5 inch (2 604 mm) pulley C/L to C/L per weigh-  
feeder

108 inch (2 743 mm) C/L Infeed to C/L Discharge,  
110.5 inch (2 807 mm) pulley C/L to C/L per weigh-  
feeder

116 inch (2 946 mm) C/L Infeed to C/L Discharge,  
118.5 inch (3 010 mm) pulley C/L to C/L per weigh-  
feeder

##### 48 inch (1 219 mm) belt width

52 inch (1 321 mm) C/L Infeed to C/L Discharge,  
54.5 inch (1 384 mm) pulley C/L to C/L per weigh-  
feeder

60 inch (1 524 mm) C/L Infeed to C/L Discharge,  
62.5 inch (1 588 mm) pulley C/L to C/L per weigh-  
feeder

68 inch (1 727 mm) C/L Infeed to C/L Discharge,  
70.5 inch (1 791 mm) pulley C/L to C/L per weigh-  
feeder

76 inch (1 930 mm) C/L Infeed to C/L Discharge,  
78.5 inch (1 994 mm) pulley C/L to C/L per weigh-  
feeder

Article No.

7MH7201-

0

4B

4C

4D

4E

4F

4H

4J

5A

5B

5C

5D

5E

5F

5G

5H

5J

6A

6B

6C

6D

##### SITRANS WW200 belt

Endless belt for use with WW200 weighfeeders

For use with 7MH7300, pulley CL data based on telescoper in fully retracted position.

84 inch (2 134 mm) C/L Infeed to C/L Discharge,  
86.5 inch (2 197 mm) pulley C/L to C/L per weigh-  
feeder

92 inch (2 337 mm) C/L Infeed to C/L Discharge,  
94.5 inch (2 400 mm) pulley C/L to C/L per weigh-  
feeder

100 inch (2 540 mm) C/L Infeed to C/L Discharge,  
102.5 inch (2 604 mm) pulley C/L to C/L per weigh-  
feeder

108 inch (2 743 mm) C/L Infeed to C/L Discharge,  
110.5 inch (2 807 mm) pulley C/L to C/L per weigh-  
feeder

116 inch (2 946 mm) C/L Infeed to C/L Discharge,  
118.5 inch (3 010 mm) pulley C/L to C/L per weigh-  
feeder

##### Belting

##### Polyurethane anti static 57 PIW

2 ply FDA/USDA approved

2 ply with B-section flange walls  
FDA/USDA approved

2 ply with 2 inch (50 mm) corrugated side walls  
FDA/USDA approved

##### Silicone anti static 45 PIW

2 ply FDA/USDA approved HT 177 °C (350 °F)

##### Nitrile 135 PIW

3 ply

3 ply with B-section flange walls

3 ply with 2 inch (50 mm) corrugated side walls

##### Further designs

Please add "-Z" to article no. and specify order  
code(s).

##### Custom length

Select next longest option and specify infeed CL to  
Discharge CL per weighfeeder in plain text (indi-  
cated inches or millimeters)

Note: Y01 order code info indicates special length  
on weighfeeder.

Article No.

7MH7201-

0

6E

6F

6G

6H

6J

A

B

C

D

G

H

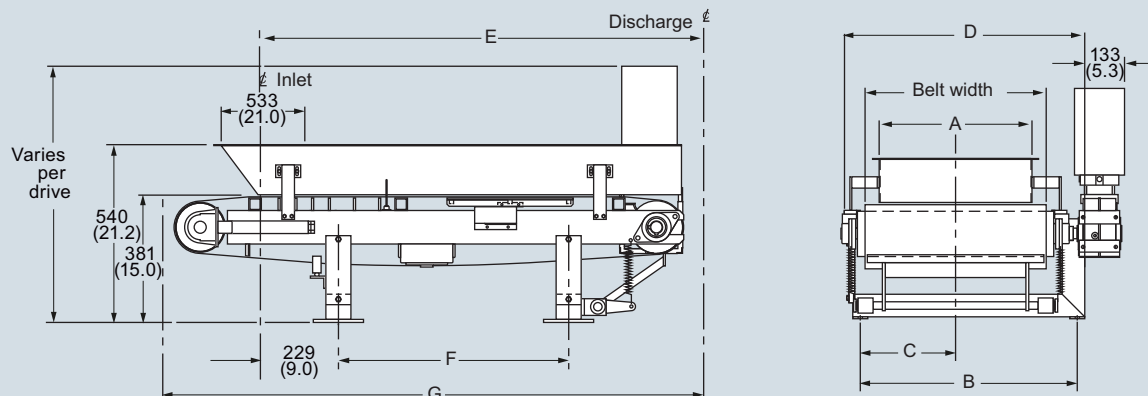
J

Order Code

Y01

**Dimensional drawings**

Open Construction

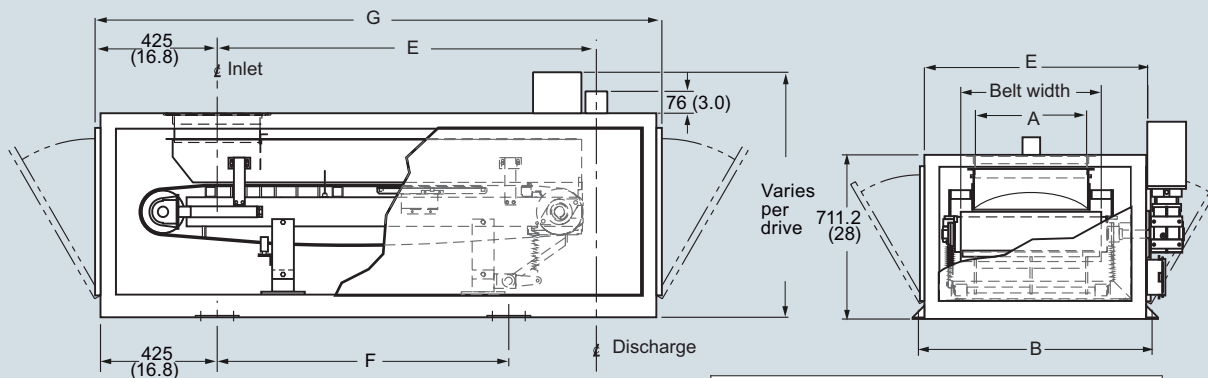


Shear gate infeed version

Open Construction					
Belt width	A	B	C	D	Weight (STD)
305 (12)	203 (8)	425 (16.8)	257 (10.1)	516 (20.3)	600 lb/272 kg
457 (18)	356 (14)	578 (22.8)	333 (13.1)	668 (26.3)	700 lb/318 kg
610 (24)	508 (20)	730 (28.8)	409 (16.1)	820 (32.3)	800 lb/363 kg
762 (30)	660 (26)	883 (34.8)	486 (19.1)	973 (38.3)	900 lb/408 kg
915 (36)	813 (32)	1 035 (40.8)	562 (22.1)	1 125 (44.3)	1 000 lb/453 kg
1 067 (42)	965 (38)	1 187 (46.8)	638 (25.1)	1 278 (50.3)	1 100 lb/499 kg
1 219 (48)	1 118 (44)	1 340 (52.8)	714 (28.1)	1 430 (56.3)	1 200 lb/544 kg

Length adder	E	F	G
STD	1 321 (52)	698 (27.5)	1 676 (66)
203 (8)	1 524 (60)	902 (35.5)	1 880 (74)
406 (16)	1 727 (68)	1 105 (43.5)	2 083 (82)
610 (24)	1 930 (76)	1 308 (51.5)	2 286 (90)
813 (32)	2 134 (84)	1 511 (59.5)	2 489 (98)

Closed Construction



Closed Construction				
Belt width	A	B	C	Weight (STD)
305 (12)	203 (8)	737 (29)	686 (27)	600 lb/272 kg
457 (18)	356 (14)	864 (89)	838 (33)	700 lb/318 kg
610 (24)	508 (20)	1 041 (41)	991 (39)	800 lb/363 kg
762 (30)	660 (26)	1 194 (47)	1 143 (45)	900 lb/408 kg
915 (36)	813 (32)	1 346 (53)	1 295 (51)	1 000 lb/453 kg
1 067 (42)	965 (38)	1 499 (59)	1 448 (57)	1 100 lb/499 kg
1 219 (48)	1 118 (44)	1 651 (65)	1 600 (63)	1 200 lb/544 kg

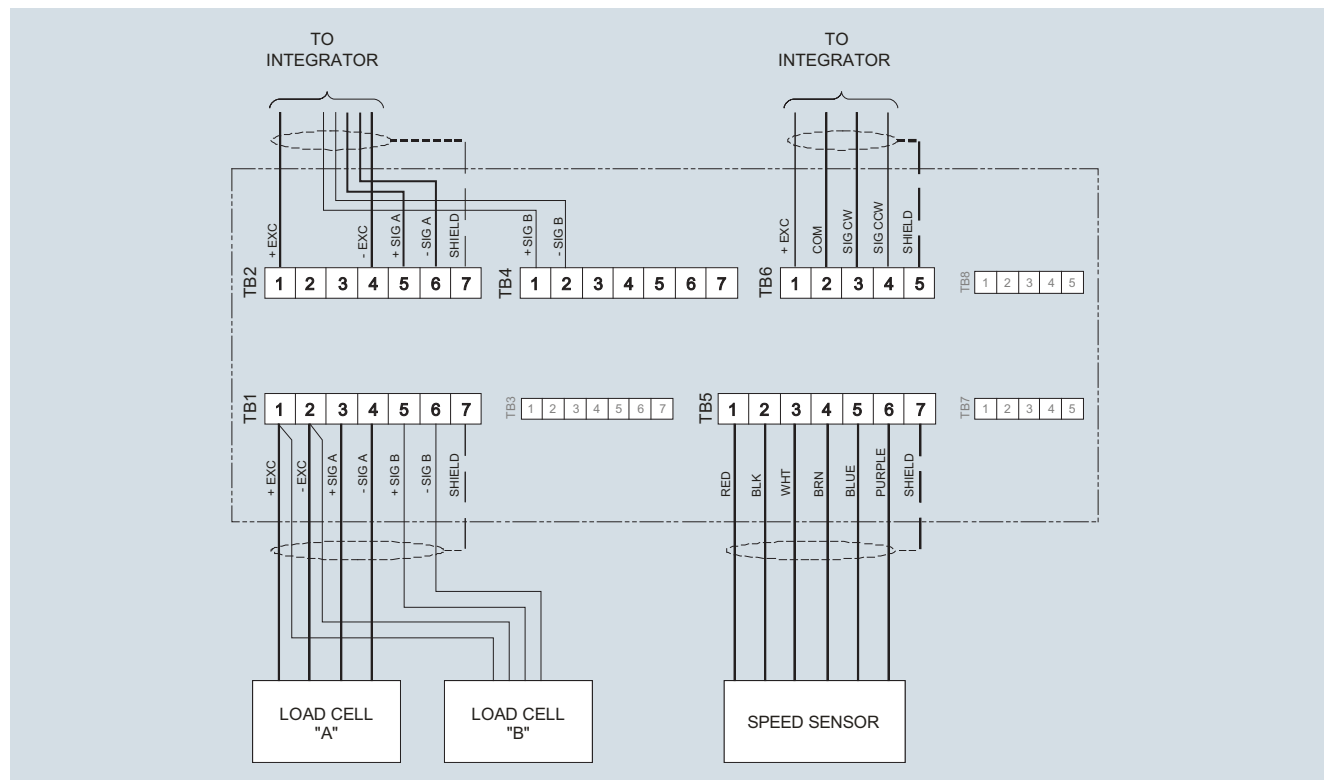
Length adder	E	F	G
STD	1 321 (52)	698 (27.5)	1 676 (66)
203 (8)	1 524 (60)	902 (35.5)	1 880 (74)
406 (16)	1 727 (68)	1 105 (43.5)	2 083 (82)
610 (24)	1 930 (76)	1 308 (51.5)	2 286 (90)
813 (32)	2 134 (84)	1 511 (59.5)	2 489 (98)

SITRANS WW200 dimensions in mm (inch)



**SITRANS Weighfeeders**

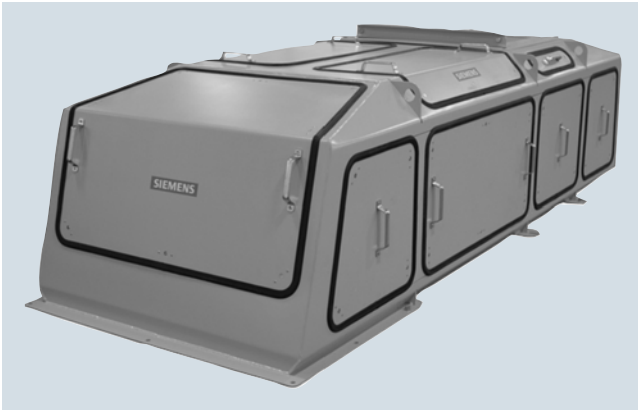
SITRANS WW200

**Dimensional drawings and schematics****Schematics**

SITRANS WW200 connections



## Overview



SITRANS WW300 is a medium- to high-capacity weighfeeder used for macro ingredient additives.

## Benefits

- Rugged, durable design for heavy-duty applications
- Handles medium- to high-capacity loads
- Standard mild steel open or enclosed construction
- Heavy-duty 102 mm (4 inch) diameter idlers
- Large 203 mm (8 inch) minimum diameter head and tail pulleys for maximum traction
- Patented design
- Easy to replace endless belt
- Gravity tensioned belt cleaner
- Fast installation, easy to clean and maintain
- Outboard mounted load cells with protective cover

## Application

SITRANS WW300 is designed for industrial applications such as mining, cement, chemical processing, pulp and paper, and other heavy-duty industries.

Field tested and proven in hundreds of applications, it enhances profitability by ensuring accuracy, enhancing blend consistency, reducing downtime, and improving accountability and record keeping. The unique weigh system reduces dead load and applies live load directly to load cells for accurate measurement. The dual load cells are externally mounted for easy access and maintenance.

It is available in a variety of lengths from 1.6 m (63 inch), belt widths from under 0.5 m (18 inch) to 1.8 m (72 inch), several different inlet configurations and materials of construction. It can be configured to suit various applications.

Standard components include CEMA C rated idlers, belt tracking rollers, hinged access panels on enclosed units, integral lifting points for easy installation, a belt scraper and plow for self-cleaning.

# SITRANS Weighfeeders

## SITRANS WW300

### Introduction

#### Technical specifications

SITRANS WW300	
<b>Mode of operation</b>	
Measuring principle	Strain gauge load cells and digital speed sensor
Typical application	Industrial and process applications in feeding, blending or rationing in gypsum manufacturing
<b>Measuring accuracy</b>	
Accuracy <sup>1)</sup>	± 0.5 % or better
Specified range	10 ... 100 % based on speed
Design rate range	4.5 ... 800 t/h (5 ... 880 STPH)
Max volumetric flow	1 284 m <sup>3</sup> /h (44 800 ft <sup>3</sup> /h)
<b>Medium conditions</b>	
Operating temperature	-10 ... +55 °C (14 ... 131 °F)
<b>Material</b>	Mild steel with stainless steel [304 (1.4301) or 316 (1.4401)], bead blast finish (1 ... 6 µm, 40 ... 240 µin) or abrasion resistant contact parts optional
<b>Load cells</b>	
Construction	17-4 PH (1.4568) stainless steel or nickel plated alloy steel
Degree of protection	<ul style="list-style-type: none"> <li>Stainless steel: IP67</li> <li>Nickel plated alloy steel: IP66</li> </ul>
Excitation	10 V DC nominal, 15 V DC maximum
Output	2 mV/V
Non-linearity	± 0.02 % of rated output
Non-repeatability	± 0.01 % of rated output
Capacity	<ul style="list-style-type: none"> <li>Stainless steel range: 25, 50, 100, 250, 500 lb</li> <li>Nickel-plated range: 10, 15, 20, 30, 50, 75, 100 kg</li> </ul>
Overload	150 % of rated capacity
Temperature	<ul style="list-style-type: none"> <li>Operating range: -40 ... +65 °C (-40 ... +150 °F)</li> <li>Compensated: -10 ... +40 °C (15 ... 105 °F)</li> </ul>
<b>Speed sensor</b>	
Optical encoder output	RS 422 (TTL) 5 V DC, 150 mA max., 500, 1 000, or 2 000 ppr
Temperature	-10 ... +70 °C (14 ... 158 °F)
Degree of protection	IP64
WS300 Output	See page 4/45 (optional)
C-flange mounted magnetic pulse generator output	Open collector, NPN, sinking output, max. 17 mA, 60 ppr
Temperature	-40 ... +105 °C (-40 ... +220 °F)
Degree of protection	IP67

SITRANS WW300	
<b>Belt tracking switch</b>	
Aluminum spring rod (un-wired)	<ul style="list-style-type: none"> <li>1 NO, 1 NC switch blocks</li> <li>Rated operating voltage 600 V AC max.</li> </ul>
Temperature	-30 ... +85 °C (-22 ... +185 °F)
Degree of protection	IP67
Framework	<ul style="list-style-type: none"> <li>Painted structural steel</li> <li>Cantilevered design for easy belt replacement</li> </ul>
<b>Pulleys</b>	200 mm (8 inch) minimum, 508 mm (20 inch) maximum, pulley diameter crowned with 6 mm (¼ inch) rubber lagging on drive pulley for maximum traction
<b>Idlers</b>	Heavy-duty 100 mm (4 inch) CEMA C with precision ground ball bearings and triple labyrinth seals for longer life, CEMA D, E IMPACT where required
<b>Belt speed</b>	0.005 ... 0.36 m/s (1 ... 70 fpm)
<b>Bearings</b>	4 bolt flange style
<b>Belting</b>	<ul style="list-style-type: none"> <li>Black rubber, 150 ... 440 PIW</li> <li>2 ply vulcanized endless with 'B' section (standard)</li> <li>Up to 127 mm (5 inch) corrugated sidewalls (optional)</li> <li>Maximum rated material temperature of 107 °C (225 °F)</li> <li>Butyl HT belt rated for max material temp of 204 °C (400 °F)</li> <li>Nitrile belt rated for max material temp of 121 °C (250 °F)</li> </ul>
<b>Belt tension</b>	<ul style="list-style-type: none"> <li>Screw type, telescoper module with 150 mm (6 inch) minimum travel</li> <li>Gravity tensioned self-steering belt tracker (optional)</li> </ul>
<b>Belt cleaning</b>	<ul style="list-style-type: none"> <li>Gravity tensioned UHMW blade at head pulley</li> <li>Return plow at tail pulley</li> </ul>
<b>Drive motor</b>	AC, TEFC, 10:1 CT inverter duty, drive motor with direct coupled flange mounted hollow bore KAF gear reducer, 1.2 service factor min.
<b>Shipping weight</b>	410 kg (900 lb) minimum
<b>Approvals</b>	<ul style="list-style-type: none"> <li>CE on all electrical components</li> <li>Hazardous approvals per configuration options.</li> </ul> <p>Note: Weighfeeder as a whole is not approved for hazardous locations, only electrical components.</p>

Pulley diameter	Shaft diameter	Bearing diameter	Telescoper stroke	Infeed length	Skirtboard height
8 inch	2 ... 15/16 inch	1 ... 15/16 inch	6 inch	16 inch	8 inch
10 inch	3 ... 7/16 inch	2 ... 7/16 inch	6 inch	24 inch	10 inch
12 inch	3 ... 15/16 inch	2 ... 15/16 inch	9 inch	30 inch	12 inch
14 inch	4 ... 7/16 inch	3 ... 7/16 inch	9 inch	36 inch	14 inch

<sup>1)</sup> Accuracy subject to: On factory approved installations, the weighfeeder system's totalized weight will be within the specified accuracy when compared to a known weighed material test sample.  
The test rate must be within the specified range of the design capacity and held constant for the duration of the test.  
The minimum material test sample must be equivalent to a sample obtained at the test flow rate for three revolutions of the belt or at least ten minutes running time, whichever is greater.

# SITRANS Weighfeeders

## SITRANS WW300

8 inch pulley, open style

Selection and ordering data		Article No.			Article No.
<b>SITRANS WW300, 8 inch pulley, open style</b>		<b>7MH7400-</b>	<b>SITRANS WW300, 8 inch pulley, open style</b>		<b>7MH7400-</b>
High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.			High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.		
Add order code Y71 ... Y75 for all models to specify design data and add 1 of order code series G30 ... 37 gear reducer.			111 inch (2 819 mm)		<b>3 E</b>
<b>Painted mild steel, open style, with C/L infeed to C/L discharge</b>			123 inch (3 124 mm)		<b>3 F</b>
<u>18 inch (457 mm) belt width</u>			135 inch (3 429 mm)		<b>3 G</b>
63 inch (1 600 mm)	<b>0 A</b>		147 inch (3 734 mm)		<b>3 H</b>
75 inch (1 905 mm)	<b>0 B</b>		159 inch (4 039 mm)		<b>3 J</b>
87 inch (2 210 mm)	<b>0 C</b>		171 inch (4 343 mm)		<b>3 K</b>
99 inch (2 515 mm)	<b>0 D</b>		183 inch (4 648 mm)		<b>3 L</b>
111 inch (2 819 mm)	<b>0 E</b>		195 inch (4 953 mm)		<b>3 M</b>
123 inch (3 124 mm)	<b>0 F</b>		<u>42 inch (1 067 mm) belt width</u>		
135 inch (3 429 mm)	<b>0 G</b>		63 inch (1 600 mm)		<b>4 A</b>
147 inch (3 734 mm)	<b>0 H</b>		75 inch (1 905 mm)		<b>4 B</b>
159 inch (4 039 mm)	<b>0 J</b>		87 inch (2 210 mm)		<b>4 C</b>
171 inch (4 343 mm)	<b>0 K</b>		99 inch (2 515 mm)		<b>4 D</b>
183 inch (4 648 mm)	<b>0 L</b>		111 inch (2 819 mm)		<b>4 E</b>
195 inch (4 953 mm)	<b>0 M</b>		123 inch (3 124 mm)		<b>4 F</b>
<u>24 inch (610 mm) belt width</u>			135 inch (3 429 mm)		<b>4 G</b>
63 inch (1 600 mm)	<b>1 A</b>		147 inch (3 734 mm)		<b>4 H</b>
75 inch (1 905 mm)	<b>1 B</b>		159 inch (4 039 mm)		<b>4 J</b>
87 inch (2 210 mm)	<b>1 C</b>		171 inch (4 343 mm)		<b>4 K</b>
99 inch (2 515 mm)	<b>1 D</b>		183 inch (4 648 mm)		<b>4 L</b>
111 inch (2 819 mm)	<b>1 E</b>		195 inch (4 953 mm)		<b>4 M</b>
123 inch (3 124 mm)	<b>1 F</b>		<u>48 inch (1 219 mm) belt width</u>		
135 inch (3 429 mm)	<b>1 G</b>		63 inch (1 600 mm)		<b>5 A</b>
147 inch (3 734 mm)	<b>1 H</b>		75 inch (1 905 mm)		<b>5 B</b>
159 inch (4 039 mm)	<b>1 J</b>		87 inch (2 210 mm)		<b>5 C</b>
171 inch (4 343 mm)	<b>1 K</b>		99 inch (2 515 mm)		<b>5 D</b>
183 inch (4 648 mm)	<b>1 L</b>		111 inch (2 819 mm)		<b>5 E</b>
195 inch (4 953 mm)	<b>1 M</b>		123 inch (3 124 mm)		<b>5 F</b>
<u>30 inch (762 mm) belt width</u>			135 inch (3 429 mm)		<b>5 G</b>
63 inch (1 600 mm)	<b>2 A</b>		147 inch (3 734 mm)		<b>5 H</b>
75 inch (1 905 mm)	<b>2 B</b>		159 inch (4 039 mm)		<b>5 J</b>
87 inch (2 210 mm)	<b>2 C</b>		171 inch (4 343 mm)		<b>5 K</b>
99 inch (2 515 mm)	<b>2 D</b>		183 inch (4 648 mm)		<b>5 L</b>
111 inch (2 819 mm)	<b>2 E</b>		195 inch (4 953 mm)		<b>5 M</b>
123 inch (3 124 mm)	<b>2 F</b>		<u>54 inch (1 372 mm) belt width</u>		
135 inch (3 429 mm)	<b>2 G</b>		63 inch (1 600 mm)		<b>6 A</b>
147 inch (3 734 mm)	<b>2 H</b>		75 inch (1 905 mm)		<b>6 B</b>
159 inch (4 039 mm)	<b>2 J</b>		87 inch (2 210 mm)		<b>6 C</b>
171 inch (4 343 mm)	<b>2 K</b>		99 inch (2 515 mm)		<b>6 D</b>
183 inch (4 648 mm)	<b>2 L</b>		111 inch (2 819 mm)		<b>6 E</b>
195 inch (4 953 mm)	<b>2 M</b>		123 inch (3 124 mm)		<b>6 F</b>
<u>36 inch (914 mm) belt width</u>			135 inch (3 734 mm)		<b>6 G</b>
63 inch (1 600 mm)	<b>3 A</b>		147 inch (3 734 mm)		<b>6 H</b>
75 inch (1 905 mm)	<b>3 B</b>		159 inch (4 039 mm)		<b>6 J</b>
87 inch (2 210 mm)	<b>3 C</b>		171 inch (4 343 mm)		<b>6 K</b>
99 inch (1 905 mm)	<b>3 D</b>		183 inch (4 648 mm)		<b>6 L</b>
			195 inch (4 953 mm)		<b>6 M</b>

# SITRANS Weighfeeders

## SITRANS WW300

### 8 inch pulley, open style

#### Selection and ordering data

Article No.

Article No.

#### SITRANS WW300, 8 inch pulley, open style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### Load cell

Nickel plated steel

10 kg (22 lb)

15 kg (33 lb)

20 kg (44 lb)

30 kg (66 lb)

50 kg (110 lb)

75 kg (165 lb)

100 kg (220 lb)

MCS, Class II, Div. 1 Groups E, F, and G, Class III/  
Atex II 2D Ex tD A21 IP65 T70 °C

25 lb (11 kg)

50 lb (23 kg)

100 lb (45 kg)

250 lb (113 kg)

500 lb (227 kg)

#### Material containment construction

None

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch"

#### Shear gate inlet

Mild steel (no skirtboards)

AR400 steel (no skirtboards)

304 stainless steel (no skirtboards)

Skirtboards mild steel

Skirtboards AR400 steel

Skirtboards 304 stainless steel

#### Speed sensor

##### Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

32 PPR WS300, Class II, Div. 1 Groups E, F, and G,  
Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

256 PPR WS300, Class II, Div. 1 Groups E, F, and G,  
Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

1 000 PPR WS300, Class II, Div. 1 Groups E, F, and G,  
Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

2 000 PPR WS300

##### Motor mounted

60 PPR magnetic p/u

#### Drive configuration

Add order code Y75 reduction ratio in plain text:  
"X:1".

##### Standard AC motor

0.25 HP (0.19 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

7MH7400-

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#### SITRANS WW300, 8 inch pulley, open style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1.5 HP (1.12 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 575 V 3 ph 60 Hz

3 HP (2.24 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 kW) 575 V 3 ph 60 Hz

5 HP (3.73 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 kW) 575 V 3 ph 60 Hz

Class I, Div. 1, Groups C and D, Class II, Div. 1,  
Groups F and G, AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1.5 HP (1.12 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 575 V 3 ph 60 Hz

3 HP (2.24 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 kW) 575 V 3 ph 60 Hz

5 HP (3.73 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 kW) 575 V 3 ph 60 Hz

##### ATEX II 2D, AC motor

0.25 HP (0.19 kW) 400 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 400 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 400 V 3 ph 50/60 Hz

1 HP (0.75 kW) 400 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 400 V 3 ph 50/60 Hz

3 HP (2.24 kW) 400 V 3 ph 50/60 Hz

5 HP (3.73 kW) 400 V 3 ph 50/60 Hz

7MH7400-

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# SITRANS Weighfeeders

## SITRANS WW300

8 inch pulley, open style

Selection and ordering data	Article No.	Order Code
<b>SITRANS WW300, 8 inch pulley, open style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.	<b>7MH7400-</b> 	Skirtboard seals for floodable materials: SBR adjustable skirtboard seals to contain material <b>G72</b>
<b>Belting</b> <u>SBR150 PIW</u> 2 ply 2 ply with B-section flange walls 2 ply with 1 inch (25 mm) flange walls 2 PLY with 2 inch (50 mm) corrugated side walls <u>Butyl 90 PIW</u> 3 ply HT 150 °C (300 °F) 3 ply with B-section flange walls HT 150 °C (300 °F) 3 ply with 1 inch (25 mm) flange walls HT 150 °C (300 °F) 3 ply with 2 inch (50 mm) corrugated side walls HT 150 °C (300 °F) <u>Nitrile 135 PIW</u> 3 ply 3 ply with B-section flange walls 3 ply with 1 inch (25 mm) flange walls 3 ply with 2 inch (50 mm) corrugated side walls	A B C D E F G H J K L M	Shear curtain for dusty applications and floodable materials <b>G11</b> Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only) <b>G16</b> Plugged discharge chute detection: CLS100 Capacitance switch <b>G12</b> Local push button station: Siemens start, stop auto/manual, speed control, E-stop hand held operator <b>G13</b> Manufacturer's test certificate: According to EN 10204-2.2 <b>C11</b> Stainless steel tag (69 x 50 mm), measuring-point number/identification (max. 27 characters), specify in plain text <b>Y15</b> Discharge dust hood: painted mild steel with de-dust port <b>H50</b> Custom design Specify quote reference when ordering <b>Y99</b>
<b>Belt change access side (looking from inlet to discharge)</b> Left hand Right hand	0 1	Article No. <b>A5E33560691</b>
<b>Further designs</b> Please add <b>"-Z"</b> to article no. and specify order code(s).	Order Code	
Shear gate arc radius: Enter shear gate arc radius in inches	<b>Y74</b>	
Enter design units (TPH, MTPH, lb/h, kg/h)	<b>Y71</b>	
Enter design speed (ft/m, m/s)	<b>Y72</b>	
Enter design capacity/rate	<b>Y73</b>	
AC gearmotor reduction ratio: Enter reduction ratio in plain text	<b>Y75</b>	
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	<b>Y01</b>	
<u>Gear reducer (select only one)</u>		
KAZ48	<b>G30</b>	
KAZ68	<b>G31</b>	
<u>Infeed idler style (if CEMA C is not acceptable)</u>		
CEMA D style	<b>G60</b>	
CEMA E style	<b>G61</b>	
<u>Carrying idler style (if CEMA C is not acceptable)</u>		
CEMA D style	<b>G65</b>	
CEMA E style	<b>G66</b>	
<u>Hazardous location approved tracking switches</u>		
Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G	<b>E90</b>	
ATEX II 2D	<b>E91</b>	
Safety pull cord switches: 1 pull cord on each side of weighfeeder for emergency shut down activation/alarm	<b>G70</b>	
Automatic belt tracking and tensioner: gravity tensioned belt tracker	<b>G71</b>	
<b>Operating instructions</b> • English Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.		

**SITRANS Weighfeeders****SITRANS WW300****8 inch pulley, enclosed style****Selection and ordering data**

Article No.

Article No.

**SITRANS WW300, 8 inch pulley, enclosed style**

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

Add order code Y71 ... Y75 for all models to specify design data and add 1 of order code series G30 ... 37 gear reducer

**Painted mild steel enclosed style with C/L infeed to C/L discharge**18 inch (457 mm) belt width

63 inch (1 600 mm)  
75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (2 515 mm)  
111 inch (2 819 mm)  
123 inch (3 124 mm)  
135 inch (3 429 mm)  
147 inch (3 734 mm)  
159 inch (4 039 mm)  
171 inch (4 343 mm)  
183 inch (4 648 mm)  
195 inch (4 953 mm)

24 inch (610 mm) belt width

63 inch (1 600 mm)  
75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (2 515 mm)  
111 inch (2 819 mm)  
123 inch (3 124 mm)  
135 inch (3 429 mm)  
147 inch (3 734 mm)  
159 inch (4 039 mm)  
171 inch (4 343 mm)  
183 inch (4 648 mm)  
195 inch (4 953 mm)

30 inch (762 mm) belt width

63 inch (1 600 mm)  
75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (2 515 mm)  
111 inch (2 819 mm)  
123 inch (3 124 mm)  
135 inch (3 429 mm)  
147 inch (3 734 mm)  
159 inch (4 039 mm)  
171 inch (4 343 mm)  
183 inch (4 648 mm)  
195 inch (4 953 mm)

36 inch (914 mm) belt width

63 inch (1 600 mm)  
75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (1 905 mm)

**7MH7401-****0 A****0 B****0 C****0 D****0 E****0 F****0 G****0 H****0 J****0 K****0 L****0 M****1 A****1 B****1 C****1 D****1 E****1 F****1 G****1 H****1 J****1 K****1 L****1 M****2 A****2 B****2 C****2 D****2 E****2 F****2 G****2 H****2 J****2 K****2 L****2 M****3 A****3 B****3 C****3 D****SITRANS WW300, 8 inch pulley, enclosed style**

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

111 inch (2 819 mm)

123 inch (3 124 mm)

135 inch (3 429 mm)

147 inch (3 734 mm)

159 inch (4 039 mm)

171 inch (4 343 mm)

183 inch (4 648 mm)

95 inch (4 953 mm)

42 inch (1 067 mm) belt width

63 inch (1 600 mm)

75 inch (1 905 mm)

87 inch (2 210 mm)

99 inch (2 515 mm)

111 inch (2 819 mm)

123 inch (3 124 mm)

135 inch (3 429 mm)

147 inch (3 734 mm)

159 inch (4 039 mm)

171 inch (4 343 mm)

183 inch (4 648 mm)

195 inch (4 953 mm)

48 inch (1 219 mm) belt width

63 inch (1 600 mm)

75 inch (1 905 mm)

87 inch (2 210 mm)

99 inch (2 515 mm)

111 inch (2 819 mm)

123 inch (3 124 mm)

135 inch (3 429 mm)

147 inch (3 734 mm)

159 inch (4 039 mm)

171 inch (4 343 mm)

183 inch (4 648 mm)

195 inch (4 953 mm)

54 inch (1 372 mm) belt width

63 inch (1 600 mm)

75 inch (1 905 mm)

87 inch (2 210 mm)

99 inch (2 515 mm)

111 inch (2 819 mm)

123 inch (3 124 mm)

135 inch (3 734 mm)

147 inch (3 734 mm)

159 inch (4 039 mm)

171 inch (4 343 mm)

183 inch (4 648 mm)

195 inch (4 953 mm)

**7MH7401-****3 E****3 F****3 G****3 H****3 J****3 K****3 L****3 M****4 A****4 B****4 C****4 D****4 E****4 F****4 G****4 H****4 J****4 K****4 L****4 M****5 A****5 B****5 C****5 D****5 E****5 F****5 G****5 H****5 J****5 K****5 L****5 M****6 A****6 B****6 C****6 D****6 E****6 F****6 G****6 H****6 J****6 K****6 L****6 M**

# SITRANS Weighfeeders

## SITRANS WW300

8 inch pulley, enclosed style

Selection and ordering data	Article No.	Article No.
<b>SITRANS WW300, 8 inch pulley, enclosed style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.	<b>7MH7401-</b> 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# SITRANS Weighfeeders

## SITRANS WW300

### 8 inch pulley, enclosed style

#### Selection and ordering data

Article No.

Order Code

#### SITRANS WW300, 8 inch pulley, enclosed style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

7MH7401-



#### Belting

##### SBR, 150 PIW

2 ply

2 ply with B-section flange walls

2 ply with 1 inch (25 mm) flange walls

2 ply with 2 inch (50 mm) corrugated side walls

##### Butyl, 90 PIW

3 ply HT 150 °C (300 °F)

3 ply with B-section flange walls HT 150 °C (300 °F)

3 ply with 1 inch (25 mm) flange walls HT 150 °C (300 °F)

3 ply with 2 inch (50 mm) corrugated side walls HT 150 °C (300 °F)

##### Nitrile 135 PIW

3 ply

3 ply with B-section flange walls

3 ply with 1 inch (25 mm) flange walls

3 ply with 2 inch (50 mm) corrugated side walls

#### Belt change access side (looking from inlet to discharge)

Left hand

Right hand

#### Further designs

Please add **"-Z"** to article no. and specify order code(s).

Shear gate arc radius: Enter shear gate arc radius in inches

Enter design units (TPH, MTPH, lb/h, kg/h)

Enter design speed (ft/m, m/s)

Enter design capacity/rate

AC gearmotor reduction ratio: Enter reduction ratio in plain text

Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)

#### Gear reducer (select only one)

KAZ48

KAZ68

#### Bottom covers and dust tight seals

18 inch belt width

24 inch belt width

30 inch belt width

36 inch belt width

42 inch belt width

48 inch belt width

54 inch belt width

#### Carry idler style (if CEMA C is not acceptable) only one option per configuration

CEMA D style

CEMA E style

#### Hazardous location approved tracking switches

Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G

ATEX II 2D

#### Drag chain clean-out conveyor

18 inch belt width

24 inch belt width

30 inch belt width

36 inch belt width

42 inch belt width

48 inch belt width

54 inch belt width

Safety pull cord switches: 1 pull cord on each side of weighfeeder for emergency shut down activation/alarm

Automatic belt tracking and tensioner: gravity tensioned belt tracker

Skirtboard seals for floodable materials: SBR adjustable skirtboard seals to contain material

Shear curtain for dusty applications and floodable materials

Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only)

Plugged discharge chute detection: CLS100 Capacitance switch

Local push button station: Siemens start, stop auto/manual, speed control, E-stop hand held operator

Manufacturer's test certificate: According to EN 10204-2.2

Stainless steel tag (69 x 50 mm), measuring-point number/identification (max. 27 characters), specify in plain text.

Custom design

Specify quote reference when ordering.

#### Operating instructions

English

Note: The operating instructions should be ordered as a separate item on the order.

This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

E90

E91

G80

G81

G82

G83

G84

G85

G86

G70

G71

G72

G11

G16

G12

G13

C11

Y15

Y99

Article No.


A5E33560691



# SITRANS Weighfeeders

## SITRANS WW300

10 inch pulley, open style

Selection and ordering data		Article No.	Article No.
<b>SITRANS WW300, 10 inch pulley, open style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.  Add order code Y71 ... Y75 for all models to specify design data and add 1 of order code series G30 ... 37 gear reducer  <b>Painted mild steel, open style, C/L infeed to C/L discharge</b>  <u>18 inch (457 mm) belt width</u> 75 inch (1 905 mm) 87 inch (2 210 mm) 99 inch (2 515 mm) 111 inch (2 819 mm) 123 inch (3 124 mm) 135 inch (3 429 mm) 147 inch (3 734 mm) 159 inch (4 039 mm) 171 inch (4 343 mm) 183 inch (4 648 mm) 195 inch (4 953 mm)  <u>24 inch (610 mm) belt width</u> 75 inch (1 905 mm) 87 inch (2 210 mm) 99 inch (2 515 mm) 111 inch (2 819 mm) 123 inch (3 124 mm) 135 inch (3 429 mm) 147 inch (3 734 mm) 159 inch (4 039 mm) 171 inch (4 343 mm) 183 inch (4 648 mm) 195 inch (4 953 mm)  <u>30 inch (762 mm) belt width</u> 75 inch (1 905 mm) 87 inch (2 210 mm) 99 inch (2 515 mm) 111 inch (2 819 mm) 123 inch (3 124 mm) 135 inch (3 429 mm) 147 inch (3 734 mm) 159 inch (4 039 mm) 171 inch (4 343 mm) 183 inch (4 648 mm) 195 inch (4 953 mm)  <u>36 inch (914 mm) belt width</u> 75 inch (1 905 mm) 87 inch (2 210 mm) 99 inch (1 905 mm) 111 inch (2 819 mm) 123 inch (3 124 mm) 135 inch (3 429 mm) 147 inch (3 734 mm)	<b>7MH7402-</b>  <b>0 B</b> <b>0 C</b> <b>0 D</b> <b>0 E</b> <b>0 F</b> <b>0 G</b> <b>0 H</b> <b>0 J</b> <b>0 K</b> <b>0 L</b> <b>0 M</b>  <b>1 B</b> <b>1 C</b> <b>1 D</b> <b>1 E</b> <b>1 F</b> <b>1 G</b> <b>1 H</b> <b>1 J</b> <b>1 K</b> <b>1 L</b> <b>1 M</b>  <b>2 B</b> <b>2 C</b> <b>2 D</b> <b>2 E</b> <b>2 F</b> <b>2 G</b> <b>2 H</b> <b>2 J</b> <b>2 K</b> <b>2 L</b> <b>2 M</b>  <b>3 B</b> <b>3 C</b> <b>3 D</b> <b>3 E</b> <b>3 F</b> <b>3 G</b> <b>3 H</b>	<b>SITRANS WW300, 10 inch pulley, open style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.  159 inch (4 039 mm) 171 inch (4 343 mm) 183 inch (4 648 mm) 195 inch (4 953 mm)  <u>42 inch (1 067 mm) belt width</u> 75 inch (1 905 mm) 87 inch (2 210 mm) 99 inch (2 515 mm) 111 inch (2 819 mm) 123 inch (3 124 mm) 135 inch (3 429 mm) 147 inch (3 734 mm) 159 inch (4 039 mm) 171 inch (4 343 mm) 183 inch (4 648 mm) 195 inch (4 953 mm)  <u>48 inch (1 219 mm) belt width</u> 75 inch (1 905 mm) 87 inch (2 210 mm) 99 inch (2 515 mm) 111 inch (2 819 mm) 123 inch (3 124 mm) 135 inch (3 429 mm) 147 inch (3 734 mm) 159 inch (4 039 mm) 171 inch (4 343 mm) 183 inch (4 648 mm) 195 inch (4 953 mm)  <u>54 inch (1 372 mm) belt width</u> 75 inch (1 905 mm) 87 inch (2 210 mm) 99 inch (2 515 mm) 111 inch (2 819 mm) 123 inch (3 124 mm) 135 inch (3 734 mm) 147 inch (3 734 mm) 159 inch (4 039 mm) 171 inch (4 343 mm) 183 inch (4 648 mm) 195 inch (4 953 mm)	<b>7MH7402-</b>  <b>3 J</b> <b>3 K</b> <b>3 L</b> <b>3 M</b>  <b>4 B</b> <b>4 C</b> <b>4 D</b> <b>4 E</b> <b>4 F</b> <b>4 G</b> <b>4 H</b> <b>4 J</b> <b>4 K</b> <b>4 L</b> <b>4 M</b>  <b>5 B</b> <b>5 C</b> <b>5 D</b> <b>5 E</b> <b>5 F</b> <b>5 G</b> <b>5 H</b> <b>5 J</b> <b>5 K</b> <b>5 L</b> <b>5 M</b>  <b>6 B</b> <b>6 C</b> <b>6 D</b> <b>6 E</b> <b>6 F</b> <b>6 G</b> <b>6 H</b> <b>6 J</b> <b>6 K</b> <b>6 L</b> <b>6 M</b>

# SITRANS Weighfeeders

## SITRANS WW300

### 10 inch pulley, open style

#### Selection and ordering data

Article No.

Article No.

#### SITRANS WW300, 10 inch pulley, open style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### Load cell

Nickel plated steel

10 kg (22 lb)

15 kg (33 lb)

20 kg (44 lb)

30 kg (66 lb)

50 kg (110 lb)

75 kg (165 lb)

100 kg (220 lb)

MCS, Class II, Div. 1 Groups E, F, and G, Class III/  
Atex II 2D Ex tD A21 IP65 T70 °C

25 lb (11 kg)

50 lb (23 kg)

100 lb (45 kg)

250 lb (113 kg)

500 lb (227 kg)

#### Material containment construction

None

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch"

#### Shear gate inlet

Mild steel (no skirtboards)

AR400 steel (no skirtboards)

304 stainless steel (no skirtboards)

Skirtboards mild steel

Skirtboards AR400 steel

Skirtboards 304 stainless steel

#### Speed sensor

##### Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

32 PPR WS300, Class II, Div. 1 Groups E, F, and G, Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

256 PPR WS300, Class II, Div. 1 Groups E, F, and G, Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

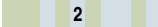
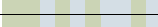
1 000 PPR WS300, Class II, Div. 1 Groups E, F, and G, Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

2 000 PPR WS300

##### Motor mounted

60 PPR magnetic p/u

7MH7402-



#### SITRANS WW300, 10 inch pulley, open style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### Drive configuration

Add order code Y75 reduction ratio in plain text: "X:1".

##### Standard AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1.5 HP (1.12 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 575 V 3 ph 60 Hz

3 HP (2.24 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 kW) 575 V 3 ph 60 Hz

5 HP (3.73 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 kW) 575 V 3 ph 60 Hz

7.5 HP (5.59 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

7.5 HP (5.59 kW) 575 V 3 ph 60 Hz

10 HP (7.46 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

10 HP (7.46 kW) 575 V 3 ph 60 Hz

15 HP (11.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

15 HP (11.19 kW) 575 V 3 ph 60 Hz

Class I, Div. 1, Groups C and D, Class II, Div. 1,  
Groups F and G, AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1.5 HP (1.12 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

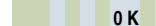
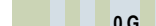
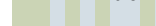
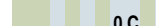
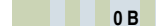
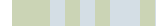
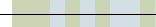
1 HP (0.75 kW) 575 V 3 ph 60 Hz

1.5 HP (1.12 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 575 V 3 ph 60 Hz


7MH7402-



# SITRANS Weighfeeders

## SITRANS WW300

10 inch pulley, open style

Selection and ordering data	Article No.	Order Code
<b>SITRANS WW300, 10 inch pulley, open style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.	<b>7MH7402-</b> 	<b>Further designs</b> Please add <b>"-Z"</b> to article no. and specify order code(s).
3 HP (2.24 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	1 L	Shear gate arc radius: Enter shear gate arc radius in inches <b>Y74</b>
3 HP (2.24 kW) 575 V 3 ph 60 Hz	1 M	Enter design units (TPH, MTPH, lb/h, kg/h) <b>Y71</b>
5 HP (3.73 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	1 N	Enter design speed (ft/m, m/s) <b>Y72</b>
5 HP (3.73 kW) 575 V 3 ph 60 Hz	1 P	Enter design capacity/rate <b>Y73</b>
7.5 HP (5.59 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	1 Q	AC gearmotor reduction ratio: Enter reduction ratio in plain text <b>Y75</b>
7.5 HP (5.59 kW) 575 V 3 ph 60 Hz	1 R	Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters) <b>Y01</b>
10 HP (7.46 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	1 S	<u>Gear reducer (select only one)</u>
10 HP (7.46 kW) 575 V 3 ph 60 Hz	1 T	KAZ48 <b>G30</b>
15 HP (11.19 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	1 U	KAZ68 <b>G31</b>
15 HP (11.19 kW) 575 V 3 ph 60 Hz	1 V	KAZ88 <b>G32</b>
<u>ATEX II 2D, AC motor</u>		KAZ108 <b>G33</b>
0.25 HP (0.19 kW) 400 V 3 ph 50/60 Hz	2 A	<u>Infeed idler style (if CEMA C is not acceptable)</u>
0.5 HP (0.37 kW) 400 V 3 ph 50/60 Hz	2 B	CEMA D style <b>G60</b>
0.75 HP (0.56 kW) 400 V 3 ph 50/60 Hz	2 C	CEMA E style <b>G61</b>
1 HP (0.75 kW) 400 V 3 ph 50/60 Hz	2 D	<u>Carrying idler style (if CEMA C is not acceptable)</u>
1.5 HP (1.12 kW) 400 V 3 ph 50/60 Hz	2 E	CEMA D style <b>G65</b>
3 HP (2.24 kW) 400 V 3 ph 50/60 Hz	2 F	CEMA E style <b>G66</b>
5 HP (3.73 kW) 400 V 3 ph 50/60 Hz	2 G	<u>Hazardous location approved tracking switches</u>
7.5 HP (5.59 kW) 400 V 3 ph 50/60 Hz	2 H	Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G <b>E90</b>
10 HP (7.46 kW) 400 V 3 ph 50/60 Hz	2 J	ATEX II 2D <b>E91</b>
15 HP (11.19 kW) 400 V 3 ph 50/60 Hz	2 K	Safety pull cord switches: 1 pull cord on each side of weighfeeder for emergency shut down activation/alarm <b>G70</b>
<b>Belting</b>		Automatic belt tracking and tensioner: gravity tensioned belt tracker <b>G71</b>
<u>SBR 150 PIW</u>		Skirtboard seals for floodable materials: SBR adjustable skirtboard seals to contain material <b>G72</b>
2 ply	A	Shear curtain for dusty applications and floodable materials <b>G11</b>
2 ply with B-section flange walls	B	
2 ply with 1 inch (25 mm) flange walls	C	
2 PLY with 2 inch (50 mm) corrugated side walls	D	Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only) <b>G16</b>
<u>Butyl 90 PIW</u>		Plugged discharge chute detection: CLS100 Capacitance switch <b>G12</b>
3 ply HT 150 °C (300 °F)	E	Local push button station: Siemens start, stop auto/manual, speed control, E-stop hand held operator <b>G13</b>
3 ply with B-section flange walls HT 150 °C (300 °F)	F	
3 ply with 1 inch (25 mm) flange walls HT 150 °C (300 °F)	G	Manufacturer's test certificate: According to EN 10204-2.2 <b>C11</b>
3 ply with 2 inch (50 mm) corrugated side walls HT 150 °C (300 °F)	H	
<u>Nitrile 135 PIW</u>		Stainless steel tag (69 x 50 mm), measuring-point number/identification (max. 27 characters), specify in plain text <b>Y15</b>
3 ply	J	
3 ply with B-section flange walls	K	Discharge dust hood: painted mild steel with de-dust port <b>H50</b>
3 ply with 1 inch (25 mm) flange walls	L	
3 ply with 2 inch (50 mm) corrugated side walls	M	Custom design. Specify quote ref. when ordering <b>Y99</b>
<b>Belt change access side (looking from inlet to discharge)</b>		<b>Operating instructions</b>
Left hand	0	Article No. <b>A5E33560691</b>
Right hand	1	English
		Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

# SITRANS Weighfeeders

## SITRANS WW300

### 10 inch pulley, enclosed style

#### Selection and ordering data

Article No.

Article No.

#### SITRANS WW300, 10 inch pulley, enclosed style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

Add order code Y71 ... Y75 for all models to specify design data and add 1 of order code series G30 ... 37 gear reducer

#### Painted mild steel enclosed style with C/L infeed to C/L discharge

##### 18 inch (457 mm) belt width

75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (2 515 mm)  
111 inch (2 819 mm)  
123 inch (3 124 mm)  
135 inch (3 429 mm)  
147 inch (3 734 mm)  
159 inch (4 039 mm)  
171 inch (4 343 mm)  
183 inch (4 648 mm)  
195 inch (4 953 mm)

0 B  
0 C  
0 D  
0 E  
0 F  
0 G  
0 H  
0 J  
0 K  
0 L  
0 M

##### 24 inch (610 mm) belt width

75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (2 515 mm)  
111 inch (2 819 mm)  
123 inch (3 124 mm)  
135 inch (3 429 mm)  
147 inch (3 734 mm)  
159 inch (4 039 mm)  
171 inch (4 343 mm)  
183 inch (4 648 mm)  
195 inch (4 953 mm)

1 B  
1 C  
1 D  
1 E  
1 F  
1 G  
1 H  
1 J  
1 K  
1 L  
1 M

##### 30 inch (762 mm) belt width

75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (2 515 mm)  
111 inch (2 819 mm)  
123 inch (3 124 mm)  
135 inch (3 429 mm)  
147 inch (3 734 mm)  
159 inch (4 039 mm)  
171 inch (4 343 mm)  
183 inch (4 648 mm)  
195 inch (4 953 mm)

2 B  
2 C  
2 D  
2 E  
2 F  
2 G  
2 H  
2 J  
2 K  
2 L  
2 M

##### 36 inch (914 mm) belt width

75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (1 905 mm)  
111 inch (2 819 mm)  
123 inch (3 124 mm)  
135 inch (3 429 mm)  
147 inch (3 734 mm)

3 B  
3 C  
3 D  
3 E  
3 F  
3 G  
3 H

#### SITRANS WW300, 10 inch pulley, enclosed style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

159 inch (4 039 mm)  
171 inch (4 343 mm)  
183 inch (4 648 mm)  
195 inch (4 953 mm)

3 J  
3 K  
3 L  
3 M

##### 42 inch (1 067 mm) belt width

75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (2 515 mm)  
111 inch (2 819 mm)  
123 inch (3 124 mm)  
135 inch (3 429 mm)  
147 inch (3 734 mm)  
159 inch (4 039 mm)  
171 inch (4 343 mm)  
183 inch (4 648 mm)  
195 inch (4 953 mm)

4 B  
4 C  
4 D  
4 E  
4 F  
4 G  
4 H  
4 J  
4 K  
4 L  
4 M

##### 48 inch (1 219 mm) belt width

75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (2 515 mm)  
111 inch (2 819 mm)  
123 inch (3 124 mm)  
135 inch (3 429 mm)  
147 inch (3 734 mm)  
159 inch (4 039 mm)  
171 inch (4 343 mm)  
183 inch (4 648 mm)  
195 inch (4 953 mm)

5 B  
5 C  
5 D  
5 E  
5 F  
5 G  
5 H  
5 J  
5 K  
5 L  
5 M

##### 54 inch (1 372 mm) belt width

75 inch (1 905 mm)  
87 inch (2 210 mm)  
99 inch (2 515 mm)  
111 inch (2 819 mm)  
123 inch (3 124 mm)  
135 inch (3 734 mm)  
147 inch (3 734 mm)  
159 inch (4 039 mm)  
171 inch (4 343 mm)  
183 inch (4 648 mm)  
195 inch (4 953 mm)

6 B  
6 C  
6 D  
6 E  
6 F  
6 G  
6 H  
6 J  
6 K  
6 L  
6 M

# SITRANS Weighfeeders

## SITRANS WW300

10 inch pulley, enclosed style

Selection and ordering data	Article No.		Article No.	
<b>SITRANS WW300, 10 inch pulley, enclosed style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.	<b>7MH7403-</b> 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# SITRANS Weighfeeders

## SITRANS WW300

### 10 inch pulley, enclosed style

#### Selection and ordering data

#### Article No.

#### Order Code

#### SITRANS WW300, 10 inch pulley, enclosed style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### ATEX II 2D, AC motor

0.25 HP (0.19 kW) 400 V 3 ph 50/60 Hz  
0.5 HP (0.37 kW) 400 V 3 ph 50/60 Hz  
0.75 HP (0.56 kW) 400 V 3 ph 50/60 Hz  
1 HP (0.75 kW) 400 V 3 ph 50/60 Hz  
1.5 HP (1.12 kW) 400 V 3 ph 50/60 Hz  
3 HP (2.24 kW) 400 V 3 ph 50/60 Hz  
5 HP (3.73 kW) 400 V 3 ph 50/60 Hz  
7.5 HP (5.59 kW) 400 V 3 ph 50/60 Hz  
10 HP (7.46 kW) 400 V 3 ph 50/60 Hz  
15 HP (11.19 kW) 400 V 3 ph 50/60 Hz

#### Belting

#### SBR, 150 PIW

2 ply  
2 ply with B-section flange walls  
2 ply with 1 inch (25 mm) flange walls  
2 ply with 2 inch (50 mm) corrugated side walls

#### Butyl, 90 PIW

3 ply HT 150 °C (300 °F)  
3 ply with B-section flange walls HT 150 °C (300 °F)  
3 ply with 1 inch (25 mm) flange walls HT 150 °C (300 °F)  
3 ply with 2 inch (50 mm) corrugated side walls HT 150 °C (300 °F)

#### Nitrile 135 PIW

3 ply  
3 ply with B-section flange walls  
3 ply with 1 inch (25 mm) flange walls  
3 ply with 2 inch (50 mm) corrugated side walls

#### Belt change access side (looking from inlet to discharge)

Left hand  
Right hand

#### Further designs

Please add **"-Z"** to article no. and specify order code(s).

Shear gate arc radius: Enter shear gate arc radius in inches

Enter design units (TPH, MTPH, lb/h, kg/h)

Enter design speed (ft/m, m/s)

Enter design capacity/rate

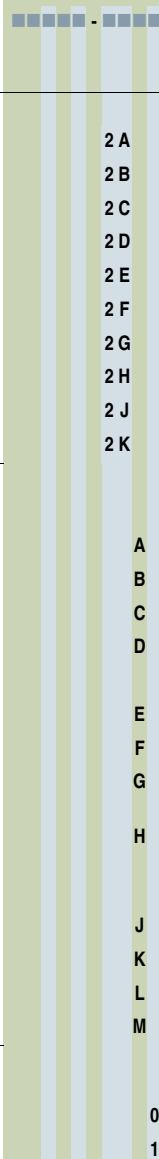
AC gearmotor reduction ratio: Enter reduction ratio in plain text

Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)

#### Gear reducer (select only one)

KAZ48  
KAZ68  
KAZ88  
KAZ108

7MH7403-



Order Code

Y74

Y71

Y72

Y73

Y75

Y01

G30

G31

G32

G33

#### Bottom covers and dust tight seals

18 inch belt width  
24 inch belt width  
30 inch belt width  
36 inch belt width  
42 inch belt width  
48 inch belt width  
54 inch belt width

#### Infeed idler style (if CEMA C is not acceptable)

CEMA D style

CEMA E style

#### Carrying idler style (if CEMA C is not acceptable)

CEMA D style

CEMA E style

#### Hazardous location approved tracking switches

Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G

ATEX II 2D

#### Drag chain clean-out conveyor

18 inch belt width  
24 inch belt width  
30 inch belt width  
36 inch belt width  
42 inch belt width  
48 inch belt width  
54 inch belt width

Safety pull cord switches: 1 pull cord on each side of weighfeeder for emergency shut down activation/alarm

Automatic belt tracking and tensioner: gravity tensioned belt tracker

Shear curtain for dusty applications and floodable materials

Skirtboard seals for floodable materials: SBR adjustable skirtboard seals to contain material

Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only)

Plugged discharge chute detection: CLS100 Capacitance switch

Local push button station: Siemens start, stop auto/manual, speed control, E-stop hand held operator

Manufacturer's test certificate: According to EN 10204-2.2

Stainless steel tag (69 x 50 mm), measuring-point number/identification (max. 27 characters), specify in plain text

Custom design

Specify quote reference when ordering

G40

G41

G42

G43

G44

G50

G51

G60

G61

G65

G66

E90

E91

G80

G81

G82

G83

G84

G85

G86

G70

G71

G11

G72

G16

G12

G13

C11

Y15

Y99

Selection and ordering data	Article No.
<p><i>Operating instructions</i></p> <p>English</p> <p>Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library</p>	<p><b>A5E33560691</b></p>





# SITRANS Weighfeeders

## SITRANS WW300

12 inch pulley, open style

**Selection and ordering data**

Article No.

Article No.

**SITRANS WW300, 12 inch pulley, open style**

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

**Load cell**Nickel plated steel

10 kg (22 lb)

15 kg (33 lb)

20 kg (44 lb)

30 kg (66 lb)

50 kg (110 lb)

75 kg (165 lb)

100 kg (220 lb)

MCS, Class II, Div. 1 Groups E, F, and G, Class III/  
Atex II 2D Ex tD A21 IP65 T70 °C

25 lb (11 kg)

50 lb (23 kg)

100 lb (45 kg)

250 lb (113 kg)

500 lb (227 kg)

**Material containment construction**

None

Add order code Y74 and plain text: "Arc radius in  
inches ...XX.XXX inch"

Shear gate inlet

Mild steel (no skirtboards)

AR400 steel (no skirtboards)

304 stainless steel (no skirtboards)

Skirtboards mild steel

Skirtboards AR400 steel

Skirtboards 304 stainless steel

**Speed sensor**Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

32 PPR WS300,  
Class II, Div. 1 Groups E, F, and G,  
Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

256 PPR WS300,  
Class II, Div. 1 Groups E, F, and G,  
Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

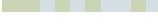
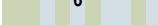
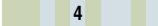
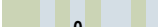
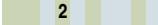
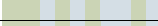
1 000 PPR WS300,  
Class II, Div. 1 Groups E, F, and G,  
Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

2 000 PPR WS300

Motor mounted

60 PPR magnetic p/u

7MH7404-

**SITRANS WW300, 12 inch pulley, open style**

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

**Drive configuration**

Add order code Y75 reduction ratio in plain text:  
"X:1".

Standard AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1.5 HP (1.12 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 575 V 3 ph 60 Hz

3 HP (2.24 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 kW) 575 V 3 ph 60 Hz

5 HP (3.73 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 kW) 575 V 3 ph 60 Hz

7.5 HP (5.59 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

7.5 HP (5.59 kW) 575 V 3 ph 60 Hz

10 HP (7.46 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

10 HP (7.46 kW) 575 V 3 ph 60 Hz

15 HP (11.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

15 HP (11.19 kW) 575 V 3 ph 60 Hz

Class I, Div. 1, Groups C and D, Class II, Div. 1,  
Groups F and G, AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1.5 HP (1.12 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 575 V 3 ph 60 Hz

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

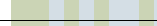
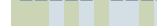
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

7MH7404-



# SITRANS Weighfeeders

## SITRANS WW300

### 12 inch pulley, open style

#### Selection and ordering data

#### Article No.

#### Order Code

##### SITRANS WW300, 12 inch pulley, open style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

3 HP (2.24 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 kW) 575 V 3 ph 60 Hz

5 HP (3.73 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 kW) 575 V 3 ph 60 Hz

7.5 HP (5.59 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

7.5 HP (5.59 kW) 575 V 3 ph 60 Hz

10 HP (7.46 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

10 HP (7.46 kW) 575 V 3 ph 60 Hz

15 HP (11.19 kW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

15 HP (11.19 kW) 575 V 3 ph 60 Hz

##### ATEX II 2D, AC motor

0.25 HP (0.19 kW) 400 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 400 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 400 V 3 ph 50/60 Hz

1 HP (0.75 kW) 400 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 400 V 3 ph 50/60 Hz

3 HP (2.24 kW) 400 V 3 ph 50/60 Hz

5 HP (3.73 kW) 400 V 3 ph 50/60 Hz

7.5 HP (5.59 kW) 400 V 3 ph 50/60 Hz

10 HP (7.46 kW) 400 V 3 ph 50/60 Hz

15 HP (11.19 kW) 400 V 3 ph 50/60 Hz

##### Belting

##### SBR 150 PIW

2 ply

2 ply with B-section flange walls

2 ply with 1 inch (25 mm) flange walls

2 PLY with 2 inch (50 mm) corrugated side walls

##### Butyl 90 PIW

3 ply HT 150 °C (300 °F)

3 ply with B-section flange walls HT 150 °C (300 °F)

3 ply with 1 inch (25 mm) flange walls HT 150 °C (300 °F)

3 ply with 2 inch (50 mm) corrugated side walls HT 150 °C (300 °F)

##### Nitrile 135 PIW

3 ply

3 ply with B-section flange walls

3 ply with 1 inch (25 mm) flange walls

3 ply with 2 inch (50 mm) corrugated side walls

##### Belt change access side (looking from inlet to discharge)

Left hand

Right hand

7MH7404-



1 L

1 M

1 N

1 P

1 Q

1 R

1 S

1 T

1 U

1 V

2 A

2 B

2 C

2 D

2 E

2 F

2 G

2 H

2 J

2 K

A

B

C

D

E

F

G

H

J

K

L

M

0

1

##### Further designs

Please add **"-Z"** to article no. and specify order code(s).

Shear gate arc radius: Enter shear gate arc radius in inches

Enter design units (TPH, MTPH, lb/h, kg/h)

Enter design speed (ft/m, m/s)

Enter design capacity/rate

AC gearmotor reduction ratio: Enter reduction ratio in plain text

Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)

##### Gear reducer (select only one)

KAZ48

KAZ68

KAZ88

KAZ108

##### Infeed idler style (if CEMA C is not acceptable)

CEMA D style

CEMA E style

##### Carrying idler style (if CEMA C is not acceptable)

CEMA D style

CEMA E style

##### Hazardous location approved tracking switches

Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G

ATEX II 2D

Safety pull cord switches: 1 pull cord on each side of weighfeeder for emergency shut down activation/alarm

Automatic belt tracking and tensioner: gravity tensioned belt tracker

Skirtboard seals for floodable materials: SBR adjustable skirtboard seals to contain material

Shear curtain for dusty applications and floodable materials

Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only)

Plugged discharge chute detection: CLS100 Capacitance switch

Local push button station: Siemens start, stop auto/manual, speed control, E-stop hand held operator

Manufacturer's test certificate: According to EN 10204-2.2

Stainless steel tag (69 x 50 mm), measuring-point number/identification (max. 27 characters), specify in plain text

Discharge dust hood: painted mild steel with de-dust port

Custom design. Specify quote ref. when ordering

##### Operating instructions

• English

Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

Y74

Y71

Y72

Y73

Y75

Y01

G30

G31

G32

G33

G60

G61

G65

G66

E90

E91

G70

G71

G72

G11

G16

G12

G13

C11

Y15

H50

Y99

Article No.

A5E33560691

# SITRANS Weighfeeders

## SITRANS WW300

### 12 inch pulley, enclosed style

Selection and ordering data		Article No.	Article No.	
<b>SITRANS WW300, 12 inch pulley, enclosed style</b>	<b>7MH7405-</b>	<b>SITRANS WW300, 12 inch pulley, enclosed style</b>	<b>7MH7405-</b>	
High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.		High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.		
Add order code Y71 ... Y75 for all models to specify design data and add 1 of order code series G30 ... 37 gear reducer				
<b>Painted mild steel enclosed style with C/L infeed to C/L discharge</b>				
<u>18 inch (457 mm) belt width</u>		<u>42 inch (1 067 mm) belt width</u>		
87 inch (2 210 mm)	<b>0 C</b>	87 inch (2 210 mm)	<b>4 C</b>	
99 inch (2 515 mm)	<b>0 D</b>	99 inch (2 515 mm)	<b>4 D</b>	
111 inch (2 819 mm)	<b>0 E</b>	111 inch (2 819 mm)	<b>4 E</b>	
123 inch (3 124 mm)	<b>0 F</b>	123 inch (3 124 mm)	<b>4 F</b>	
135 inch (3 429 mm)	<b>0 G</b>	135 inch (3 429 mm)	<b>4 G</b>	
147 inch (3 734 mm)	<b>0 H</b>	147 inch (3 734 mm)	<b>4 H</b>	
159 inch (4 039 mm)	<b>0 J</b>	159 inch (4 039 mm)	<b>4 J</b>	
171 inch (4 343 mm)	<b>0 K</b>	171 inch (4 343 mm)	<b>4 K</b>	
183 inch (4 648 mm)	<b>0 L</b>	183 inch (4 648 mm)	<b>4 L</b>	
195 inch (4 953 mm)	<b>0 M</b>	195 inch (4 953 mm)	<b>4 M</b>	
<u>24 inch (610 mm) belt width</u>		<u>48 inch (1 219 mm) belt width</u>		
87 inch (2 210 mm)	<b>1 C</b>	87 inch (2 210 mm)	<b>5 C</b>	
99 inch (2 515 mm)	<b>1 D</b>	99 inch (2 515 mm)	<b>5 D</b>	
111 inch (2 819 mm)	<b>1 E</b>	111 inch (2 819 mm)	<b>5 E</b>	
123 inch (3 124 mm)	<b>1 F</b>	123 inch (3 124 mm)	<b>5 F</b>	
135 inch (3 429 mm)	<b>1 G</b>	135 inch (3 429 mm)	<b>5 G</b>	
147 inch (3 734 mm)	<b>1 H</b>	147 inch (3 734 mm)	<b>5 H</b>	
159 inch (4 039 mm)	<b>1 J</b>	159 inch (4 039 mm)	<b>5 J</b>	
171 inch (4 343 mm)	<b>1 K</b>	171 inch (4 343 mm)	<b>5 K</b>	
183 inch (4 648 mm)	<b>1 L</b>	171 inch (4 343 mm)	<b>5 K</b>	
195 inch (4 953 mm)	<b>1 M</b>	183 inch (4 648 mm)	<b>5 L</b>	
<u>30 inch (762 mm) belt width</u>		195 inch (4 953 mm)	<b>5 M</b>	
87 inch (2 210 mm)	<b>2 C</b>	<u>54 inch (1 372 mm) belt width</u>		
99 inch (2 515 mm)	<b>2 D</b>	87 inch (2 210 mm)	<b>6 C</b>	
111 inch (2 819 mm)	<b>2 E</b>	99 inch (2 515 mm)	<b>6 D</b>	
123 inch (3 124 mm)	<b>2 F</b>	111 inch (2 819 mm)	<b>6 E</b>	
135 inch (3 429 mm)	<b>2 G</b>	123 inch (3 124 mm)	<b>6 F</b>	
147 inch (3 734 mm)	<b>2 H</b>	135 inch (3 734 mm)	<b>6 G</b>	
159 inch (4 039 mm)	<b>2 J</b>	147 inch (3 734 mm)	<b>6 H</b>	
171 inch (4 343 mm)	<b>2 K</b>	159 inch (4 039 mm)	<b>6 J</b>	
183 inch (4 648 mm)	<b>2 L</b>	171 inch (4 343 mm)	<b>6 K</b>	
195 inch (4 953 mm)	<b>2 M</b>	183 inch (4 648 mm)	<b>6 L</b>	
<u>36 inch (914 mm) belt width</u>		195 inch (4 953 mm)	<b>6 M</b>	
87 inch (2 210 mm)	<b>3 C</b>			
99 inch (1 905 mm)	<b>3 D</b>			
111 inch (2 819 mm)	<b>3 E</b>			
123 inch (3 124 mm)	<b>3 F</b>			
135 inch (3 429 mm)	<b>3 G</b>			
147 inch (3 734 mm)	<b>3 H</b>			
159 inch (4 039 mm)	<b>3 J</b>			
171 inch (4 343 mm)	<b>3 K</b>			
183 inch (4 648 mm)	<b>3 L</b>			
195 inch (4 953 mm)	<b>3 M</b>			

# SITRANS Weighfeeders

## SITRANS WW300

### 12 inch pulley, enclosed style

#### Selection and ordering data

Article No.

Article No.

#### SITRANS WW300, 12 inch pulley, enclosed style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### Load cell

Nickel plated steel

10 kg (22 lb)

15 kg (33 lb)

20 kg (44 lb)

30 kg (66 lb)

50 kg (110 lb)

75 kg (165 lb)

100 kg (220 lb)

MCS, Class II, Div. 1 Groups E, F, and G, Class III/  
Atex II 2D Ex tD A21 IP65 T70 °C

25 lb (11 kg)

50 lb (23 kg)

100 lb (45 kg)

250 lb (113 kg)

500 lb (227 kg)

#### Material containment construction

None

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch"

Shear gate inlet

Mild steel (no skirtboards)

AR400 steel (no skirtboards)

304 stainless steel (no skirtboards)

Skirtboards mild steel

Skirtboards AR400 steel

Skirtboards 304 stainless steel

#### Speed sensor

Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

32 PPR WS300, Class II, Div. 1 Groups E, F, and G, Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

256 PPR WS300, Class II, Div. 1 Groups E, F, and G, Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

1 000 PPR WS300, Class II, Div. 1 Groups E, F, and G, Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

2 000 PPR WS300

Motor mounted

60 PPR magnetic p/u

#### Drive configuration

Add order code Y75 reduction ratio in plain text: "X:1"

Standard AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

7MH7405-



A

B

C

D

E

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0

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4

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6

7

0 A

0 B

0 C

0 D

0 E

#### SITRANS WW300, 12 inch pulley, enclosed style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1.5 HP (1.12 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 575 V 3 ph 60 Hz

3 HP (2.24 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 kW) 575 V 3 ph 60 Hz

5 HP (3.73 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 kW) 575 V 3 ph 60 Hz

7.5 HP (5.59 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

7.5 HP (5.59 kW) 575 V 3 ph 60 Hz

10 HP (7.46 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

10 HP (7.46 kW) 575 V 3 ph 60 Hz

15 HP (11.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

15 HP (11.19 kW) 575 V 3 ph 60 Hz

Class I, Div. 1, Groups C and D, Class II, Div. 1,  
Groups F and G, AC motor

0.25 HP (0.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 kW) 575 V 3 ph 60 Hz

0.5 HP (0.37 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 kW) 575 V 3 ph 60 Hz

0.75 HP (0.56 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 kW) 575 V 3 ph 60 Hz

1 HP (0.75 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 kW) 575 V 3 ph 60 Hz

1.5 HP (1.12 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 kW) 575 V 3 ph 60 Hz

3 HP (2.24 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 kW) 575 V 3 ph 60 Hz

5 HP (3.73 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 kW) 575 V 3 ph 60 Hz

7.5 HP (5.59 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

7.5 HP (5.59 kW) 575 V 3 ph 60 Hz

10 HP (7.46 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

10 HP (7.46 kW) 575 V 3 ph 60 Hz

15 HP (11.19 kW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

15 HP (11.19 kW) 575 V 3 ph 60 Hz

7MH7405-



0 F

0 G

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1 K

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1 M

1 N

1 P

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# SITRANS Weighfeeders

## SITRANS WW300

12 inch pulley, enclosed style

Selection and ordering data	Article No.	Order Code
<b>SITRANS WW300, 12 inch pulley, enclosed style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.	<b>7MH7405-</b> 	<b>Further designs</b> Please add <b>"-Z"</b> to article no. and specify order code(s).
<u>ATEX II 2D, AC motor</u> 0.25 HP (0.19 kW) 400 V 3 ph 50/60 Hz 0.5 HP (0.37 kW) 400 V 3 ph 50/60 Hz 0.75 HP (0.56 kW) 400 V 3 ph 50/60 Hz 1 HP (0.75 kW) 400 V 3 ph 50/60 Hz 1.5 HP (1.12 kW) 400 V 3 ph 50/60 Hz 3 HP (2.24 kW) 400 V 3 ph 50/60 Hz 5 HP (3.73 kW) 400 V 3 ph 50/60 Hz 7.5 HP (5.59 kW) 400 V 3 ph 50/60 Hz 10 HP (7.46 kW) 400 V 3 ph 50/60 Hz 15 HP (11.19 kW) 400 V 3 ph 50/60 Hz	<b>2 A</b> <b>2 B</b> <b>2 C</b> <b>2 D</b> <b>2 E</b> <b>2 F</b> <b>2 G</b> <b>2 H</b> <b>2 J</b> <b>2 K</b>	Shear gate arc radius: Enter shear gate arc radius in inches <b>Y74</b> Enter design units (TPH, MTPH, lb/h, kg/h) <b>Y71</b> Enter design speed (ft/m, m/s) <b>Y72</b> Enter design capacity/rate <b>Y73</b> AC gearmotor reduction ratio: Enter reduction ratio in plain text <b>Y75</b> Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters) <b>Y01</b> <u>Gear reducer (select only one)</u> KAZ68 <b>G31</b> KAZ88 <b>G32</b> KAZ108 <b>G33</b> KAZ128 <b>G34</b>
<b>Belting</b> <u>SBR, 150 PIW</u> 2 ply 2 ply with B-section flange walls 2 ply with 1 inch (25 mm) flange walls 2 ply with 2 inch (50 mm) corrugated side walls <u>Butyl, 90 PIW</u> 3 ply HT 150 °C (300 °F) 3 ply with B-section flange walls HT 150 °C (300 °F) 3 ply with 1 inch (25 mm) flange walls HT 150 °C (300 °F) 3 ply with 2 inch (50 mm) corrugated side walls HT 150 °C (300 °F) <u>Nitrile 135 PIW</u> 3 ply 3 ply with B-section flange walls 3 ply with 1 inch (25 mm) flange walls 3 ply with 2 inch (50 mm) corrugated side walls <u>SBR, 220 PIW</u> 2 ply 2 ply with B-section flange walls 2 ply with 1 inch (25 mm) flange walls 2 ply with 2 inch (50 mm) corrugated side walls <u>Butyl, 220 PIW</u> 2 ply HT 200 °C (400 °F) 2 ply with B-section flange walls HT 200 °C (400 °F) 2 ply with 1 inch (25 mm) flange walls HT 200 °C (400 °F) 2 ply with 2 inch (50 mm) corrugated side walls HT 200 °C (400 °F)	<b>A</b> <b>B</b> <b>C</b> <b>D</b> <b>E</b> <b>F</b> <b>G</b> <b>H</b> <b>J</b> <b>K</b> <b>L</b> <b>M</b> <b>N</b> <b>P</b> <b>Q</b> <b>R</b> <b>S</b> <b>T</b> <b>U</b> <b>V</b>	<u>Bottom covers and dust tight seals</u> 18 inch belt width <b>G40</b> 24 inch belt width <b>G41</b> 30 inch belt width <b>G42</b> 36 inch belt width <b>G43</b> 42 inch belt width <b>G44</b> 48 inch belt width <b>G50</b> 54 inch belt width <b>G51</b> <u>Infeed idler style (if CEMA C is not acceptable)</u> CEMA D style <b>G60</b> CEMA E style <b>G61</b> <u>Carrying idler style (if CEMA C is not acceptable)</u> CEMA D style <b>G65</b> CEMA E style <b>G66</b> <u>Hazardous location approved tracking switches</u> Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G <b>E90</b> ATEX II 2D <b>E91</b> <u>Drag chain clean-out conveyor</u> 18 inch belt width <b>G80</b> 24 inch belt width <b>G81</b> 30 inch belt width <b>G82</b> 36 inch belt width <b>G83</b> 42 inch belt width <b>G84</b> 48 inch belt width <b>G85</b> 54 inch belt width <b>G86</b> Safety pull cord switches: 1 pull cord on each side of weighfeeder for emergency shut down activation/alarm <b>G70</b> Automatic belt tracking and tensioner: gravity tensioned belt tracker <b>G71</b> Shear curtain for dusty applications and floodable materials <b>G11</b>
<b>Belt change access side (looking from inlet to discharge)</b> Left hand Right hand	<b>0</b> <b>1</b>	

**SITRANS Weighfeeders**

SITRANS WW300

**12 inch pulley, enclosed style****Selection and ordering data****Order Code**

Skirtboard seals for floodable materials: SBR adjustable skirtboard seals to contain material

**G72**

Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only)

**G16**

Plugged discharge chute detection: CLS100 Capacitance switch

**G12**

Local push button station: Siemens start, stop auto/manual, speed control, E-stop hand held operator

**G13**

Manufacturer's test certificate: According to EN 10204-2.2

**C11**

Stainless steel tag (69 x 50 mm), measuring-point number/identification (max. 27 characters), specify in plain text

**Y15**

Custom design. Specify quote ref. when ordering

**Y99*****Operating instructions***

Article No.

English

**A5E33560691**

Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

# SITRANS Weighfeeders

## SITRANS WW300

14 inch pulley, open style

Selection and ordering data		Article No.	Article No.	
<b>SITRANS WW300, 14 inch pulley, open style</b>		<b>7MH7406-</b>	<b>SITRANS WW300, 14 inch pulley, open style</b>	
High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.			High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.	
Add order code Y71 ... Y75 for all models to specify design data and add 1 of order code series G30 ... 37 gear reducer			<u>42 inch (1 067 mm) belt width</u>	
<b>Painted mild steel, open style, with C/L infeed to C/L discharge</b>			99 inch (2 515 mm)	
<u>18 inch (457 mm) belt width</u>			111 inch (2 819 mm)	
99 inch (2 515 mm)	0 D		123 inch (3 124 mm)	4 F
111 inch (2 819 mm)	0 E		135 inch (3 429 mm)	4 G
123 inch (3 124 mm)	0 F		147 inch (3 734 mm)	4 H
135 inch (3 429 mm)	0 G		159 inch (4 039 mm)	4 J
147 inch (3 734 mm)	0 H		171 inch (4 343 mm)	4 K
159 inch (4 039 mm)	0 J		183 inch (4 648 mm)	4 L
171 inch (4 343 mm)	0 K		195 inch (4 953 mm)	4 M
183 inch (4 648 mm)	0 L		<u>48 inch (1 219 mm) belt width</u>	
195 inch (4 953 mm)	0 M		99 inch (2 515 mm)	5 D
<u>24 inch (610 mm) belt width</u>			111 inch (2 819 mm)	5 E
99 inch (2 515 mm)	1 D		123 inch (3 124 mm)	5 F
111 inch (2 819 mm)	1 E		135 inch (3 429 mm)	5 G
123 inch (3 124 mm)	1 F		147 inch (3 734 mm)	5 H
135 inch (3 429 mm)	1 G		159 inch (4 039 mm)	5 J
147 inch (3 734 mm)	1 H		171 inch (4 343 mm)	5 K
159 inch (4 039 mm)	1 J		183 inch (4 648 mm)	5 L
171 inch (4 343 mm)	1 K		195 inch (4 953 mm)	5 M
183 inch (4 648 mm)	1 L		<u>54 inch (1 372 mm) belt width</u>	
195 inch (4 953 mm)	1 M		99 inch (2 515 mm)	6 D
<u>30 inch (762 mm) belt width</u>			111 inch (2 819 mm)	6 E
99 inch (2 515 mm)	2 D		123 inch (3 124 mm)	6 F
111 inch (2 819 mm)	2 E		135 inch (3 429 mm)	6 G
123 inch (3 124 mm)	2 F		147 inch (3 734 mm)	6 H
135 inch (3 429 mm)	2 G		159 inch (4 039 mm)	6 J
147 inch (3 734 mm)	2 H		171 inch (4 343 mm)	6 K
159 inch (4 039 mm)	2 J		183 inch (4 648 mm)	6 L
171 inch (4 343 mm)	2 K		195 inch (4 953 mm)	6 M
183 inch (4 648 mm)	2 L			
195 inch (4 953 mm)	2 M			
<u>36 inch (914 mm) belt width</u>				
99 inch (1 905 mm)	3 D			
111 inch (2 819 mm)	3 E			
123 inch (3 124 mm)	3 F			
135 inch (3 429 mm)	3 G			
147 inch (3 734 mm)	3 H			
159 inch (4 039 mm)	3 J			
171 inch (4 343 mm)	3 K			
183 inch (4 648 mm)	3 L			
195 inch (4 953 mm)	3 M			





# SITRANS Weighfeeders

## SITRANS WW300

14 inch pulley, open style

Selection and ordering data		Article No.		Article No.	
<b>SITRANS WW300, 14 inch pulley, open style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.		<b>7MH7406-</b> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><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**SITRANS Weighfeeders**

SITRANS WW300

**14 inch pulley, open style****Selection and ordering data**

## Order Code

Local push button station: Siemens start, stop auto/manual, speed control, E-stop hand held operator

**G13**

Manufacturer's test certificate:  
According to EN 10204-2.2

**C11**

Stainless steel tag (69 x 50 mm), measuring-point number/identification (max. 27 characters), specify in plain text

**Y15**

Discharge dust hood: painted mild steel with de-dust port

**H50**

Custom design. Specify quote ref. when ordering

**Y99*****Operating instructions***

Article No.

- English

**A5E33560691**

Note: The operating instructions should be ordered as a separate item on the order.

This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

Selection and ordering data		Article No.	Article No.
<b>SITRANS WW300, 14 inch pulley, enclosed style</b>		<b>7MH7407-</b>	<b>7MH7407-</b>
High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.			
Add order code Y71 ... Y75 for all models to specify design data and add 1 of order code series G30 ... 37 gear reducer			
<b>Painted mild steel enclosed style with C/L infeed to C/L discharge</b>			
<u>18 inch (457 mm) belt width</u>			
99 inch (2 515 mm)	0 D	42 inch (1 067 mm) belt width	4 D
111 inch (2 819 mm)	0 E	99 inch (2 515 mm)	4 E
123 inch (3 124 mm)	0 F	111 inch (2 819 mm)	4 F
135 inch (3 429 mm)	0 G	123 inch (3 124 mm)	4 G
147 inch (3 734 mm)	0 H	135 inch (3 429 mm)	4 H
159 inch (4 039 mm)	0 J	147 inch (3 734 mm)	4 J
171 inch (4 343 mm)	0 K	159 inch (4 039 mm)	4 K
183 inch (4 648 mm)	0 L	171 inch (4 343 mm)	4 L
195 inch (4 953 mm)	0 M	183 inch (4 648 mm)	4 M
		195 inch (4 953 mm)	
<u>24 inch (610 mm) belt width</u>		<u>48 inch (1 219 mm) belt width</u>	
99 inch (2 515 mm)	1 D	99 inch (2 515 mm)	5 D
111 inch (2 819 mm)	1 E	111 inch (2 819 mm)	5 E
123 inch (3 124 mm)	1 F	123 inch (3 124 mm)	5 F
135 inch (3 429 mm)	1 G	135 inch (3 429 mm)	5 G
147 inch (3 734 mm)	1 H	147 inch (3 734 mm)	5 H
159 inch (4 039 mm)	1 J	159 inch (4 039 mm)	5 J
171 inch (4 343 mm)	1 K	171 inch (4 343 mm)	5 K
183 inch (4 648 mm)	1 L	183 inch (4 648 mm)	5 L
195 inch (4 953 mm)	1 M	195 inch (4 953 mm)	5 M
<u>30 inch (762 mm) belt width</u>		<u>54 inch (1 372 mm) belt width</u>	
99 inch (2 515 mm)	2 D	99 inch (2 515 mm)	6 D
111 inch (2 819 mm)	2 E	111 inch (2 819 mm)	6 E
123 inch (3 124 mm)	2 F	123 inch (3 124 mm)	6 F
135 inch (3 429 mm)	2 G	135 inch (3 734 mm)	6 G
147 inch (3 734 mm)	2 H	147 inch (3 734 mm)	6 H
159 inch (4 039 mm)	2 J	159 inch (4 039 mm)	6 J
171 inch (4 343 mm)	2 K	171 inch (4 343 mm)	6 K
183 inch (4 648 mm)	2 L	183 inch (4 648 mm)	6 L
195 inch (4 953 mm)	2 M	195 inch (4 953 mm)	6 M
<u>36 inch (914 mm) belt width</u>			
99 inch (1 905 mm)	3 D		
111 inch (2 819 mm)	3 E		
123 inch (3 124 mm)	3 F		
135 inch (3 429 mm)	3 G		
147 inch (3 734 mm)	3 H		
159 inch (4 039 mm)	3 J		
171 inch (4 343 mm)	3 K		
183 inch (4 648 mm)	3 L		
195 inch (4 953 mm)	3 M		

SITRANS WW300


## Selection and ordering data

5/76

# SITRANS Weighfeeders

## SITRANS WW300

14 inch pulley, enclosed style

Selection and ordering data	Article No.	Order Code
<b>SITRANS WW300, 14 inch pulley, enclosed style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.	<b>7MH7407-</b> 	<b>Further designs</b> Please add <b>"-Z"</b> to article no. and specify order code(s).
<u>ATEX II 2D, AC motor</u> 0.25 HP (0.19 kW) 400 V 3 ph 50/60 Hz 0.5 HP (0.37 kW) 400 V 3 ph 50/60 Hz 0.75 HP (0.56 kW) 400 V 3 ph 50/60 Hz 1 HP (0.75 kW) 400 V 3 ph 50/60 Hz 1.5 HP (1.12 kW) 400 V 3 ph 50/60 Hz 3 HP (2.24 kW) 400 V 3 ph 50/60 Hz 5 HP (3.73 kW) 400 V 3 ph 50/60 Hz 7.5 HP (5.59 kW) 400 V 3 ph 50/60 Hz 10 HP (7.46 kW) 400 V 3 ph 50/60 Hz 15 HP (11.19 kW) 400 V 3 ph 50/60 Hz	<b>2 A</b> <b>2 B</b> <b>2 C</b> <b>2 D</b> <b>2 E</b> <b>2 F</b> <b>2 G</b> <b>2 H</b> <b>2 J</b> <b>2 K</b>	Shear gate arc radius: Enter shear gate arc radius in inches <b>Y74</b> Enter design units (TPH, MTPH, lb/h, kg/h) <b>Y71</b> Enter design speed (ft/m, m/s) <b>Y72</b> Enter design capacity/rate <b>Y73</b> AC gearmotor reduction ratio: Enter reduction ratio in plain text <b>Y75</b> Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters) <b>Y01</b>
<b>Belting</b> <u>SBR, 150 PIW</u> 2 ply 2 ply with B-section flange walls 2 ply with 1 inch (25 mm) flange walls 2 ply with 2 inch (50 mm) corrugated side walls <u>Butyl, 90 PIW</u> 3 ply HT 150 °C (300 °F) 3 ply with B-section flange walls HT 150 °C (300 °F) 3 ply with 1 inch (25 mm) flange walls HT 150 °C (300 °F) 3 ply with 2 inch (50 mm) corrugated side walls HT 150 °C (300 °F) <u>Nitrile 135 PIW</u> 3 ply 3 ply with B-section flange walls 3 ply with 1 inch (25 mm) flange walls 3 ply with 2 inch (50 mm) corrugated side walls <u>SBR, 220 PIW</u> 2 ply 2 ply with B-section flange walls 2 ply with 1 inch (25 mm) flange walls 2 ply with 2 inch (50 mm) corrugated side walls <u>Butyl, 220 PIW</u> 2 ply HT 200 °C (400 °F) 2 ply with B-section flange walls HT 200 °C (400 °F) 2 ply with 1 inch (25 mm) flange walls HT 200 °C (400 °F) 2 ply with 2 inch (50 mm) corrugated side walls HT 200 °C (400 °F)	<b>A</b> <b>B</b> <b>C</b> <b>D</b> <b>E</b> <b>F</b> <b>G</b> <b>H</b> <b>J</b> <b>K</b> <b>L</b> <b>M</b> <b>N</b> <b>P</b> <b>Q</b> <b>R</b> <b>S</b> <b>T</b> <b>U</b> <b>V</b>	<u>Gear reducer (select only one)</u> KAZ88 <b>G32</b> KAZ108 <b>G33</b> KAZ128 <b>G34</b> KAZ148 <b>G35</b> <u>Bottom covers and dust tight seals</u> 18 inch belt width <b>G40</b> 24 inch belt width <b>G41</b> 30 inch belt width <b>G42</b> 36 inch belt width <b>G43</b> 42 inch belt width <b>G44</b> 48 inch belt width <b>G50</b> 54 inch belt width <b>G51</b> <u>Infeed idler style (if CEMA C is not acceptable)</u> CEMA D style <b>G60</b> CEMA E style <b>G61</b> <u>Carrying idler style (if CEMA C is not acceptable)</u> CEMA D style <b>G65</b> CEMA E style <b>G66</b> <u>Hazardous location approved tracking switches</u> Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G <b>E90</b> ATEX II 2D <b>E91</b> <u>Drag chain clean-out conveyor</u> 18 inch belt width <b>G80</b> 24 inch belt width <b>G81</b> 30 inch belt width <b>G82</b> 36 inch belt width <b>G83</b> 42 inch belt width <b>G84</b> 48 inch belt width <b>G85</b> 54 inch belt width <b>G86</b> Safety pull cord switches: 1 pull cord on each side of weighfeeder for emergency shut down activation/alarm <b>G70</b> Automatic belt tracking and tensioner: gravity tensioned belt tracker <b>G71</b>
<b>Belt change access side (looking from inlet to discharge)</b> Left hand Right hand	<b>0</b> <b>1</b>	

**SITRANS Weighfeeders****SITRANS WW300****14 inch pulley, enclosed style****Selection and ordering data****Order Code**

Shear curtain for dusty applications and floodable materials	<b>G11</b>
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Skirtboard seals for floodable materials: SBR adjustable skirtboard seals to contain material	<b>G72</b>
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Secondary speed detection for differential monitoring: 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only)	<b>G16</b>
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Plugged discharge chute detection: CLS100 Capacitance switch	<b>G12</b>
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Local push button station: Siemens start, stop auto/manual, speed control, E-stop hand held operator	<b>G13</b>
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Manufacturer's test certificate: According to EN 10204-2.2	<b>C11</b>
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Stainless steel tag (69 x 50 mm), measuring-point number/identification (max. 27 characters), specify in plain text	<b>Y15</b>
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Custom design. Specify quote ref. when ordering	<b>Y99</b>
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**Operating instructions**

- English

Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

Article No.

**A5E33560691**

<b>Selection and ordering data</b>		Article No.	Article No.
<b>Accessories</b>			
Start, Stop, Hand/Off/Auto, speed pot local operator station	<b>7MH7723-1JA</b>	Termination box 1, 2, 4 load cell and speed sensor, mild steel	<b>7MH7723-1ND</b>
E-stop push button, enclosed style	<b>3SB38010DF3</b>	Termination box 1, 2, 4 load cell and speed sensor, stainless steel	<b>7MH7723-1NE</b>
<b>Calibration hanger weights</b>		Motor, 0.25 HP (0.19 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NG</b>
200 g (0.4 lb)	<b>7MH7724-1AF</b>	Motor, 0.5 HP (0.37 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NH</b>
500 g (1.1 lb)	<b>7MH7724-1AG</b>	Motor, 0.75 HP (0.56 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NJ</b>
1 000 g (2.2 lb)	<b>7MH7724-1AH</b>	Motor, 1 HP (0.75 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NK</b>
2 000 g (4.4 lb)	<b>7MH7724-1AJ</b>	Motor, 1.5 HP (1.12 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PF</b>
3 500 g (7.7 lb)	<b>7MH7724-1BQ</b>	Motor, 3 HP (2.24 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PG</b>
5 000 g (11 lb)	<b>7MH7724-1AK</b>	Motor, 5 HP (3.73 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PH</b>
7 500 g (16.5 lb)	<b>7MH7724-1BR</b>	Motor, 7.5 HP (5.59 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PJ</b>
8 500 g (18.7 lb)	<b>7MH7724-1BS</b>	Motor, 10 HP (7.46 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PK</b>
10 000 g (22 lb)	<b>7MH7724-1BT</b>	Motor, 15 HP (11.19 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PL</b>
12 000 g (26.5 lb)	<b>7MH7724-1BU</b>	Motor, 0.25 HP (0.19 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NL</b>
15 000 g (33.1 lb)	<b>7MH7724-1BV</b>	Motor, 0.5 HP (0.37 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NM</b>
Note: Calibration accessories should be ordered as a separate item on the order		Motor, 0.75 HP (0.56 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NN</b>
<b>Spare parts</b>		Motor, 1 HP (0.75 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NP</b>
10 kg (22 lb) nickel plated steel load cell	<b>7MH7725-1EK</b>	Motor, 1.5 HP (1.12 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1PM</b>
15 kg (33.1 lb) nickel plated steel load cell	<b>7MH7725-1EL</b>	Motor, 3 HP (2.24 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1PN</b>
20 kg (44 lb) nickel plated steel load cell	<b>7MH7725-1EM</b>	Motor, 5 HP (3.73 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1PP</b>
30 kg (66.2 lb) nickel plated steel load cell	<b>7MH7725-1EN</b>	Motor, 7.5 HP (5.59 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1PQ</b>
50 kg (110.2 lb) nickel plated steel load cell	<b>7MH7725-1EP</b>	Motor, 10 HP (7.46 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1PR</b>
75 kg (165 lb) nickel plated steel load cell	<b>7MH7725-1CS</b>	Motor, 15 HP (11.19 kW) STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1PS</b>
100 kg (220 lb) nickel plated steel load cell	<b>7MH7725-1CT</b>		
11 kg (25 lb) stainless steel load cell	<b>7MH7725-1DQ</b>		
23 kg (50 lb) stainless steel load cell	<b>7MH7725-1DL</b>		
45 kg (100 lb) stainless steel load cell	<b>7MH7725-1DM</b>		
113 kg (250 lb) stainless steel load cell	<b>7MH7725-1DN</b>		
227 kg (500 lb) stainless steel load cell	<b>7MH7725-1DP</b>		
500 PPR optical encoder	<b>6FX20012PA50</b>		
1 000 PPR optical encoder	<b>6FX20012PB00</b>		
2 500 PPR optical encoder	<b>6FX20012PC50</b>		
Optical encoder connector	<b>6FX20030SU12</b>		
Siemens encoder connector with 20 ft cable	<b>7MH7723-1KM</b>		
32 PPR WS300 speed sensor	<b>7MH7177-1AA100</b>		
256 PPR WS300 speed sensor	<b>7MH7177-2AA100</b>		
1 000 PPR WS300 speed sensor	<b>7MH7177-3AA100</b>		
2 000 PPR WS300 speed sensor	<b>7MH7177-4AD100</b>		
Magnetic proximity switch	<b>7MH7723-1GA</b>		
Motor mounted sensor flange 56C	<b>7MH7723-1RB</b>		
Motor mounted sensor flange 145TC	<b>7MH7723-1RC</b>		
Motor mounted sensor flange 182TC 184TC	<b>7MH7723-1RD</b>		
Motor mounted sensor flange 213TC 215TC	<b>7MH7723-1RE</b>		
Motor mounted sensor flange 254TC 256TC	<b>7MH7723-1RF</b>		
Belt tracking switch	<b>3SE5112-0CR01</b>		
Pull cord switch	<b>3SE7120-2DD01</b>		
Pull cord switch cable	<b>3SE7910-3AA</b>		
Pull cord switch cable clamp	<b>3SE7941-1AC</b>		

# SITRANS Weighfeeders

## SITRANS WW300

### Accessories and spare parts

#### Selection and ordering data

Article No.

Article No.

#### *Hazardous rated electrical spare parts*

##### Load cells

Load cell, 25 lb (11.3 kg), stainless steel,  
CSA/FM/ATEX/IEC EX

**7MH7725-1DQ**

Load cell, 50 lb (22.7 kg), stainless steel,  
CSA/FM/ATEX/IEC EX

**7MH7725-1DL**

Load cell, 100 lb (45.4 kg), stainless steel,  
CSA/FM/ATEX/IEC EX

**7MH7725-1DM**

Load cell, 250 lb (113.4 kg), stainless steel,  
CSA/FM/ATEX/IEC EX

**7MH7725-1DN**

Load cell, 500 lb (226.8 kg), stainless steel,  
CSA/FM/ATEX/IEC EX

**7MH7725-1DP**

##### WS300 speed sensors

32 PPR  
CSA/FM/ATEX/IEC EX

**7MH7177-1AA100**

256 PPR  
CSA/FM/ATEX/IEC EX

**7MH7177-2AA100**

1 000 PPR  
CSA/FM/ATEX/IEC EX

**7MH7177-3AA100**

##### Motors

Motor, 0.25 HP (0.19 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PB**

Motor, 0.5 HP (0.37 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PC**

Motor, 0.75 HP (0.56 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PD**

Motor, 1 HP (0.75 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1NV**

Motor, 1.5 HP (1.12 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PT**

Motor, 3 HP (2.24 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PU**

Motor, 5 HP (3.73 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PV**

Motor, 7.5 HP (5.59 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PW**

Motor, 10 HP (7.46 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PX**

Motor, 15 HP (11.19 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 230/460 V – 60 Hz 3 ph

**7MH7723-1PY**

Motor, 0.25 HP (0.19 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QA**

Motor, 0.5 HP (0.37 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QB**

Motor, 0.75 HP (0.56 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QC**

Motor, 1 HP (0.75 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QD**

Motor, 1.5 HP (1.12 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QE**

Motor, 3 HP (2.24 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QF**

Motor, 5 HP (3.73 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QG**

Motor, 7.5 HP (5.59 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QH**

Motor, 10 HP (7.46 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QJ**

Motor, 15 HP (11.19 kW),  
Class I Div. 1, groups C&D, Class II Div. 1,  
groups F&G, 575 V – 50 Hz 3 ph

**7MH7723-1QK**

Motor, 0.25 HP (0.19 kW), ATEX II 2D  
400 V – 50 Hz 3 ph

**1LA90734KA94-Z**

Motor, 0.5 HP (0.37 kW), ATEX II 2D  
400 V – 50 Hz 3 ph

**1LA90834KA94-Z**

Motor, 0.75 HP (0.56 kW), ATEX II 2D  
400 V – 50 Hz 3 ph

**1LA90904KA94-Z**

Motor, 1 HP (0.75 kW), ATEX II 2D  
400 V – 50 Hz 3 ph

**1LA90964KA94-Z**

Motor, 1.5 HP (1.12 kW), ATEX II 2D  
400 V – 50 Hz 3 ph

**1LA91064KA94-Z**

Motor, 3 HP (2.24 kW), ATEX II 2D  
400 V – 50 Hz 3 ph

**1LA91134KA94-Z**

Motor, 5 HP (3.73 kW), ATEX II 2D  
400 V – 50 Hz 3 ph

**1LA91334KA94-Z**

Motor, 7.5 HP (5.59 kW), ATEX II 2D  
400 V – 50 Hz 3 ph

**1LA91634KA94-Z**

Motor, 10 HP (7.46 kW), ATEX II 2D  
400 V – 50 Hz 3 ph

**1LA91664KA94-Z**

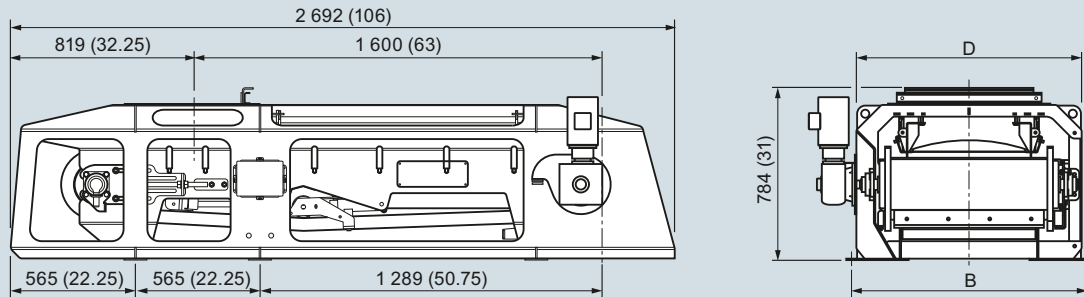
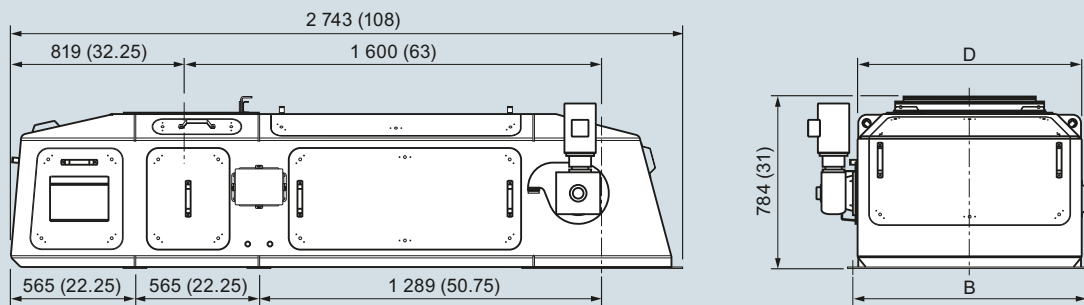
Motor, 15 HP (11.19 kW), ATEX II 2D  
400 V – 50 Hz 3 ph

**1LG61834AA94-Z**

Belt tracking switch, ATEX II 2D/Class I Div. 1,  
groups C&D, Class II Div. 1, groups F&G

**7MH7723-1RA**



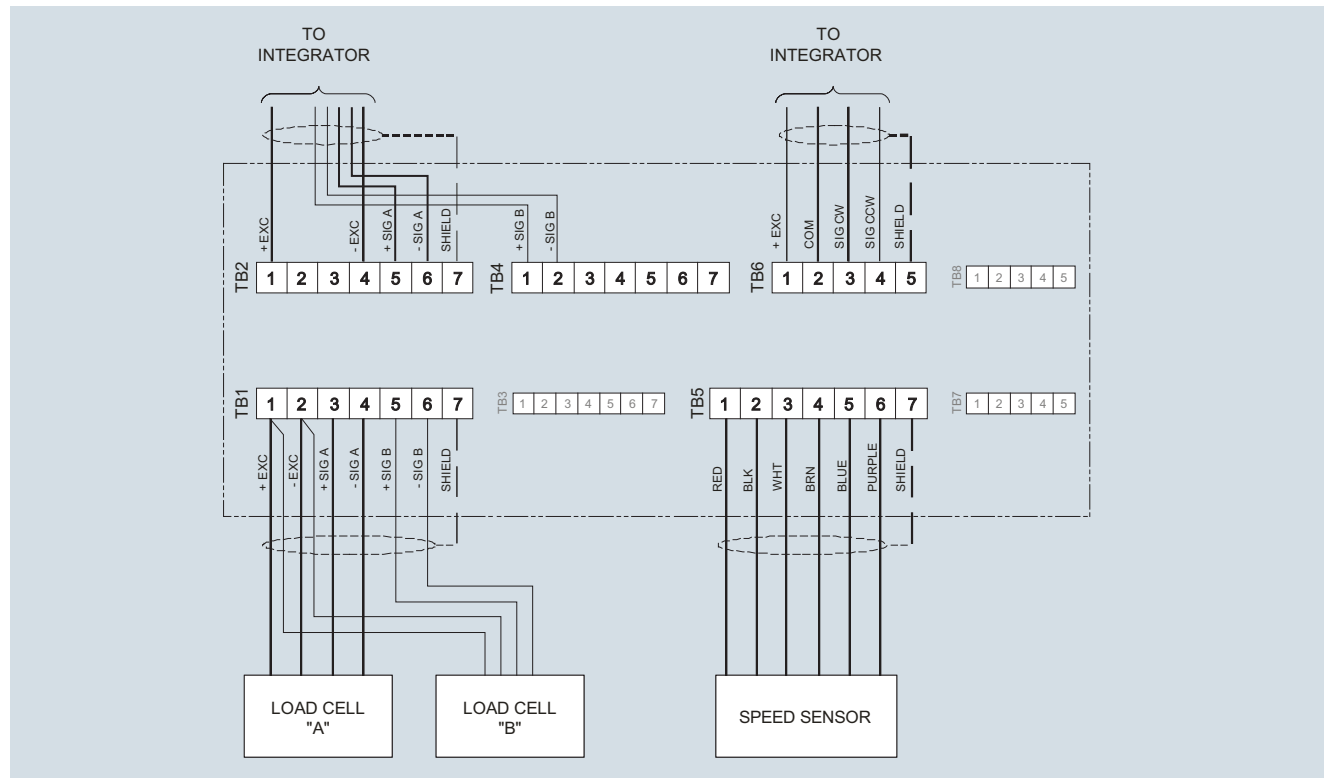
**Dimensional drawings**
**Open Construction**

**Enclosed Construction**


Belt width	B	D
457 (18)	768 (30.25)	718 (28.25)
610 (24)	921 (36.25)	870 (34.25)
762 (30)	1 073 (42.25)	1 022 (40.25)
914 (36)	1 226 (48.25)	1 175 (46.25)
1 067 (42)	1 378 (54.25)	1 327 (52.25)
1 219 (48)	1 530 (60.25)	1 480 (58.25)
1 372 (54)	1 683 (66.25)	1 632 (64.25)
1 524 (60)	1 835 (72.25)	1 784 (70.25)
1 676 (66)	1 988 (78.25)	1 937 (76.25)
1 829 (72)	2 140 (84.25)	2 089 (82.25)

SITRANS WW300 dimensions in mm (inch)

**SITRANS Weighfeeders**

SITRANS WW300

**Dimensional drawings and schematics****Schematics**

SITRANS WW300 connections

## Overview



SITRANS WW310 is a medium- to high-capacity weighfeeder used for macro ingredient additives.

## Benefits

- Control flow of material into or out of a process
- Access to electronic and operational components from outside frame and enclosure
- Mass flow design infeed
- Easy to replace endless belt
- Fast installation, easy to clean and maintain

## Application

SITRANS WW310 is designed for industrial applications such as mining, cement, chemical processing, pulp and paper, and other heavy-duty industries.

Field tested and proven in hundreds of applications, it enhances profitability by ensuring accuracy, enhancing blend consistency, reducing downtime, and improving accountability and record keeping. The unique weigh system reduces dead load and applies live load directly to load cells for accurate measurement. The dual load cells are externally mounted for easy access and maintenance.

It is available in a variety of lengths from 1.6 m (63 inch), belt width from 0.5 m (18 inch) to 1.2 m (48 inch), several different inlet configurations and materials of construction. It can be configured to suit various applications.

Supported by Milltronics BW500 or SIWAREX FTC microprocessor-based integrators for easy blending, batching and feed rate control.

## Technical specifications

SITRANS WW310	
<b>Mode of Operation</b>	
Measuring principle	Strain gauge load cells and digital speed sensor
Typical application	Industrial and process applications in feeding, blending or rationing in gypsum manufacturing
<b>Measuring accuracy</b>	
Accuracy <sup>1)</sup>	± 0.5 % or better
Turn down	10 ... 100 % based on speed
Design rate range	4.5 ... 270 t/h (5 ... 300 STPH)
<b>Medium conditions</b>	
Operating temperature	-10 ... +40 °C (14 ... 104 °F)
<b>Design</b>	
Material	Mild steel with abrasion resistant or stainless steel [304 (1.4301)] contact parts optional
Load Cells	Two corrosion-resistant platform type with mechanical overload protection [nickel plated or 17-4 PH (1.4568) stainless steel construction with 304 (1.4301) stainless steel cover]
Non-linearity	± 0.03 %
Non-repeatability	± 0.02 %
Speed sensor	Industrial duty, digital optical encoder, tail shaft mounted
Framework	<ul style="list-style-type: none"> <li>• Painted structural steel</li> <li>• Cantilevered mild steel structural frame for quick and easy belt replacement</li> </ul>
<b>Pulleys</b>	Crowned with rubber lagging on drive pulley for maximum traction
<b>Idlers</b>	Heavy-duty 100 mm (4 inch) CEMA C with precision ground ball bearings and triple labyrinth seals for longer life
<b>Belt speed</b>	0.005 ... 0.36 m/s (1 ... 70 fpm)
<b>Belting</b>	<ul style="list-style-type: none"> <li>• Heavy duty endless design for maximum weighing accuracy. SBR, Butyl or Nitrile material options</li> <li>• Flat, B-section flanges or corrugated sidewall options</li> </ul>
<b>Belt tension</b>	Screw type, telescoper module
<b>Belt cleaning</b>	<ul style="list-style-type: none"> <li>• Spring tensioned UHMW blade at head pulley</li> <li>• Return UHMW plow at tail pulley</li> </ul>
<b>Drive motor</b>	Totally enclosed AC, three phase inverter duty rated motor with shaft mounted gear reducer
<b>Shipping weight</b>	410 kg (900 lb) minimum
<b>Approvals</b>	<ul style="list-style-type: none"> <li>• CE on all electrical components</li> <li>• Hazardous approvals per configuration options</li> </ul> <p>Note: Weighfeeder as a whole is not approved for hazardous locations, only electrical components.</p>

<sup>1)</sup> Accuracy subject to: On factory approved installations, the weighfeeder system's totalized weight will be within the specified accuracy when compared to a known weighed material test sample.  
The test rate must be within the specified range of the design capacity and held constant for the duration of the test.  
The minimum material test sample must be equivalent to a sample obtained at the test flow rate for three revolutions of the belt or at least ten minutes running time, whichever is greater.

**SITRANS Weighfeeders****SITRANS WW310****8 inch pulley, open style****Selection and ordering data**

Article No.

Article No.

**SITRANS WW310, 8 inch pulley, open style**

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

Add order code Y71 ... Y75 for all models to specify design data.  
Add 1 of order code series G30 ... 34 to gear reducer

**Construction****Painted mild steel, open style, with C/L Infeed to C/L Discharge**18 inch (457 mm) belt width

63 inch (1 600 mm) (2 legs)  
75 inch (1 905 mm) (2 legs)  
87 inch (2 210 mm) (2 legs)  
99 inch (2 515 mm) (3 legs)  
111 inch (2 819 mm) (3 legs)  
123 inch (3 124 mm) (3 legs)  
135 inch (3 429 mm) (4 legs)  
147 inch (3 734 mm) (4 legs)  
159 inch (4 039 mm) (4 legs)  
171 inch (4 343 mm) (5 legs)  
183 inch (4 648 mm) (5 legs)  
195 inch (4 953 mm) (5 legs)

24 inch (610 mm) belt width

63 inch (1 600 mm) (2 legs)  
75 inch (1 905 mm) (2 legs)  
87 inch (2 210 mm) (2 legs)  
99 inch (2 515 mm) (3 legs)  
111 inch (2 819 mm) (3 legs)  
123 inch (3 124 mm) (3 legs)  
135 inch (3 429 mm) (4 legs)  
147 inch (3 734 mm) (4 legs)  
159 inch (4 039 mm) (4 legs)  
171 inch (4 343 mm) (5 legs)  
183 inch (4 648 mm) (5 legs)  
195 inch (4 953 mm) (5 legs)

30 inch (762 mm) belt width

63 inch (1 600 mm) (2 legs)  
75 inch (1 905 mm) (2 legs)  
87 inch (2 210 mm) (2 legs)  
99 inch (2 515 mm) (3 legs)  
111 inch (2 819 mm) (3 legs)  
123 inch (3 124 mm) (3 legs)  
135 inch (3 429 mm) (4 legs)  
147 inch (3 734 mm) (4 legs)  
159 inch (4 039 mm) (4 legs)  
171 inch (4 343 mm) (5 legs)  
183 inch (4 648 mm) (5 legs)  
195 inch (4 953 mm) (5 legs)

**7MH7550-**

0 A  
0 B  
0 C  
0 D  
0 E  
0 F  
0 G  
0 H  
0 J  
0 K  
0 L  
0 M

1 A  
1 B  
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1 L  
1 M

2 A  
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2 C  
2 D  
2 E  
2 F  
2 G  
2 H  
2 J  
2 K  
2 L  
2 M

**SITRANS WW310, 8 inch pulley, open style**

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

36 inch (914 mm) belt width

63 inch (1 600 mm) (2 legs)  
75 inch (1 905 mm) (2 legs)  
87 inch (2 210 mm) (2 legs)  
99 inch (2 515 mm) (3 legs)  
111 inch (2 819 mm) (3 legs)  
123 inch (3 124 mm) (3 legs)  
135 inch (3 429 mm) (4 legs)  
147 inch (3 734 mm) (4 legs)  
159 inch (4 039 mm) (4 legs)  
171 inch (4 343 mm) (5 legs)  
183 inch (4 648 mm) (5 legs)  
195 inch (4 953 mm) (5 legs)

42 inch (1 067 mm) belt width

63 inch (1 600 mm) (2 legs)  
75 inch (1 905 mm) (2 legs)  
87 inch (2 210 mm) (2 legs)  
99 inch (2 515 mm) (3 legs)  
111 inch (2 819 mm) (3 legs)  
123 inch (3 124 mm) (3 legs)  
135 inch (3 429 mm) (4 legs)  
147 inch (3 734 mm) (4 legs)  
159 inch (4 039 mm) (4 legs)  
171 inch (4 343 mm) (5 legs)  
183 inch (4 648 mm) (5 legs)  
195 inch (4 953 mm) (5 legs)

**Load cells**Nickel plated steel

10 kg (22 lb)  
15 kg (33 lb)  
20 kg (44 lb)  
30 kg (66 lb)  
50 kg (110 lb)  
75 kg (165 lb)  
100 kg (220 lb)

Stainless steel, hermetically sealed

6 kg (13.2 lb)  
12 kg (26.5 lb)  
30 kg (66.1 lb)

**7MH7550-**

3 A  
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3 C  
3 D  
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3 F  
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3 H  
3 J  
3 K  
3 L  
3 M

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A  
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K

# SITRANS Weighfeeders

## SITRANS WW310

8 inch pulley, open style

**Selection and ordering data**

Article No.

Article No.

**SITRANS WW310, 8 inch pulley, open style**

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

**Material containment construction**

None

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch"

Shear gate inlet

Mild steel (no skirtboards)

AR400 steel (no skirtboards)

304 stainless steel (no skirtboards)

Skirtboards mild steel

Skirtboards AR400 steel

Skirtboards 304 stainless steel

**Speed sensor**Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

32 PPR WS300, CSA/FM/ATEX/IEC Ex

256 PPR WS300, CSA/FM/ATEX/IEC Ex

1 000 PPR shaft mounted WS300,  
CSA/FM/ATEX/IEC Ex

2 000 PPR WS300

Motor mounted

60 PPR magnetic p/u

**Drive Configuration**

Add order code Y75 reduction ratio in plain text:  
"X:1".

Standard AC motor

0.25 HP (0.19 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 KW) 575 V 3 ph 60 Hz

0.5 HP (0.37 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 KW) 575 V 3 ph 60 Hz

0.75 HP (0.56 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 KW) 575 V 3 ph 60 Hz

1 HP (0.75 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 KW) 575 V 3 ph 60 Hz

1.5 HP (1.12 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 KW) 575 V 3 ph 60 Hz

3 HP (2.24 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 KW) 575 V 3 ph 60 Hz

5 HP (3.73 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 KW) 575 V 3 ph 60 Hz

7MH7550-

- - - - -

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5

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7

0 A

0 B

0 C

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0 E

0 F

0 G

0 H

0 J

0 K

0 L

0 M

0 N

0 P

**SITRANS WW310, 8 inch pulley, open style**

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

Class I, Div. 1, Groups C and D, Class II, Div. 1,  
Groups F and G, AC motor

0.25 HP (0.19 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 KW) 575 V 3 ph 60 Hz

0.5 HP (0.37 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 KW) 575 V 3 ph 60 Hz

0.75 HP (0.56 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 KW) 575 V 3 ph 60 Hz

1 HP (0.75 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 KW) 575 V 3 ph 60 Hz

1.5 HP (1.12 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 KW) 575 V 3 ph 60 Hz

3 HP (2.24 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 KW) 575 V 3 ph 60 Hz

5 HP (3.73 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 KW) 575 V 3 ph 60 Hz

ATEX II 2D, AC motor

0.25 HP (0.19 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 KW)

220 ... 240/380 ... 480 V 3 ph 50/60 Hz

**Belting**SBR, 150 PIW

2 ply

2 ply with B-section flange walls

2 ply with 1 inch (25 mm) flange walls

2 ply with 2 inch (50 mm) corrugated side walls

Butyl, 90 PIW

3 ply HT 150 °C (300 °F)

3 ply with B-section flange walls HT 150 °C (300 °F)

3 ply with 1 inch (25 mm) flange walls HT 150 °C  
(300 °F)

3 ply with 2 inch (50 mm) corrugated side walls  
HT 150 °C (300 °F)

1 A

1 B

1 C

1 D

1 E

1 F

1 G

1 H

1 J

1 K

1 L

1 M

1 N

1 P

2 A

2 B

2 C

2 D

2 E

2 F

2 G

A

B

C

D

E

F

G

H

# SITRANS Weighfeeders

## SITRANS WW310

### 8 inch pulley, open style

#### Selection and ordering data

Article No.

Order Code

#### SITRANS WW310, 8 inch pulley, open style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### Nitrile, 135 PIW

3 ply

3 ply with B-section flange walls

3 ply with 1 inch (25 mm) flange walls

3 ply with 2 inch (50 mm) corrugated side walls

#### Belt change access Side (From inlet to discharge)

Left hand

Right hand

#### Further designs

Please add **"-Z"** to article no. and specify order code(s).

Shear gate arc radius

Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)

#### Application data

Enter design units (TPH, MTPH, lb/h, kg/h)

Enter design speed (ft/m, m/s)

Enter design capacity/rate

#### AC gearmotor reduction ratio

AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1)

#### Custom length

Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)

#### Gear reducer (select only one)

KAZ48

KAZ68

#### Infeed idler style (if CEMA C is not acceptable) only one option per configuration

CEMA D style

CEMA E style

#### Carrying idler style (if CEMA C is not acceptable) only one option per configuration

CEMA D style

CEMA E style

7MH7550-

Order Code

**Y74**  
(xxx.xx inch)

Y71

Y72

Y73

Y75 (X:1)

Y01

G30

G31

G60

G61

G65

G66

#### Hazardous location approved tracking switches

Class I, Div. 1, groups C and D, Class II, Div. 1, groups F and G

ATEX II 2D

#### Safety pull cord switches

1 pull cord on each side of weighfeeder for emergency shut down activation/alarm

#### Skirtboard seals for floodable materials

SBR adjustable skirtboard seals to contain material

Shear curtain for dusty applications and floodable materials

#### Secondary speed detection for differential monitoring

60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only)

#### Plugged discharge chute detection

CLS100 Capacitance switch

#### Local push button station

Siemens Start, stop, auto/manual, speed control, E-stop hand held operator

#### Factory test

2.2 test Certificate

#### Tagging

Stainless steel, laser engraved mounted nameplate, enter data to appear on nameplate

#### Discharge dust hood

Painted mild steel with de-dust port

Custom design

Specify quote reference when ordering

#### Operating instructions

- English

Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

**E90****E91****G70****G72****G11****G16****G12****G13****C11****Y15****H50****Y99**



Article No.

**A5E33490433**

# SITRANS Weighfeeders

## SITRANS WW310

### 8 Inch pulley, enclosed style

Selection and ordering data	Article No.	Article No.
<b>SITRANS WW310, 8 inch pulley, enclosed style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings. Add order code Y71 ... Y75 for all models to specify design data Add 1 of order code series G30 ... 34 to gear reducer <b>Construction</b> <b>Painted mild steel enclosed style with C/L Infeed to C/L Discharge</b> <u>18 inch (457 mm) belt width</u> 63 inch (1 600 mm) (2 legs) 75 inch (1 905 mm) (2 legs) 87 inch (2 210 mm) (2 legs) 99 inch (2 515 mm) (3 legs) 111 inch (2 819 mm) (3 legs) 123 inch (3 124 mm) (3 legs) 135 inch (3 429 mm) (4 legs) 147 inch (3 734 mm) (4 legs) 159 inch (4 039 mm) (4 legs) 171 inch (4 343 mm) (5 legs) 183 inch (4 648 mm) (5 legs) 195 inch (4 953 mm) (5 legs) <u>24 inch (610 mm) belt width</u> 63 inch (1 600 mm) (2 legs) 75 inch (1 905 mm) (2 legs) 87 inch (2 210 mm) (2 legs) 99 inch (2 515 mm) (3 legs) 111 inch (2 819 mm) (3 legs) 123 inch (3 124 mm) (3 legs) 135 inch (3 429 mm) (4 legs) 147 inch (3 734 mm) (4 legs) 159 inch (4 039 mm) (4 legs) 171 inch (4 343 mm) (5 legs) 183 inch (4 648 mm) (5 legs) 195 inch (4 953 mm) (5 legs) <u>30 inch (762 mm) belt width</u> 63 inch (1 600 mm) (2 legs) 75 inch (1 905 mm) (2 legs) 87 inch (2 210 mm) (2 legs) 99 inch (2 515 mm) (3 legs) 111 inch (2 819 mm) (3 legs) 123 inch (3 124 mm) (3 legs) 135 inch (3 429 mm) (4 legs) 147 inch (3 734 mm) (4 legs) 159 inch (4 039 mm) (4 legs) 171 inch (4 343 mm) (5 legs) 183 inch (4 648 mm) (5 legs) 195 inch (4 953 mm) (5 legs)	<b>7MH7551-</b>  <b>0 A</b> <b>0 B</b> <b>0 C</b> <b>0 D</b> <b>0 E</b> <b>0 F</b> <b>0 G</b> <b>0 H</b> <b>0 J</b> <b>0 K</b> <b>0 L</b> <b>0 M</b> <b>1 A</b> <b>1 B</b> <b>1 C</b> <b>1 D</b> <b>1 E</b> <b>1 F</b> <b>1 G</b> <b>1 H</b> <b>1 J</b> <b>1 K</b> <b>1 L</b> <b>1 M</b> <b>2 A</b> <b>2 B</b> <b>2 C</b> <b>2 D</b> <b>2 E</b> <b>2 F</b> <b>2 G</b> <b>2 H</b> <b>2 J</b> <b>2 K</b> <b>2 L</b> <b>2 M</b>	<b>SITRANS WW310, 8 inch pulley, enclosed style</b> High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings. <u>36 inch (914 mm) belt width</u> 63 inch (1 600 mm) (2 legs) 75 inch (1 905 mm) (2 legs) 87 inch (2 210 mm) (2 legs) 99 inch (2 515 mm) (3 legs) 111 inch (2 819 mm) (3 legs) 123 inch (3 124 mm) (3 legs) 135 inch (3 429 mm) (4 legs) 147 inch (3 734 mm) (4 legs) 159 inch (4 039 mm) (4 legs) 171 inch (4 343 mm) (5 legs) 183 inch (4 648 mm) (5 legs) 195 inch (4 953 mm) (5 legs) <u>42 inch (1067 mm) belt width</u> 63 inch (1 600 mm) (2 legs) 75 inch (1 905 mm) (2 legs) 87 inch (2 210 mm) (2 legs) 99 inch (2 515 mm) (3 legs) 111 inch (2 819 mm) (3 legs) 123 inch (3 124 mm) (3 legs) 135 inch (3 429 mm) (4 legs) 147 inch (3 734 mm) (4 legs) 159 inch (4 039 mm) (4 legs) 171 inch (4 343 mm) (5 legs) 183 inch (4 648 mm) (5 legs) 195 inch (4 953 mm) (5 legs) <b>Load cells</b> <u>Nickel plated steel</u> 10 kg (22 lb) 15 kg (33 lb) 20 kg (44 lb) 30 kg (66 lb) 50 kg (110 lb) 75 kg (165 lb) 100 kg (220 lb) <u>Stainless steel, hermetically sealed</u> 6 kg (13.2 lb) 12 kg (26.5 lb) 30 kg (66.1 lb)
		<b>7MH7551-</b>  <b>3 A</b> <b>3 B</b> <b>3 C</b> <b>3 D</b> <b>3 E</b> <b>3 F</b> <b>3 G</b> <b>3 H</b> <b>3 J</b> <b>3 K</b> <b>3 L</b> <b>3 M</b> <b>4 A</b> <b>4 B</b> <b>4 C</b> <b>4 D</b> <b>4 E</b> <b>4 F</b> <b>4 G</b> <b>4 H</b> <b>4 J</b> <b>4 K</b> <b>4 L</b> <b>4 M</b> <b>A</b> <b>B</b> <b>C</b> <b>D</b> <b>E</b> <b>F</b> <b>G</b> <b>H</b> <b>J</b> <b>K</b>

**8 Inch pulley, enclosed style**

5/88



# SITRANS Weighfeeders

## SITRANS WW310

8 Inch pulley, enclosed style

Selection and ordering data		Order Code	Order Code
<b>Further designs</b>			
Please add "-Z" to article no. and specify order code(s).			
<u>Shear gate arc radius</u>			
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)	<b>Y74 (xxx.xx inch)</b>	<u>Secondary speed detection for differential monitoring</u> 60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only)	<b>G16</b>
<u>Application data</u>		<u>Plugged discharge chute detection</u> CLS100 Capacitance switch	<b>G12</b>
Enter design units (TPH, MTPH, lb/h, kg/h)	<b>Y71</b>	<u>Local push button station</u> Siemens Start, stop, auto/manual, speed control, E-stop hand held operator	<b>G13</b>
Enter design speed (ft/m, m/s)	<b>Y72</b>	<u>Factory test</u> 2.2 test Certificate	<b>C11</b>
Enter design capacity/rate	<b>Y73</b>	<u>Tagging</u> Stainless steel, laser engraved mounted name plate, enter data to appear on nameplate	<b>Y15</b>
<u>AC gearmotor reduction ratio</u>		Custom design Specify quote reference when ordering	<b>Y99</b>
AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1)	<b>Y75 (X:1)</b>	<b>Operating instructions</b> • English Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.	Article No. <b>A5E33490433</b>
<u>Custom length</u>			
Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	<b>Y01</b>		
<u>Gear reducer (select only one)</u>			
KAZ48	<b>G30</b>		
KAZ68	<b>G31</b>		
<u>Bottom covers</u>			
18 inch Belt width	<b>G40</b>		
24 inch Belt width	<b>G41</b>		
30 inch Belt width	<b>G42</b>		
36 inch Belt width	<b>G43</b>		
42 inch Belt width	<b>G44</b>		
<u>Infeed idler style (if CEMA C is not acceptable) only one option per configuration</u>			
CEMA D style	<b>G60</b>		
CEMA E style	<b>G61</b>		
<u>Carrying idler style (if CEMA C is not acceptable) only one option per configuration</u>			
CEMA D style	<b>G65</b>		
CEMA E style	<b>G66</b>		
<u>Hazardous location approved tracking switches</u>			
Class I, Div. 1, groups C and D, Class II, Div. 1, groups F and G	<b>E90</b>		
ATEX II 2D	<b>E91</b>		
<u>Safety pull cord switches</u>			
1 pull cord on each side of weighfeeder for emergency shut down activation/alarm	<b>G70</b>		
<u>Skirtboard seals for floodable materials</u>			
SBR adjustable skirtboard seals to contain material	<b>G72</b>		
Shear curtain for dusty applications and floodable materials	<b>G11</b>		

# SITRANS Weighfeeders

## SITRANS WW310

### 12 inch pulley, open style

#### Selection and ordering data

##### SITRANS WW310, 12 inch pulley, open style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

Add order code Y71 ... Y75 for all models to specify design data.  
Add 1 of order code series G30 ... 34 to gear reducer

#### Construction

##### Painted mild steel, open style, with C/L infeed to C/L discharge

###### 18 inch (457 mm) belt width

84 inch (2 134 mm) (2 legs)  
99 inch (2 515 mm) (2 legs)  
114 inch (2 896 mm) (2 legs)  
129 inch (3 277 mm) (3 legs)  
144 inch (3 658 mm) (3 legs)  
159 inch (4 039 mm) (3 legs)  
174 inch (4 420 mm) (4 legs)  
189 inch (4 801 mm) (4 legs)  
204 inch (5 182 mm) (4 legs)  
219 inch (5 563 mm) (5 legs)  
234 inch (5 944 mm) (5 legs)  
249 inch (6 325 mm) (5 legs)

###### 24 inch (610 mm) belt width

84 inch (2 134 mm) (2 legs)  
99 inch (2 515 mm) (2 legs)  
114 inch (2 896 mm) (2 legs)  
129 inch (3 277 mm) (3 legs)  
144 inch (3 658 mm) (3 legs)  
159 inch (4 039 mm) (3 legs)  
174 inch (4 420 mm) (4 legs)  
189 inch (4 801 mm) (4 legs)  
204 inch (5 182 mm) (4 legs)  
219 inch (5 563 mm) (5 legs)  
234 inch (5 944 mm) (5 legs)  
249 inch (6 325 mm) (5 legs)

###### 30 inch (762 mm) belt width

84 inch (2 134 mm) (2 legs)  
99 inch (2 515 mm) (2 legs)  
114 inch (2 896 mm) (2 legs)  
129 inch (3 277 mm) (3 legs)  
144 inch (3 658 mm) (3 legs)  
159 inch (4 039 mm) (3 legs)  
174 inch (4 420 mm) (4 legs)  
189 inch (4 801 mm) (4 legs)  
204 inch (5 182 mm) (4 legs)  
219 inch (5 563 mm) (5 legs)  
234 inch (5 944 mm) (5 legs)  
249 inch (6 325 mm) (5 legs)

#### Article No.

##### 7MH7552-



0 A

0 B

0 C

0 D

0 E

0 F

0 G

0 H

0 J

0 K

0 L

0 M

1 A

1 B

1 C

1 D

1 E

1 F

1 G

1 H

1 J

1 K

1 L

1 M

2 A

2 B

2 C

2 D

2 E

2 F

2 G

2 H

2 J

2 K

2 L

2 M

##### SITRANS WW310, 12 inch pulley, open style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

###### 36 inch (914 mm) belt width

84 inch (2 134 mm) (2 legs)  
99 inch (2 515 mm) (2 legs)  
114 inch (2 896 mm) (2 legs)  
129 inch (3 277 mm) (3 legs)  
144 inch (3 658 mm) (3 legs)  
159 inch (4 039 mm) (3 legs)  
174 inch (4 420 mm) (4 legs)  
189 inch (4 801 mm) (4 legs)  
204 inch (5 182 mm) (4 legs)  
219 inch (5 563 mm) (5 legs)  
234 inch (5 944 mm) (5 legs)  
249 inch (6 325 mm) (5 legs)

###### 42 inch (1 067 mm) belt width

84 inch (2 134 mm) (2 legs)  
99 inch (2 515 mm) (2 legs)  
114 inch (2 896 mm) (2 legs)  
129 inch (3 277 mm) (3 legs)  
144 inch (3 658 mm) (3 legs)  
159 inch (4 039 mm) (3 legs)  
174 inch (4 420 mm) (4 legs)  
189 inch (4 801 mm) (4 legs)  
204 inch (5 182 mm) (4 legs)  
219 inch (5 563 mm) (5 legs)  
234 inch (5 944 mm) (5 legs)  
249 inch (6 325 mm) (5 legs)

###### 48 inch (1 219 mm) belt width

84 inch (2 134 mm) (2 legs)  
99 inch (2 515 mm) (2 legs)  
114 inch (2 896 mm) (2 legs)  
129 inch (3 277 mm) (3 legs)  
144 inch (3 658 mm) (3 legs)  
159 inch (4 039 mm) (3 legs)  
174 inch (4 420 mm) (4 legs)  
189 inch (4 801 mm) (4 legs)  
204 inch (5 182 mm) (4 legs)  
219 inch (5 563 mm) (5 legs)  
234 inch (5 944 mm) (5 legs)  
249 inch (6 325 mm) (5 legs)

#### Article No.

##### 7MH7552-



3 A

3 B

3 C

3 D

3 E

3 F

3 G

3 H

3 J

3 K

3 L

3 M

4 A

4 B

4 C

4 D

4 E

4 F

4 G

4 H

4 J

4 K

4 L

4 M

5 A

5 B

5 C

5 D

5 E

5 F

5 G

5 H

5 J

5 K

5 L

5 M

# SITRANS Weighfeeders

## SITRANS WW310

12 inch pulley, open style

### Selection and ordering data

Article No.

Article No.

#### SITRANS WW310, 12 inch pulley, open style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

#### Load cells

23 kg (50 lb) stainless steel, MSI, Class II, Div. 1 Groups E, F, and G, Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

45 kg (100 lb) stainless steel, MSI, Class II, Div. 1 Groups E, F, and G, Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

113 kg (250 lb) stainless steel, MSI, Class II, Div. 1 Groups E, F, and G, Class III/ Atex II 2D Ex tD A21 IP65 T70 °C

#### Material containment construction

None

Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch"

#### Shear gate inlet

Mild steel (no skirtboards)

AR400 steel (no skirtboards)

304 stainless steel (no skirtboards)

Skirtboards mild steel

Skirtboards AR400 steel

Skirtboards 304 stainless steel

#### Speed sensor

##### Shaft mounted

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

32 PPR WS300, CSA/FM/ATEX/IEC Ex

256 PPR WS300, CSA/FM/ATEX/IEC Ex

1 000 PPR WS300, CSA/FM/ATEX/IEC Ex

2 000 PPR WS300

##### Motor mounted

60 PPR magnetic p/u

#### Drive Configuration

Add order code Y75 reduction ratio in plain text: "X:1".

##### Standard AC motor

0.25 HP (0.19 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 KW) 575 V 3 ph 60 Hz

0.5 HP (0.37 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 KW) 575 V 3 ph 60 Hz

0.75 HP (0.56 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 KW) 575 V 3 ph 60 Hz

1 HP (0.75 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 KW) 575 V 3 ph 60 Hz

1.5 HP (1.12 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 KW) 575 V 3 ph 60 Hz

7MH7552-

A	
B	
C	
0	
1	
2	
3	
4	
5	
6	
0	
1	
2	
3	
4	
5	
6	
7	
0 A	
0 B	
0 C	
0 D	
0 E	
0 F	
0 G	
0 H	
0 J	
0 K	

#### SITRANS WW310, 12 inch pulley, open style

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

3 HP (2.24 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 KW) 575 V 3 ph 60 Hz

5 HP (3.73 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 KW) 575 V 3 ph 60 Hz

Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G, AC motor

0.25 HP (0.19 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.25 HP (0.19 KW) 575 V 3 ph 60 Hz

0.5 HP (0.37 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 KW) 575 V 3 ph 60 Hz

0.75 HP (0.56 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 KW) 575 V 3 ph 60 Hz

1 HP (0.75 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 KW) 575 V 3 ph 60 Hz

1.5 HP (1.12 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 KW) 575 V 3 ph 60 Hz

3 HP (2.24 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 KW) 575 V 3 ph 60 Hz

5 HP (3.73 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 KW) 575 V 3 ph 60 Hz

##### ATEX II 2D, AC motor

0.25 HP (0.19 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.5 HP (0.37 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

0.75 HP (0.56 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1 HP (0.75 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

1.5 HP (1.12 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

3 HP (2.24 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

5 HP (3.73 KW)  
220 ... 240/380 ... 480 V 3 ph 50/60 Hz

7MH7552-

0 L	
0 M	
0 N	
0 P	
1 A	
1 B	
1 C	
1 D	
1 E	
1 F	
1 G	
1 H	
1 J	
1 K	
1 L	
1 M	
1 N	
1 P	
2 A	
2 B	
2 C	
2 D	
2 E	
2 F	
2 G	

**SITRANS Weighfeeders****SITRANS WW310****12 inch pulley, open style****Selection and ordering data**

Article No.

Order Code

**SITRANS WW310, 12 inch pulley, open style****7MH7552-**

High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.

**Belting**SBR, 150 PIW

2 ply

2 ply with B-section flange walls

2 ply with 1 inch (25 mm) flange walls

2 ply with 2 inch (50 mm) corrugated side walls

Butyl, 90 PIW

3 ply HT 150 °C (300 °F)

3 ply with B-section flange walls HT 150 °C (300 °F)

3 ply with 1 inch (25 mm) flange walls HT 150 °C (300 °F)

3 ply with 2 inch (50 mm) corrugated side walls HT 150 °C (300 °F)

Nitrile 135 PIW

3 ply

3 ply with B-section flange walls

3 ply with 1 inch (25 mm) flange walls

3 ply with 2 inch (50 mm) corrugated side walls

SBR, 220 PIW

2 ply

2 ply with B-section flange walls

2 ply with 1 inch (25 mm) flange walls

2 ply with 2 inch (50 mm) corrugated side walls

Butyl, 220 PIW

2 ply HT 200 °C (400 °F)

2 ply with B-section flange walls HT 200 °C (400 °F)

2 ply with 1 inch (25 mm) flange walls HT 200 °C (400 °F)

2 ply with 2 inch (50 mm) corrugated side walls HT 200 °C (400 °F)

**Belt change access Side (from inlet to discharge)**

Left hand

Right hand

**Further designs**

Please add **"-Z"** to article no. and specify order code(s).

Shear gate arc radius

Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)

Application data

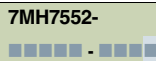
Enter design units (TPH, MTPH, lb/h, kg/h)

Enter design speed (ft/m, m/s)

Enter design capacity/rate

AC gearmotor reduction ratio

AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1)

**A****B****C****D****E****F****G****H****J****K****L****M****N****P****Q****R****S****T****U****V****0****1**Custom length

Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)

Gear reducer (select only one)

KAZ68

KAZ88

KAZ108

KAZ128

Infeed idler style (if CEMA C is not acceptable) only one option per configuration

CEMA D style

CEMA E style

Carrying idler style (if CEMA C is not acceptable) only one option per configuration

CEMA D style

CEMA E style

Hazardous location approved tracking switches

Class I, Div. 1, groups C and D, Class II, Div. 1, groups F and G

ATEX II 2D

Safety pull cord switches

1 pull cord on each side of weighfeeder for emergency shut down activation/alarm

Skirtboard seals for floodable materials

SBR adjustable skirtboard seals to contain material

Shear curtain for dusty applications and floodable materials

Secondary speed detection for differential monitoring

60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only)

Plugged discharge chute detection

CLS100 Capacitance switch

Local push button station

Siemens Start, stop, auto/manual, speed control, E-stop hand held operator

Factory test

2.2 test Certificate

Tagging

Stainless steel, laser engraved mounted name plate, enter data to appear on nameplate

Discharge dust hood

Painted mild steel with de-dust port

Custom design

Specify quote reference when ordering

**Operating instructions**

• English

Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.

**Y01****G31****G32****G33****G34****G60****G61****G65****G66****E90****E91****G70****G72****G11****G16****G12****G13****C11****Y15****H50****Y99**

Article No.

**A5E33490433**

Selection and ordering data		Article No.	Article No.
<b>SITRANS WW310, 12 inch pulley, enclosed style</b>		<b>7MH7553-</b>	<b>7MH7553-</b>
High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.			
Add order code Y71 ... Y75 for all models to specify design data. Add 1 of order code series G30 ... 34 to gear reducer			
<b>Construction</b>			
<b>Painted mild steel enclosed style with C/L infeed to C/L discharge</b>			
<u>18 inch (457 mm) belt width</u>			
84 inch (2 134 mm) (2 legs)	0 A		
99 inch (2 515 mm) (2 legs)	0 B		
114 inch (2 896 mm) (2 legs)	0 C		
129 inch (3 277 mm) (3 legs)	0 D		
144 inch (3 658 mm) (3 legs)	0 E		
159 inch (4 039 mm) (3 legs)	0 F		
174 inch (4 420 mm) (4 legs)	0 G		
189 inch (4 801 mm) (4 legs)	0 H		
204 inch (5 182 mm) (4 legs)	0 J		
219 inch (5 563 mm) (5 legs)	0 K		
234 inch (5 944 mm) (5 legs)	0 L		
249 inch (6 325 mm) (5 legs)	0 M		
<u>24 inch (610 mm) belt width</u>			
84 inch (2 134 mm) (2 legs)	1 A		
99 inch (2 515 mm) (2 legs)	1 B		
114 inch (2 896 mm) (2 legs)	1 C		
129 inch (3 277 mm) (3 legs)	1 D		
144 inch (3 658 mm) (3 legs)	1 E		
159 inch (4 039 mm) (3 legs)	1 F		
174 inch (4 420 mm) (4 legs)	1 G		
189 inch (4 801 mm) (4 legs)	1 H		
204 inch (5 182 mm) (4 legs)	1 J		
219 inch (5 563 mm) (5 legs)	1 K		
234 inch (5 944 mm) (5 legs)	1 L		
249 inch (6 325 mm) (5 legs)	1 M		
<u>30 inch (762 mm) belt width</u>			
84 inch (2 134 mm) (2 legs)	2 A		
99 inch (2 515 mm) (2 legs)	2 B		
114 inch (2 896 mm) (2 legs)	2 C		
129 inch (3 277 mm) (3 legs)	2 D		
144 inch (3 658 mm) (3 legs)	2 E		
159 inch (4 039 mm) (3 legs)	2 F		
174 inch (4 420 mm) (4 legs)	2 G		
189 inch (4 801 mm) (4 legs)	2 H		
204 inch (5 182 mm) (4 legs)	2 J		
219 inch (5 563 mm) (5 legs)	2 K		
234 inch (5 944 mm) (5 legs)	2 L		
249 inch (6 325 mm) (5 legs)	2 M		
<b>SITRANS WW310, 12 inch pulley, enclosed style</b>		<b>7MH7553-</b>	<b>7MH7553-</b>
High accuracy solids weighfeeder for medium to high capacity applications. Improves processing, increases efficiency and provides significant cost savings.			
<u>36 inch (914 mm) belt width</u>			
84 inch (2 134 mm) (2 legs)		3 A	
75 inch (1 905 mm) (2 legs)		3 B	
87 inch (2 210 mm) (2 legs)		3 C	
99 inch (2 515 mm) (3 legs)		3 D	
111 inch (2 819 mm) (3 legs)		3 E	
123 inch (3 124 mm) (3 legs)		3 F	
135 inch (3 429 mm) (4 legs)		3 G	
147 inch (3 734 mm) (4 legs)		3 H	
159 inch (4 039 mm) (4 legs)		3 J	
171 inch (4 343 mm) (5 legs)		3 K	
183 inch (4 648 mm) (5 legs)		3 L	
195 inch (4 953 mm) (5 legs)		3 M	
<u>42 inch (1067 mm) belt width</u>			
63 inch (1 600 mm) (2 legs)		4 A	
75 inch (1 905 mm) (2 legs)		4 B	
87 inch (2 210 mm) (2 legs)		4 C	
99 inch (2 515 mm) (3 legs)		4 D	
111 inch (2 819 mm) (3 legs)		4 E	
123 inch (3 124 mm) (3 legs)		4 F	
135 inch (3 429 mm) (4 legs)		4 G	
147 inch (3 734 mm) (4 legs)		4 H	
159 inch (4 039 mm) (4 legs)		4 J	
171 inch (4 343 mm) (5 legs)		4 K	
183 inch (4 648 mm) (5 legs)		4 L	
195 inch (4 953 mm) (5 legs)		4 M	
<u>48 inch (1 219 mm) belt width</u>			
84 inch (2 134 mm) (2 legs)		5 A	
99 inch (2 515 mm) (2 legs)		5 B	
114 inch (2 896 mm) (2 legs)		5 C	
129 inch (3 277 mm) (3 legs)		5 D	
144 inch (3 658 mm) (3 legs)		5 E	
159 inch (4 039 mm) (3 legs)		5 F	
174 inch (4 420 mm) (4 legs)		5 G	
189 inch (4 801 mm) (4 legs)		5 H	
204 inch (5 182 mm) (4 legs)		5 J	
219 inch (5 563 mm) (5 legs)		5 K	
234 inch (5 944 mm) (5 legs)		5 L	
249 inch (6 325 mm) (5 legs)		5 M	



# SITRANS Weighfeeders

## SITRANS WW310

12 inch pulley, enclosed style

Selection and ordering data		Order Code	Order Code
<b>Further designs</b>			
Please add <b>"-Z"</b> to article no. and specify order code(s).			
<u>Shear gate arc radius</u>			
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)	<b>Y74 (xxx.xx inch)</b>		
<u>Application data</u>			
Enter design units (TPH, MTPH, lb/h, kg/h)	<b>Y71</b>	<u>Safety pull cord switches</u>	
Enter design speed (ft/m, m/s)	<b>Y72</b>	1 pull cord on each side of weighfeeder for emergency shut down activation/alarm	<b>G70</b>
Enter design capacity/rate	<b>Y73</b>	<u>Skirtboard seals for floodable materials</u>	
<u>AC gearmotor reduction ratio</u>		SBR adjustable skirtboard seals to contain material	<b>G72</b>
AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1)	<b>Y75 (X:1)</b>	Shear curtain for dusty applications and floodable materials	<b>G11</b>
<u>Custom length</u>		<u>Secondary speed detection for differential monitoring</u>	
Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	<b>Y01</b>	60 PPR motor mounted magnetic p/u (available with speed sensor options 0 ... 6 only)	<b>G16</b>
<u>Gear reducer (select only one)</u>		<u>Plugged discharge chute detection</u>	
KAZ68	<b>G31</b>	CLS100 Capacitance switch	<b>G12</b>
KAZ88	<b>G32</b>	<u>Drag chain clean-out conveyor</u>	
KAZ108	<b>G33</b>	18 inch belt width	<b>G80</b>
KAZ128	<b>G34</b>	24 inch belt width	<b>G81</b>
<u>Bottom covers</u>		30 inch belt width	<b>G82</b>
18 inch Belt width	<b>G40</b>	36 inch belt width	<b>G83</b>
24 inch Belt width	<b>G41</b>	42 inch belt width	<b>G84</b>
30 inch Belt width	<b>G42</b>	48 inch belt width	<b>G85</b>
36 inch Belt width	<b>G43</b>	<u>Local push button station</u>	
42 inch Belt width	<b>G44</b>	Siemens Start, stop, auto/manual, speed control, E-stop hand held operator	<b>G13</b>
48 inch Belt width	<b>G50</b>	<u>Factory test</u>	
<u>Infeed idler style (if CEMA C is not acceptable) only one option per configuration</u>		2.2 test Certificate	<b>C11</b>
CEMA D style	<b>G60</b>	<u>Tagging</u>	
CEMA E style	<b>G61</b>	Stainless steel, laser engraved mounted name plate, enter data to appear on nameplate	<b>Y15</b>
<u>Carrying idler style (if CEMA C is not acceptable) only one option per configuration</u>		Custom design	<b>Y99</b>
CEMA D style	<b>G65</b>	Specify quote reference when ordering	
CEMA E style	<b>G66</b>	<u>Operating instructions</u>	Article No.
<u>Hazardous location approved tracking switches</u>		• English	<b>A5E33490433</b>
Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G	<b>E90</b>	Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the complete operating instructions library.	
ATEX II 2D	<b>E91</b>		



# SITRANS Weighfeeders

## SITRANS WW310

### Accessories and spare parts

#### Selection and ordering data

##### Calibration accessories

##### Calibration hanger weights

200 g (0.4 lb)	<b>7MH7724-1AF</b>
500 g (1.1 lb)	<b>7MH7724-1AG</b>
1 000 g (2.2 lb)	<b>7MH7724-1AH</b>
2 000 g (4.4 lb)	<b>7MH7724-1AJ</b>
3 500 g (7.7 lb)	<b>7MH7724-1BQ</b>
5 000 g (11 lb)	<b>7MH7724-1AK</b>
7 500 g (16.5 lb)	<b>7MH7724-1BR</b>
8 500 g (18.7 lb)	<b>7MH7724-1BS</b>
10 000 g (22 lb)	<b>7MH7724-1BT</b>
12 000 g (26.5 lb)	<b>7MH7724-1BU</b>
15 000 g (33.1 lb)	<b>7MH7724-1BV</b>

Note: Calibration accessories should be ordered as a separate item on the order

##### Spare parts

##### Nickel plated steel load cell

10 kg (22 lb)	<b>7MH7725-1EK</b>
15 kg (33.1 lb)	<b>7MH7725-1EL</b>
20 kg (44 lb)	<b>7MH7725-1EM</b>
30 kg (66.2 lb)	<b>7MH7725-1EN</b>
50 kg (110.2 lb)	<b>7MH7725-1EP</b>
75 kg (165 lb)	<b>7MH7725-1CS</b>
100 kg (220 lb)	<b>7MH7725-1CT</b>

##### Stainless steel load cell

6 kg (13.2 lb)	<b>7MH7725-1EG</b>
12 kg (26.5 lb)	<b>7MH7725-1EH</b>
30 kg (66.1 lb)	<b>7MH7725-1EJ</b>
24 kg (50 lb), CSA/FM/ATEX/IEC EX	<b>7MH7725-1DT</b>
45 kg (100 lb), CSA/FM/ATEX/IEC EX	<b>7MH7725-1DU</b>
113 kg (250 lb), CSA/FM/ATEX/IEC EX	<b>7MH7725-1DV</b>

##### Optical encoder

500 PPR	<b>6FX20012PA50</b>
1 000 PPR	<b>6FX20012PB00</b>
2 500 PPR	<b>6FX20012PC50</b>
Optical encoder connector	<b>6FX20030SU12</b>
Siemens encoder connector with 20 ft cable	<b>7MH7723-1KM</b>

##### WS300 speed sensor

32 PPR	<b>7MH7177-1AA100</b>
256 PPR	<b>7MH7177-2AA100</b>
1 000 PPR	<b>7MH7177-3AA100</b>
2 000 PPR	<b>7MH7177-4AD100</b>

Magnetic proximity switch	<b>7MH7723-1GA</b>
Motor mounted sensor flange 56C	<b>7MH7723-1RB</b>
Motor mounted sensor flange 145TC	<b>7MH7723-1RC</b>
Motor mounted sensor flange 182TC 184TC	<b>7MH7723-1RD</b>
Motor mounted sensor flange 213TC 215TC	<b>7MH7723-1RE</b>

#### Article No.

#### Article No.

Belt tracking switch	<b>3SE5112-0CR01</b>
Pull cord switch	<b>3SE7120-2DD01</b>
Pull cord switch cable	<b>3SE7910-3AA</b>
Pull cord switch cable clamp	<b>3SE7941-1AC</b>
Bearing, flange, NTN, UCF2, 1 ... 15/16 inch, 4-bolt	<b>A5E01213250</b>
Bearing, flange, NTN, UCF2, 2 ... 15/16 inch, 4-bolt	<b>A5E03856041</b>
Bearing, PB, UCP, 1 ... 7/16 inch	<b>A5E01213243</b>
Bearing, PB, UCP, 2 ... 7/16 inch	<b>PBD-24191273</b>
Termination box 1, 2, 4 load cell and speed sensor, Mild steel	<b>7MH7723-1ND</b>
Termination box 1, 2, 4 load cell and speed sensor, Stainless steel	<b>7MH7723-1NE</b>
Motor, 0.25 HP (0.19 kW), STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NG</b>
Motor, 0.5 HP (0.37 kW), STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NH</b>
Motor, 0.75 HP (0.56 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NJ</b>
Motor, 1 HP (0.75 kW), STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NK</b>
Motor, 1.5 HP (1.12 kW), STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PF</b>
Motor, 3HP (2.24 kW), STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PG</b>
Motor, 5 HP (3.73 kW), STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PH</b>
Motor, 0.25 HP (0.19 kW), STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NL</b>
Motor, 0.5 HP (0.37 kW), STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NM</b>
Motor, 0.75 HP (0.56 kW), STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NN</b>
Motor, 1 HP (0.75 kW), STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1NP</b>
Motor, 1.5 HP (1.12 kW), STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1PM</b>
Motor, 3 HP (2.24 kW), STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1PN</b>
Motor, 5 HP (3.73 kW), STD, 575 V – 50 Hz 3 ph	<b>7MH7723-1PP</b>
<b>Accessories</b>	
Start stop controller	<b>7MH7723-1JA</b>
E-stop push button, enclosed style	<b>3SB38010DF3</b>



Selection and ordering data	Article No.		Article No.
<b><i>Hazardous rated electrical spare parts</i></b>			
<b><u>WS300 speed sensors</u></b>		Motor, 0.25 HP (0.19 kW), ATEX II 2D 400 V – 50 Hz 3 ph	<b>1LA90734KA94-Z</b>
32 PPR CSA/FM/ATEX/IEC EX	<b>7MH7177-1AA100</b>	Motor, 0.5 HP (0.37 kW), ATEX II 2D 400 V – 50 Hz 3 ph	<b>1LA90834KA94-Z</b>
256 PPR CSA/FM/ATEX/IEC EX	<b>7MH7177-2AA100</b>	Motor, 0.75 HP (0.56 kW), ATEX II 2D 400 V – 50 Hz 3 ph	<b>1LA90904KA94-Z</b>
1 000 PPR CSA/FM/ATEX/IEC EX	<b>7MH7177-3AA100</b>	Motor, 1 HP (0.75 kW), ATEX II 2D 400 V – 50 Hz 3 ph	<b>1LA90964KA94-Z</b>
<b><u>Motors</u></b>		Motor, 1.5 HP (1.12 kW), ATEX II 2D 400 V – 50 Hz 3 ph	<b>1LA91064KA94-Z</b>
Motor, 0.25 HP (0.19 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PB</b>	Motor, 3 HP (2.24 kW), ATEX II 2D 400 V – 50 Hz 3 ph	<b>1LA91134KA94-Z</b>
Motor, 0.5 HP (0.37 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PC</b>	Motor, 5 HP (3.73 kW), ATEX II 2D 400 V – 50 Hz 3 ph	<b>1LA91334KA94-Z</b>
Motor, 0.75 HP (0.56 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PD</b>	Belt tracking switch, ATEX II 2D/Class I Div. 1, groups C&D, Class II Div. 1, groups F&G	<b>7MH7723-1RA</b>
Motor, 1 HP (0.75 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1NV</b>		
Motor, 1.5 HP (1.12 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PT</b>		
Motor, 3 HP (2.24 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PU</b>		
Motor, 5 HP (3.73 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 230/460 V – 60 Hz 3 ph	<b>7MH7723-1PV</b>		
Motor, 0.25 HP (0.19 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 575 V – 50 Hz 3 ph	<b>7MH7723-1QA</b>		
Motor, 0.5 HP (0.37 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 575 V – 50 Hz 3 ph	<b>7MH7723-1QB</b>		
Motor, 0.75 HP (0.56 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 575 V – 50 Hz 3 ph	<b>7MH7723-1QC</b>		
Motor, 1 HP (0.75 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 575 V – 50 Hz 3 ph	<b>7MH7723-1QD</b>		
Motor, 1.5 HP (1.12 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 575 V – 50 Hz 3 ph	<b>7MH7723-1QE</b>		
Motor, 3 HP (2.24 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 575 V – 50 Hz 3 ph	<b>7MH7723-1QF</b>		
Motor, 5 HP (3.73 kW), Class I Div. 1, groups C&D, Class II Div. 1, groups F&G, 575 V – 50 Hz 3 ph	<b>7MH7723-1QG</b>		

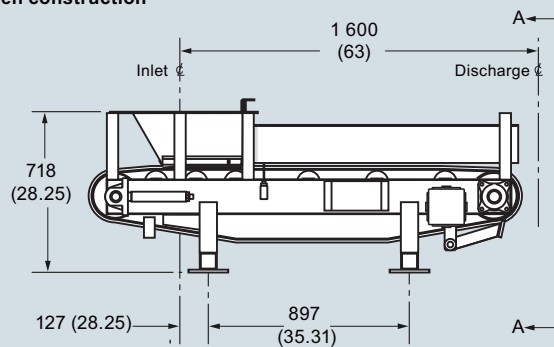
# SITRANS Weighfeeders

SITRANS WW310

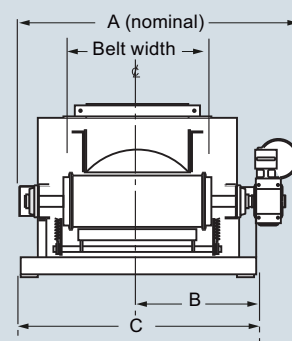
## Dimensional drawings and schematics

### Dimensional drawings

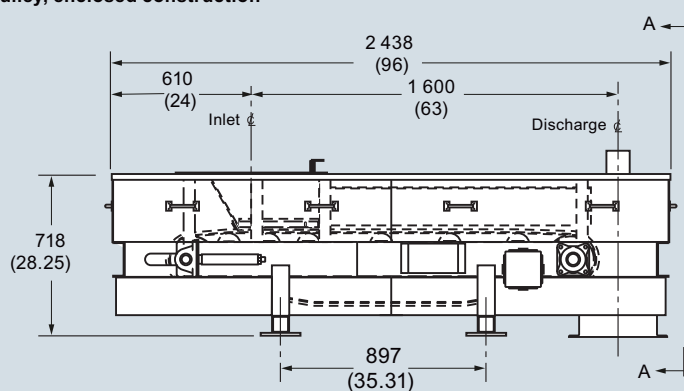
8 inch pulley, open construction



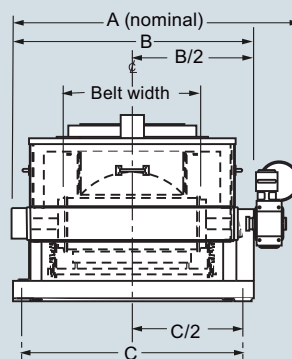
View A-A



8 inch pulley, enclosed construction



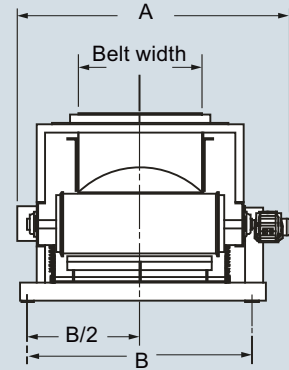
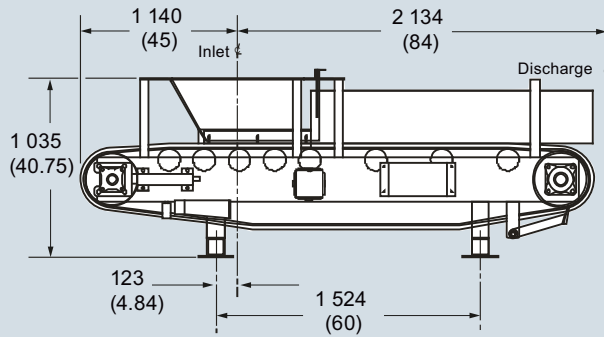
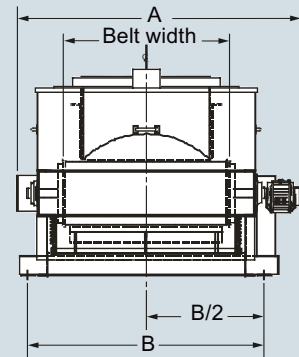
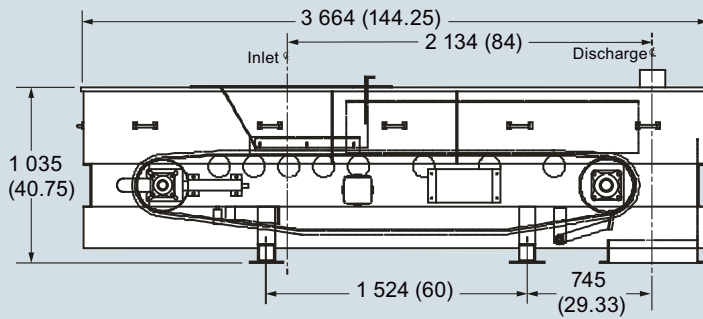
View A-A



Open unit			
Belt width	A	B	C
457 (18)	1 143 (45)	406 (16)	813 (32)
610 (24)	1 295 (51)	482 (19)	965 (38)
762 (30)	1 448 (57)	558 (22)	1 118 (44)
914 (36)	1 600 (63)	635 (25)	1 270 (50)
1 067 (42)	1 753 (69)	711 (28)	1 423 (56)

Enclosed unit			
Belt width	A	B	C
457 (18)	1 143 (45)	914 (36)	813 (32)
610 (24)	1 295 (51)	1 066 (42)	965 (38)
762 (30)	1 448 (57)	1 219 (48)	1 118 (44)
914 (36)	1 600 (63)	1 371 (54)	1 270 (50)
1 067 (42)	1 753 (69)	1 523 (60)	1 423 (56)

SITRANS WW310, dimensions in mm (inch)

**12 inch pulley, open construction****12 inch pulley, enclosed construction**

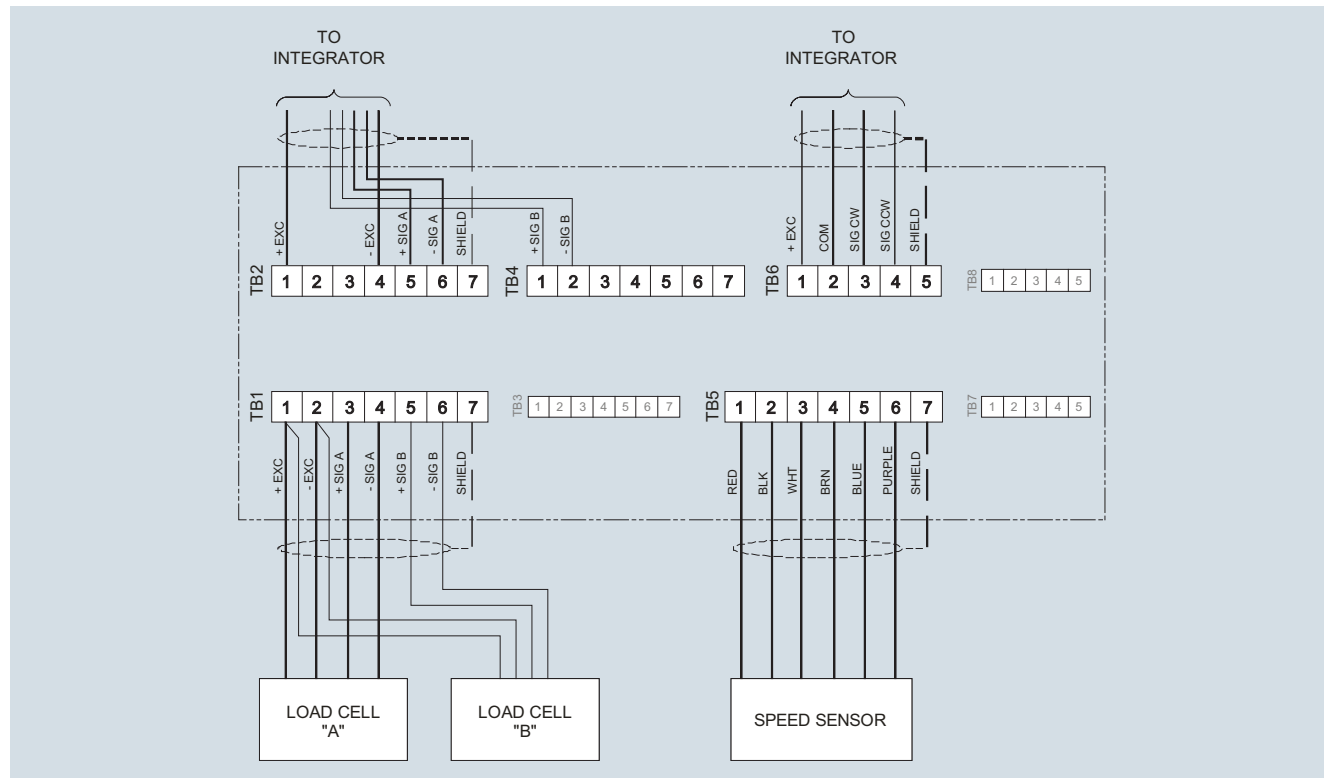
Open unit		
Belt width	A	B
457 (18)	1 092 (43)	838 (33)
610 (24)	1 245 (49)	991 (39)
762 (30)	1 397 (55)	1 143 (45)
914 (36)	1 549 (61)	1 295 (51)
1 067 (42)	1 702 (67)	1 448 (57)
1 219 (48)	1 854 (73)	1 600 (63)

Enclosed unit		
Belt width	A	B
457 (18)	1 092 (43)	838 (33)
610 (24)	1 245 (49)	991 (39)
762 (30)	1 397 (55)	1 143 (45)
914 (36)	1 549 (61)	1 295 (51)
1 067 (42)	1 702 (67)	1 448 (57)
1 219 (48)	1 854 (73)	1 600 (63)

SITRANS WW310, dimensions in mm (inch)

**SITRANS Weighfeeders**

SITRANS WW310

**Dimensional drawings and schematics****Schematics**



SITRANS WW310, connections

## SITRANS Weighfeeders



### SITRANS weighfeeder peripherals

#### Selection and ordering data

##### Milltronics Weighfeeder 400, 600, and 800 SITRANS WW200, WW300<sup>1)</sup> spare load cells

	Article No.	
<b>Nickel plated</b>		
10 kg (22 lb)	7MH7725-1EK	
15 kg (33.1 lb)	7MH7725-1EL	
20 kg (44 lb)	7MH7725-1EM	
30 kg (66.2 lb)	7MH7725-1EN	
<b>Stainless steel</b>		
6 kg (13.2 lb)	7MH7725-1EG	
12 kg (26.4 lb)	7MH7725-1EH	
30 kg (66.2 lb)	7MH7725-1EJ	
25 lb (11.3 kg)	PBD-23900224	
50 lb (22.7 kg)	PBD-23900225	
100 lb (45.4 kg)	PBD-23900242	

##### Milltronics Weighfeeder 1200/ SITRANS WW300 spare load cells

	Article No.	
<b>Nickel plated</b>		
50 kg (110.2 lb)	7MH7725-1CU	
100 kg (220.5 lb)	7MH7725-1CV	
150 kg (330.7 lb)	7MH7725-1CW	
200 kg (440.9 lb)	7MH7725-1CX	
<b>Stainless steel</b>		
Stainless steel load cell [17-4 PH (1.4568) stainless steel construction with 304 (1.4301) stainless steel cover		
50 lb (22.7 kg)	7MH7725-1AC	
100 lb (45.4 kg)	7MH7725-1AD	
250 lb (113.4 kg)	7MH7725-1AE	
500 lb (226.8 kg)	7MH7725-1AF	
<b>Calibration hanger weights</b>		
200 g (0.4 lb)	7MH7724-1AF	
500 g (1.1 lb)	7MH7724-1AG	
1 000 g (2.2 lb)	7MH7724-1AH	
2 000 g (4.4 lb)	7MH7724-1AJ	
3 500 g (7.7 lb)	7MH7724-1BQ	
5 000 g (11 lb)	7MH7724-1AK	
7 500 g (16.5 lb)	7MH7724-1BR	
8 500 g (18.7 lb)	7MH7724-1BS	
10 000 g (22 lb)	7MH7724-1BT	
12 000 g (26.5 lb)	7MH7724-1BU	
15 000 g (33.1 lb)	7MH7724-1BV	

<sup>1)</sup> For aluminum model, use nickel plated alloy steel.

SITRANS Weighfeeders

Notes