

## 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
Repeatability	± 0.1 %
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
<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, 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> <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 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

##### SITRANS WW200, open style

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

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

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)

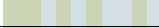
100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

Article No.

**7MH7300-**



##### 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)

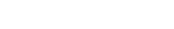
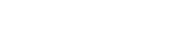
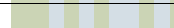
100 inch (2 540 mm)

108 inch (2 743 mm)

116 inch (2 946 mm)

Article No.

**7MH7300-**



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>7MH7300-</b>		<b>7MH7300-</b>
<b>Material containment construction</b> None Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch" for options B ... L <u>Shear gate inlet</u> 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 <u>Horseshoe inlet</u> 304 stainless steel 304 stainless steel, #4 polished 316 stainless steel 316 stainless steel, #4 polished	A B C D E F G H J K L M N P Q		
<b>Load cell</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) <u>Stainless steel, hermetically sealed</u> 6 kg (13.2 lb) 12 kg (26.5 lb) 30 kg (66.1 lb)	0 1 2 3 4 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>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>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 <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) 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		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 2 A 2 C 2 E	
<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) <u>Nitrile 135 PIW</u> 3 ply 3 ply with B-section flange walls 3 ply with 2 inch (50 mm) corrugated side walls			A B C D G H J
<b>Belt change access side (looking from inlet to discharge)</b> Left hand Right hand			0 1

**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).

Application Eng. reference number (max. 15 characters), specify in plain text.

**Y31**

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, Groups C&D; Class II, Div. 1, Groups 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 5 ... 7 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 5 ... 7 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 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.	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. <a href="#">Click on the Article No. for the online configuration in the PIA Life Cycle Portal.</a>	<b>7MH7301-</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>7MH7301-</b> 
Add order code Y71 ... Y73 for all models to specify design data		<u>36 inch (914 mm) belt width</u>	
<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) 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)	<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>	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)	<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>
<u>18 inch (457 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)	<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>	<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)	<b>5 A</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>
<u>24 inch (610 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)	<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>	<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)	<b>6 A</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>
<u>30 inch (762 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)	<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>		

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

Article No.

**7MH7301-**

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Article No.

**7MH7301-**

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Selection and ordering data	Order Code	Operating instructions	Article No.
<b>Further designs</b> Please add <b>"-Z"</b> to article no. and specify order code(s).		<b>Operating instructions</b> • English	<b>A5E33560654</b>
Application Eng. reference number (max. 15 characters), specify in plain text.	<b>Y31</b>	Note:	
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch)	<b>Y74</b>	The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Miltronics 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, Groups C&D; Class II, Div. 1, Groups 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 5 ... 7 or with motor options 1A ... 2E <sup>2)</sup>	<b>E90</b>		
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 5 ... 7 or motor options 1A ... 2E <sup>3)</sup>	<b>E91</b>		
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****SITRANS WW200, open style**

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

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

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)

Article No.

**7MH7302-**

**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**

Article No.

**7MH7302-****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)

**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**

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	0 A  0 B 0 C  0 D 0 E  0 F 0 G  0 H	
<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	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)		A B C D
<b>Belt change access side (looking from inlet to discharge)</b> Left hand Right hand		0 1

**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).

Application Eng. reference number (max. 15 characters), specify in plain text.

**Y31**

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, Groups C&D; Class II, Div. 1, Groups 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 5 ... 7 or with motor options 1A ... 2E<sup>2)</sup>

**E90**

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 5 ... 7 or motor options 1A ... 2E<sup>3)</sup>

**E91**

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.	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. ↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.	<b>7MH7303-</b> 	<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.	<b>7MH7303-</b> 
Add order code Y71 ... Y73 for all models to specify design data			
<b>Painted mild steel frame with painted mild 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	52 inch (1 321 mm)	4 A
60 inch (1 524 mm)	0 B	60 inch (1 524 mm)	4 B
68 inch (1 727 mm)	0 C	68 inch (1 727 mm)	4 C
76 inch (1 930 mm)	0 D	76 inch (1 930 mm)	4 D
84 inch (2 134 mm)	0 E	84 inch (2 134 mm)	4 E
92 inch (2 337 mm)	0 F	92 inch (2 337 mm)	4 F
100 inch (2 540 mm)	0 G	100 inch (2 540 mm)	4 G
108 inch (2 743 mm)	0 H	108 inch (2 743 mm)	4 H
116 inch (2 946 mm)	0 J	116 inch (2 946 mm)	4 J
<u>18 inch (457 mm) belt width</u>		<u>42 inch (1 067 mm) belt width</u>	
52 inch (1 321 mm)	1 A	52 inch (1 321 mm)	5 A
60 inch (1 524 mm)	1 B	60 inch (1 524 mm)	5 B
68 inch (1 727 mm)	1 C	68 inch (1 727 mm)	5 C
76 inch (1 930 mm)	1 D	76 inch (1 930 mm)	5 D
84 inch (2 134 mm)	1 E	84 inch (2 134 mm)	5 E
92 inch (2 337 mm)	1 F	92 inch (2 337 mm)	5 F
100 inch (2 540 mm)	1 G	100 inch (2 540 mm)	5 G
108 inch (2 743 mm)	1 H	108 inch (2 743 mm)	5 H
116 inch (2 946 mm)	1 J	116 inch (2 946 mm)	5 J
<u>24 inch (610 mm) belt width</u>		<u>48 inch (1 219 mm) belt width</u>	
52 inch (1 321 mm)	2 A	52 inch (1 321 mm)	6 A
60 inch (1 524 mm)	2 B	60 inch (1 524 mm)	6 B
68 inch (1 727 mm)	2 C	68 inch (1 727 mm)	6 C
76 inch (1 930 mm)	2 D	76 inch (1 930 mm)	6 D
84 inch (2 134 mm)	2 E	84 inch (2 134 mm)	6 E
92 inch (2 337 mm)	2 F	92 inch (2 337 mm)	6 F
100 inch (2 540 mm)	2 G	100 inch (2 540 mm)	6 G
108 inch (2 743 mm)	2 H	108 inch (2 743 mm)	6 H
116 inch (2 946 mm)	2 J	116 inch (2 946 mm)	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		

**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.

**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

Article No.

**7MH7303-****B****C****D****E****F****G****H****J****K****L****0****1****2****3****4****5****6****7****0****1****2****3****4****5****6**

Article No.

**7MH7303-****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****2 A****2 C****2 E****A****B****C****D****G****H****J****0****1****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

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>Operating instructions</b> • English	<b>A5E33560654</b>
Application Eng. reference number (max. 15 characters), specify in plain text.	<b>Y31</b>	Note:	
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch) <sup>1)</sup>	<b>Y74</b>	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, Groups C&D; Class II, Div. 1, Groups 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 5 ... 7 or with motor options 1A ... 2E <sup>2)</sup>	<b>E90</b>		
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 5 ... 7 or motor options 1A ... 2E <sup>3)</sup>	<b>E91</b>		
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.

**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.

↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

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)

Article No.

**7MH7304-**

**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)

Article No.

**7MH7304-**

**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**



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.	<b>7MH7304-</b>	<b>7MH7304-</b>
<b>Material containment construction</b> Add order code Y74 and plain text: "Arc radius in inches ...XX.XXX inch" for options D ... L <u>Shear gate inlet</u> 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	B C D E F G H J K L	1 A 1 B 1 C 1 D 1 E 1 F
<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	2 A 2 C 2 E
<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	0 A 0 B 0 C 0 D 0 E 0 F 0 G 0 H	<b>Food grade epoxy coated AC motor</b> 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>Stainless steel AC motor</b> 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
		<b>Beltting</b> 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)
		A B C D
		<b>Belt change access side (looking from inlet to discharge)</b> Left hand Right hand
		0 1

**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).

Application Eng. reference number (max. 15 characters), specify in plain text.

**Y31**

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, Groups C&D; Class II, Div. 1, Groups 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 5 ... 7 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 5 ... 7 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.	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.  ↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.	<b>7MH7305-</b> 	<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.	<b>7MH7305-</b> 
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>		<u>36 inch (914 mm) belt width</u>	
52 inch (1 321 mm)	0 A	52 inch (1 321 mm)	4 A
60 inch (1 524 mm)	0 B	60 inch (1 524 mm)	4 B
68 inch (1 727 mm)	0 C	68 inch (1 727 mm)	4 C
76 inch (1 930 mm)	0 D	76 inch (1 930 mm)	4 D
84 inch (2 134 mm)	0 E	84 inch (2 134 mm)	4 E
92 inch (2 337 mm)	0 F	92 inch (2 337 mm)	4 F
100 inch (2 540 mm)	0 G	100 inch (2 540 mm)	4 G
108 inch (2 743 mm)	0 H	108 inch (2 743 mm)	4 H
116 inch (2 946 mm)	0 J	116 inch (2 946 mm)	4 J
<u>18 inch (457 mm) belt width</u>		<u>42 inch (1 067 mm) belt width</u>	
52 inch (1 321 mm)	1 A	52 inch (1 321 mm)	5 A
60 inch (1 524 mm)	1 B	60 inch (1 524 mm)	5 B
68 inch (1 727 mm)	1 C	68 inch (1 727 mm)	5 C
76 inch (1 930 mm)	1 D	76 inch (1 930 mm)	5 D
84 inch (2 134 mm)	1 E	84 inch (2 134 mm)	5 E
92 inch (2 337 mm)	1 F	92 inch (2 337 mm)	5 F
100 inch (2 540 mm)	1 G	100 inch (2 540 mm)	5 G
108 inch (2 743 mm)	1 H	108 inch (2 743 mm)	5 H
116 inch (2 946 mm)	1 J	116 inch (2 946 mm)	5 J
<u>24 inch (610 mm) belt width</u>		<u>48 inch (1 219 mm) belt width</u>	
52 inch (1 321 mm)	2 A	52 inch (1 321 mm)	6 A
60 inch (1 524 mm)	2 B	60 inch (1 524 mm)	6 B
68 inch (1 727 mm)	2 C	68 inch (1 727 mm)	6 C
76 inch (1 930 mm)	2 D	76 inch (1 930 mm)	6 D
84 inch (2 134 mm)	2 E	84 inch (2 134 mm)	6 E
92 inch (2 337 mm)	2 F	92 inch (2 337 mm)	6 F
100 inch (2 540 mm)	2 G	100 inch (2 540 mm)	6 G
108 inch (2 743 mm)	2 H	108 inch (2 743 mm)	6 H
116 inch (2 946 mm)	2 J	116 inch (2 946 mm)	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		

**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.

**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

## Article No.

**7MH7305-**

D

E

F

G

H

J

K

L

5

6

7

0

1

2

3

4

5

6

6

0 A

0 B

0 C

0 D

0 E

0 F

0 G

0 H

## Article No.

**7MH7305-****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)

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

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
<b>Further designs</b>	
Please add <b>"-Z"</b> to article no. and specify order code(s).	
Application Eng. reference number (max. 15 characters), specify in plain text.	<b>Y31</b>
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, Groups C&D; Class II, Div. 1, Groups 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 5 ... 7 or with motor options 1A ... 2E <sup>2)</sup>	<b>E90</b>
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 5 ... 7 or motor options 1A ... 2E <sup>3)</sup>	<b>E91</b>
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>
<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.

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

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> H J K L 5 6 7 0 1 2 3 4 5 6 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, enclosed 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) 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 <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	<b>7MH7306-</b> 2 A 2 C 2 E A B C D 0 1

**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).

Application Eng. reference number (max. 15 characters), specify in plain text.

**Y31**

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, Groups C&D; Class II, Div. 1, Groups 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 5 ... 7 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 5 ... 7 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 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**
**SITRANS WW200, enclosed style**

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

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

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

**316 stainless steel frame with 304 stainless 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)

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

Article No.

7MH7307-


**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

Article No.

7MH7307-



**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.

**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

Article No.

**7MH7307-****H****J****K****L****5****6****7****0****1****2****3****4****5****6****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**

Article No.

**7MH7307-****2 A****2 C****2 E****A****B****C****D****0****1****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

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>Operating instructions</b> • English	<b>A5E33560654</b>
Application Eng. reference number (max. 15 characters), specify in plain text.	<b>Y31</b>	Note: The operating instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Miltronics 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, Groups C&D; Class II, Div. 1, Groups 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 5 ... 7 or with motor options 1A ... 2E <sup>2)</sup>	<b>E90</b>		
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 5 ... 7 or motor options 1A ... 2E <sup>3)</sup>	<b>E91</b>		
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.

**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.

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

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

**316 stainless steel frame with 316 stainless 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.

**7MH7308-****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**

Article No.

**7MH7308-****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)

**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.	<b>7MH7308-</b>	<b>7MH7308-</b>
<b>Material containment construction</b> 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	H J K L	
<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	0 A 0 B 0 C 0 D 0 E 0 F 0 G 0 H	
<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>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		1 A 1 B 1 C 1 D 1 E 1 F
<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) 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		2 A 2 C 2 E
<b>Belting</b> 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)		A B C D
<b>Belt change access side (looking from inlet to discharge)</b> Left hand Right hand		0 1

# 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).

Application Eng. reference number (max. 15 characters), specify in plain text.

**Y31**

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, Groups C&D; Class II, Div. 1, Groups 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 5 ... 7 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 5 ... 7 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 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>	Termination box 1,2,4 load cell and speed sensor, mild steel	<b>7MH7723-1ND</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, stainless steel	<b>7MH7723-1NE</b>
E-stop push button, enclosed style	<b>3SB3801-0DF3</b>	Head bearing replacement kit mild steel (includes 2 bearings)	<b>7MH7723-1QM</b>
CLS100 plugged discharge chute retrofit kit (includes CLS100, material hood)	<b>7MH7723-1JE</b>	Tail bearing replacement kit mild steel (includes 2 bearings)	<b>7MH7723-1QN</b>
Siemens, MM420, 0.5 HP 0.37 kW, 380 ... 480 V 3 ph 50/60 Hz	<b>6SE6420UD137AA1</b>	Head bearing replacement kit stainless steel (includes 2 bearings)	<b>7MH7723-1QP</b>
Siemens, MM420, 0.75 HP 0.56 kW, 380 ... 480 V 3 ph 50/60 Hz	<b>6SE6420UD155AA1</b>	Tail bearing replacement kit stainless steel (includes 2 bearings)	<b>7MH7723-1QQ</b>
Siemens, MM420, 1 HP 0.75 kW, 380 ... 480 V 3 ph 50/60 Hz	<b>6SE6420UD175AA1</b>	Skirtboard seal replacement kit, 7 meters	<b>7MH7723-1QR</b>
Siemens, MM440, 1 HP 0.75 kW, 500 ... 600 V 3 ph 60 Hz	<b>6SE6440UE175CA</b>	Enclosure latches (includes 5 latches)	<b>7MH7723-1QS</b>
Siemens, MM420/440, Bop keypad	<b>6SE6400BP000AA1</b>	Enclosure latches stainless steel (includes 5 latches)	<b>7MH7723-1QT</b>
<b>Calibration hanger weights</b>			
200 g (0.4 lb)	<b>7MH7724-1AF</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>
500 g (1.1 lb)	<b>7MH7724-1AG</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>
1 000 g (2.2 lb)	<b>7MH7724-1AH</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>
2 000 g (4.4 lb)	<b>7MH7724-1AJ</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>
3 500 g (7.7 lb)	<b>7MH7724-1BQ</b>	Motor, 0.25 HP (0.19 kW) STD, 575 V – 60 Hz 3 ph	<b>7MH7723-1NL</b>
5 000 g (11 lb)	<b>7MH7724-1AK</b>	Motor, 0.5 HP (0.37 kW) STD, 575 V – 60 Hz 3 ph	<b>7MH7723-1NM</b>
7 500 g (16.5 lb)	<b>7MH7724-1BR</b>	Motor, 0.75 HP (0.56 kW) STD, 575 V – 60 Hz 3 ph	<b>7MH7723-1NN</b>
8 500 g (18.7 lb)	<b>7MH7724-1BS</b>	Motor, 1 HP (0.75 kW) STD, 575 V – 60 Hz 3 ph	<b>7MH7723-1NP</b>
10 000 (22 lb)	<b>7MH7724-1BT</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>
12 000 g (26.5 lb)	<b>7MH7724-1BU</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>
15 000 g (33.1 lb)	<b>7MH7724-1BV</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>
Note: Calibration accessories should be ordered as a separate item on the order		Motor, 0.25 HP (0.19 kW) epoxy coated, 575 V – 60 Hz 3 ph	<b>7MH7723-1NT</b>
<b>Spare parts</b>			
6 kg (13.2 lb) stainless steel load cell	<b>7MH7725-1EG</b>	Motor, 0.5 HP (0.37 kW) epoxy coated, 575 V – 60 Hz 3 ph	<b>7MH7723-1NU</b>
12 kg (26.4 lb) stainless steel load cell	<b>7MH7725-1EH</b>	Motor, 1 HP (0.75 kW) epoxy coated, 575 V – 60 Hz 3 ph	<b>7MH7723-1NW</b>
30 kg (66.2 lb) stainless steel load cell	<b>7MH7725-1EJ</b>	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>
10 kg (22 lb) nickel plated steel load cell	<b>7MH7725-1EK</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>
15 kg (33.1 lb) nickel plated steel load cell	<b>7MH7725-1EL</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>
20 kg (44 lb) nickel plated steel load cell	<b>7MH7725-1EM</b>	WW200 Belt	See <b>7MH7201</b> , page 5/45
30 kg (66.2 lb) nickel plated steel load cell	<b>7MH7725-1EN</b>	WW200 Gear reducer	See <b>7MH7200</b> , page 5/47
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>		
Belt tracking switch, ATEX II 2D/Class I Div. 1, Groups C&D, Class II Div. 1, Groups F&G	<b>7MH7723-1RA</b>		
Pull cord switch	<b>3SE7120-2DD01</b>		
WW200 outline approval drawing	<b>7MH7726-1BU</b>		

## SITRANS Weighfeeders

### SITRANS WW200

#### Accessories and spare parts

##### Selection and ordering data

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 – 60 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 – 60 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 – 60 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 – 60 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**



Selection and ordering data	Article No.		Article No.
<b>SITRANS WW200 belt</b> Endless belt for use with WW200 weighfeeders For use with 7MH7300, pulley CL data based on telescope in fully retracted position. ↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.	<b>7MH7201-</b>  <b>0</b>	<b>SITRANS WW200 belt</b> Endless belt for use with WW200 weighfeeders For use with 7MH7300, pulley CL data based on telescope in fully retracted position.	<b>7MH7201-</b>  <b>0</b>
<u>12 inch (305 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder	<b>0A</b>  <b>0B</b>  <b>0C</b>  <b>0D</b>  <b>0E</b>  <b>0F</b>  <b>0G</b>  <b>0H</b>  <b>0J</b>	<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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder	<b>2A</b>  <b>2B</b>  <b>2C</b>  <b>2D</b>  <b>2E</b>  <b>2G</b>  <b>2H</b>  <b>2J</b>
<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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder	<b>1A</b>  <b>1B</b>  <b>1C</b>  <b>1D</b>  <b>1E</b>  <b>1F</b>  <b>1G</b>  <b>1H</b>  <b>1J</b>	<u>30 inch (762 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder 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 weighfeeder	<b>3A</b>  <b>3B</b>  <b>3C</b>  <b>3D</b>  <b>3E</b>  <b>3F</b>  <b>3G</b>  <b>3H</b>  <b>4A</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 telescope 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 telescope 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

Article No.

7MH7201-

0

6E

6F

6G

6H

6J

A

B

C

D

G

H

J

#### Selection and ordering data

Order code

##### Further designs


Please add "-Z" to Order No. and specify Order codes(s).

##### Custom length

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

Note: Y01 order code info indicates special length on weighfeeder

Y01

Selection and ordering data	Article No.	Order Code
<b>SITRANS WW200 gear reducer</b> 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 ↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.	<b>7MH7200-</b>  <b>0</b>	<b>Further designs</b> Please add <b>"-Z"</b> to article no. and specify order code(s). <b>Motor</b> Standard For use with ATEX rated motor 1) Select order code A06 2) Select order code A04
<b>Construction</b> Painted mild steel Food grade epoxy painted mild steel with food grade oil	<b>0</b> <b>1</b>	<b>A06</b> <b>A04</b>
<b>Reduction Ratio (X:1)</b> 1 059 937 865 745 677 615 558 508 449 414 357 324 320.67 284.7 249.6 223.36 198.25 173.73 152.75 138 120.25 108 97.5 88.4 80.44 71.12 65.68 56.55 51.41 46.93 42 37.28	<b>AA</b> <b>AB</b> <b>AC</b> <b>AD</b> <b>AE</b> <b>AF</b> <b>AG</b> <b>AH</b> <b>AJ</b> <b>AK</b> <b>AL</b> <b>AM</b> <b>BA</b> <b>BB</b> <b>BC</b> <b>BD</b> <b>BE</b> <b>BF</b> <b>BG</b> <b>BH</b> <b>BJ</b> <b>BK</b> <b>BL</b> <b>BM</b> <b>BN</b> <b>BP</b> <b>BQ</b> <b>BR</b> <b>BS</b> <b>BT</b> <b>BU</b> <b>BV</b>	
<b>Type</b> Standard <sup>1)</sup> For use with ATEX rated 0.25 HP (0.18 kW) motor <sup>2)</sup> For use with ATEX rated 0.5 HP (0.37 kW) motor <sup>2)</sup> For use with ATEX rated 0.75 HP (0.56 kW) motor <sup>2)</sup> For use with ATEX rated 1 HP (0.75 kW) motor <sup>2)</sup>	<b>0</b> <b>1</b> <b>2</b> <b>3</b> <b>4</b>	

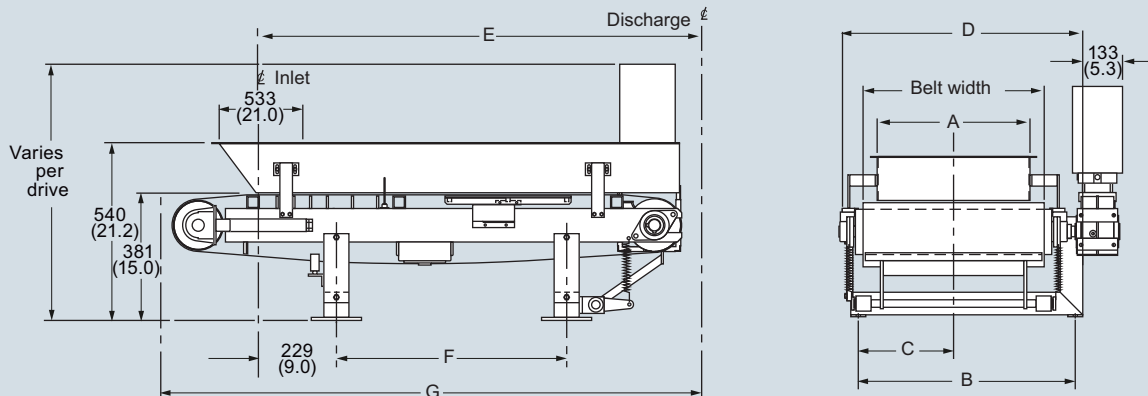
# SITRANS Weighfeeders

## SITRANS WW200

### Dimensional drawings and schematics

#### Dimensional drawings

Open Construction

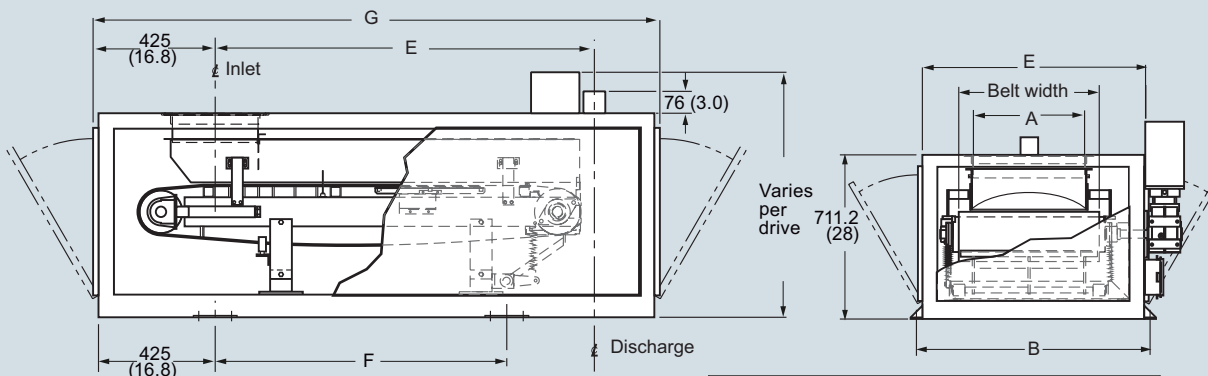


Shear gate infeed version

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

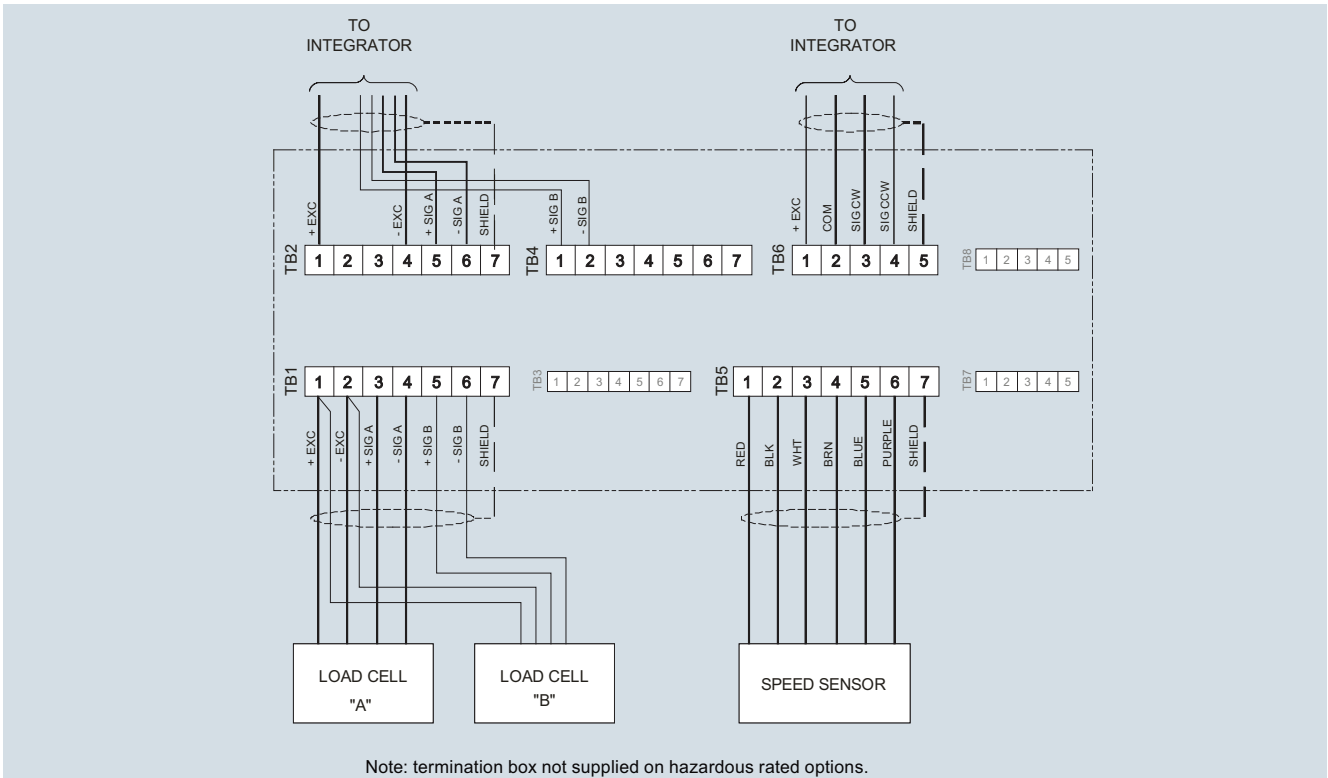


Closed Construction				
Belt width	A	B	C	Weight (STD)
305 (12)	203 (8)	737 (29)	686 (27)	600 lb/272 kg
457 (18)	356 (14)	864 (89)	838 (33)	700 lb/318 kg
610 (24)	508 (20)	1 041 (41)	991 (39)	800 lb/363 kg
762 (30)	660 (26)	1 194 (47)	1 143 (45)	900 lb/408 kg
915 (36)	813 (32)	1 346 (53)	1 295 (51)	1 000 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)

**Schematics**



SITRANS WW200 connections