

Weighfeeders



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Weighfeeders

Introduction

Overview

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

Mode of operation

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

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

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

Design and Applications

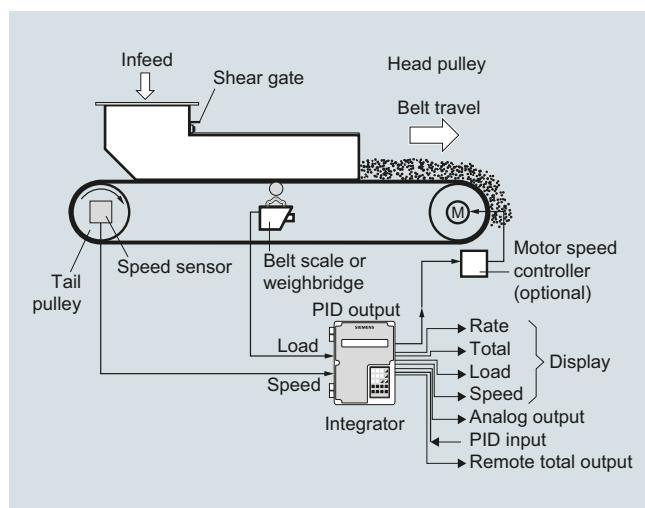
SITRANS WW100

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

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

SITRANS WW200

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



Weighfeeder operation

Technical specifications

Criteria	SITRANS WW100	SITRANS WW200
See page	5/4	5/11
Typical industries	Bulk chemicals, tobacco, food, water treatment	Bulk chemicals, tobacco, food, recycling
Typical applications	High-accuracy, low-capacity for minor ingredient additives	Low- to medium-capacity for minor ingredient additives
Design rate range	45 kg/h ... 18 t/h (100 lb/h ... 20 STPH)	0.45 ... 100 t/h (1 000 lb/h ... 110 STPH)
Belt speed	0.005 ... 0.36 m/s (1 ... 70 fpm)	0.005 ... 0.36 m/s (1 ... 70 fpm)
Accuracy¹⁾	± 0.5 % or better	± 0.5 % or better
Specified range	10 ... 100 % based on speed	10 ... 100 % based on speed
Sensing element	Long length platform weigh bridge Single load cell	Platform weigh bridge Dual load cells
Approvals	<ul style="list-style-type: none"> • Declaration of incorporation of partly completed machinery acc. directive 2006/42/EC. • Stainless steel options meet FDA requirements for food processing. • Hazardous approvals per configuration options (WW200 only). 	

¹⁾ 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.

Weighfeeders

SITRANS WW100

Introduction

Overview



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

Benefits

- High accuracy
- High turn down ratio; 100 to 10 % of capacity
- Corrosion resistant components
- Fast and easy belt removal for replacement or cleaning
- Simple installation, easy to clean and maintain
- Available with gear or servomotor

Application

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

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

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

Technical specifications

SITRANS WW100		SITRANS WW100
Mode of operation		Belting
Measuring principle	Strain gauge load cell and digital speed sensor	<ul style="list-style-type: none"> Polyester carcass with polyurethane top cover and static control with vulcanized endless finger splice for max. weighing consistency (standard); optionally available in blue and as low capacity belt; product temperature up to 100 °C (212 °C) Belt properties in compliance with food safety regulation (EU) 10/2011 and (EC) 1935/2004 Meets FDA 21CFR and Halal HACCP concept supported: resistant to hot water and ideal for frequent cleaning cycles Silicone high temp belt for hot material applications [product temperature up to 177 °C (350 °F)], in compliance with (EU) 10/2011 and (EC) 1935/2004, meets FDA 21CFR
Typical application	Control and monitor feed rates and blending in bulk chemicals, tobacco, food, and water treatment	
Measuring accuracy		
Accuracy ¹⁾	± 0.25 ... 0.5 %	
Repeatability	± 0.1 %	
Specified range	10 ... 100 % based on speed	
Design rate range	45 kg/h ... 18 t/h (100 lb/h ... 20 STPH)	
Max volumetric flow	30 m ³ /h (1 060 ft ³ /h)	
Medium conditions		Belt tension
Operating temperature	-10 ... +55 °C (10 ... 131 °F)	<ul style="list-style-type: none"> Counter-weighted stainless steel [304 (1.4301) or 316 (1.4401)] tensioning idler for consistent tension, required for high accuracy weighing Screw type, telescoper module with 25 mm (1 inch) travel, stainless steel 304 (1.4301)
Material	Stainless steel [304 (1.4301) or 316 (1.4401)], bead blast finish (1 ... 6 µm, 40 ... 240 µin)	
Load cells		Belt cleaning
Construction	17-4 PH (1.4568) stainless steel	<ul style="list-style-type: none"> PE-HD blade type with counter-weight at the head pulley for cleaning product side of belt Return plow
Degree of protection	IP68	
Excitation	10 V DC nominal, 15 V DC maximum	Servomotor
Output	2 mV/V	SIMOTICS Servomotor; optionally including SINAMICS S120 drive, PROFIBUS DP or Profinet option, length of motor and communication cables customizable.
• Non-linearity	± 0.02 % of rated output	
• Non-repeatability	± 0.01 % of rated output	
Capacity	Stainless steel range: 6, 12, 30 kg	Standard gearmotor
Overload	150 % of rated capacity	Helical-worm geared motor, AC, Efficiency class IE1, IEC or UL-R/CSA, IP55, incl. PTC, RAL7031, C2 coating acc. EN12944.
Temperature	<ul style="list-style-type: none"> Operating range: -40 ... +65 °C (-40 ... +149 °F) Compensated: -10 ... +40 °C (14 ... 104 °F) 	Food grade gearmotor
Speed sensors		Helical-worm geared motor, AC, Efficiency class IE3, IEC or UL-R/CSA, IP66, including PTC, corrosion resistant Aluminium housing, sealed surface treatment nsd tupH, complies with FDA.
Optical encoder output	<ul style="list-style-type: none"> RS 422 (TTL) 5 V DC, 150 mA max. 1 000 or 2 500 pulses per revolution (ppr) 	Variable frequency drive: SINAMICS S120 servomotor controller (included with supply of WW100 based on ordering options)
Degree of protection	<ul style="list-style-type: none"> Standard: IP64 Stainless steel: IP66 	<ul style="list-style-type: none"> 1 ph, 200 ... 240 V or 3 ph, 380 ... 480 V BOP for local control External 24 V DC power supply RS 232 connection port 4 DI, D0 PROFIBUS DP, optionally Profinet
Temperature	-10 ... +70 °C (14 ... 158 °F)	
Framework	<ul style="list-style-type: none"> Precision machined, stainless [304 (1.4301) or 316 (1.4401)] or mild steel Cantilevered design for easy belt replacement 	Shipping weight
Pulleys	115 mm (4.5 inch) diameter, crowned and lagged	91 kg (200 lb) ... 181 kg (400 lb) maximum
Bearings	<ul style="list-style-type: none"> 4-bolt flange mount on drive pulley 2-bolt threaded base pillow block on driven pulley 	Approvals
Belt speed	0.005 ... 0.36 m/s (1 ... 70 fpm)	<ul style="list-style-type: none"> Declaration of incorporation of partly completed machinery acc. directive 2006/42/EC. Meets FDA requirements for food processing
Belt support	Slider bed frame	

¹⁾ 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.

Weighfeeders

SITRANS WW100

Ordering data

Selection and ordering data	Article No.	Article No.
SITRANS WW100 High accuracy solids weighfeeder for low capacity applications.	7MH7180- 	SITRANS WW100 High accuracy solids weighfeeder for low capacity applications.
↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.		Drive configuration
Add order code Y71 ... Y73 for all models to specify design data.		SIMOTICS Servomotor incl. SINAMICS control unit with PROFIBUS DP, BOP and power module
Frame and enclosure construction		200 ... 240 V 1 ph ²⁾
304 stainless steel open style	0 B	380 ... 480 V 3 ph ²⁾
316 stainless steel open style	0 D	200 ... 240 V 1 ph, with 5 m (16.4 ft) communication and power cables
304 stainless steel enclosed style with painted mild steel enclosure	1 B	380 ... 480 V 3 ph, with 5 m (16.4 ft) communication and power cables
304 stainless steel enclosed style with 304 stainless steel enclosure	1 D	200 ... 240 V 1 ph, with 10 m (33 ft) communication and power cables
316 stainless steel enclosed style with painted mild steel enclosure	1 G	380 ... 480 V 3 ph, with 10 m (33 ft) communication and power cables
316 stainless steel enclosed style with 304 stainless steel enclosure	1 J	200 ... 240 V 1 ph, with 25 m (82 ft) communication and power cables
316 stainless steel enclosed style with 316 stainless steel enclosure	1 M	380 ... 480 V 3 ph, with 25 m (82 ft) communication and power cables
Material containment construction		200 ... 240 V 1 ph, with 50 m (164 ft) communication and power cables
Add order code Y74 and plain text: "Arc radius in inches ... XX.XXX inch" for options A ... H		380 ... 480 V 3 ph, with 50 m (164 ft) communication and power cables
Shear gate inlet and skirtboards 304 stainless steel	A	200 ... 240 V 1 ph, with 100 m (328 ft) communication and power cables
Shear gate inlet and skirtboards 304 stainless steel with cover	B	380 ... 480 V 3 ph, with 100 m (328 ft) communication and power cables
Shear gate inlet and skirtboards 304 stainless steel, #4 polished	C	
Shear gate inlet and skirtboards 304 stainless steel, #4 polished with cover	D	
Shear gate inlet and skirtboards 316 stainless steel	E	
Shear gate inlet and skirtboards 316 stainless steel with cover	F	
Shear gate inlet and skirtboards 316 stainless steel, #4 polished	G	
Shear gate inlet and skirtboards 316 stainless steel, #4 polished with cover	H	
Horseshoe inlet 304 stainless steel ¹⁾	J	
Horseshoe inlet 304 stainless steel, #4 polished ¹⁾	K	
Horseshoe inlet 316 stainless steel ¹⁾	L	
Horseshoe inlet 316 stainless steel, #4 polished ¹⁾	M	
Load cell		
6 kg (13.2 lb) stainless steel, hermetically sealed	4	220 ... 240/380 ... 480 V 3 ph 50/60 Hz AC food grade gearmotor
12 kg (26.5 lb) stainless steel, hermetically sealed	5	575 V 3 ph 60 Hz AC
30 kg (66.1 lb) stainless steel, hermetically sealed	6	
Speed sensor		
1 000 PPR shaft mounted optical encoder	1	
2 500 PPR shaft mounted optical encoder	2	
1 000 PPR shaft mounted optical encoder, stainless steel	4	
2 500 PPR shaft mounted optical encoder, stainless steel	5	
SIMOTICS servomotor without accessories		Control unit, BOP, power module and input choke as well as power and communication cables should be ordered separately.
Calibration Method		
None		
1 calibration chain strand approx. 2.41 kg/m (1.62 lb/ft)		A
2 calibration chain strands approx. 4.82 kg/m (3.24 lb/ft)		B
3 calibration chain strands approx. 7.23 kg/m (4.86 lb/ft)		C
Belt change access side (looking from inlet to discharge)		D
Left hand		0
Right hand		1

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	7MH5117-1QD00
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch) ³⁾	Y74	7MH5117-2BD00
Enter design units (TPH, MTPH, lb/h, kg/h)	Y71	7MH7725-1EK
Enter design speed (ft/m, m/s)	Y72	7MH7725-1EL
Enter design capacity/rate	Y73	7MH7725-1EM
AC gearmotor reduction ratio: Enter reduction ratio in plain text (X:1).	Y75	6FX2001-2PA50
AC gearmotor electrical style: IEC, UL-R/CSA or CCC	Y76	6FX2001-2PC50
Manufacturer's test certificate: according to EN 10204-2.2	C11	6FX2001-4QA50
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	6FX2001-4QB00
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ³⁾	G11	6FX2003-OSU12
Pointek CLS100 Capacitance switch for plugged discharge chute detection	G12	7MH7723-1KM
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	G14	7MH7723-1KD
Low weight belt for light loading, low rate applications (recommended for under 1 t/h). Anti-static, FDA approved.	G15	7MH7723-1HH
High temp belt for hot material applications (product temp up to 177 °C (350 °F)). High temp silicone, FDA approved.	G17	7MH7723-1HJ
SINAMICS control unit with Profinet (only available with drive configuration options 0A ... 5B)	G21	7MH7723-1HP
Discharge dust hood, painted mild steel with de-dust port ¹⁾	H50	7MH7723-1HQ
Discharge dust hood, 304 stainless steel with de-dust port ¹⁾	H51	7MH7723-1HR
Discharge dust hood, 316 stainless steel with de-dust port ¹⁾	H52	
Operating instructions		
All literature is available to download for free, in a range of languages, at		http://www.automation.siemens.com/aspa_app
http://www.siemens.com/weighing/documentation		

Weighfeeders

SITRANS WW100

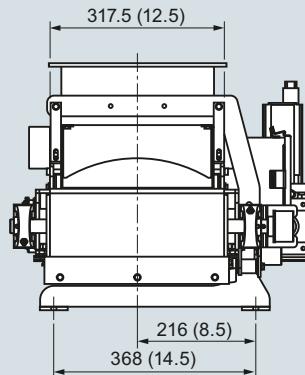
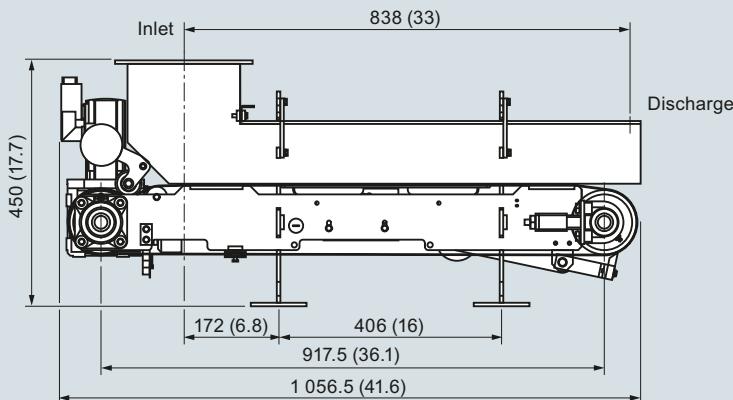
Ordering data

Selection and ordering data	Article No.
AC 220 ... 240/380 ... 480 V standard gearmotor ⁷⁾	A5E02796139
AC 575 V standard gearmotor ⁷⁾	A5E02798953
AC 220 ... 240/380 ... 480 V epoxy coated gearmotor ⁷⁾	A5E02798968
AC 575 V epoxy coated gearmotor ⁷⁾	A5E02798955
Standard belt, white	7MH7723-1SA
Standard belt, blue	7MH7723-1SB
Low capacity belt, white	7MH7723-1SC
Low capacity belt, blue	7MH7723-1SD
High temperature belt, white	7MH7723-1SE
High temperature belt, blue	7MH7723-1SF
Skirtboard sealing	7MH7723-1SG
Guide rollers	7MH7723-1SH
Gravimetric tensioning device	7MH7723-1SJ
Telescopers for WW100, stainless steel	7MH7723-1SY
Circuit board for termination box	A5E03623963
Bearing replacement kit, 2 bearings each for headpulley and tailpulley	7MH7723-1HV
Pulley replacement kit, for head and tailpulley, crowned, with lagging	7MH7723-1HY
Belt cleaning kit	7MH7723-1HW
Spare brush, 12 inch belt width	7MH7723-1SN
Accessories	
Start, Stop, Hand/Off/Auto, speed pot local operator station	7MH7723-1JA
E-stop push button, enclosed style	3SB3801-0DF3
24 V Power supply, 4 A	6EP1332-1SH52
Power transformer 600 ... 480 V AC 3 ph	7MH7726-1AV
CLS100 plugged discharge chute retrofit kit (includes CLS100, material hood)	7MH7723-1JE

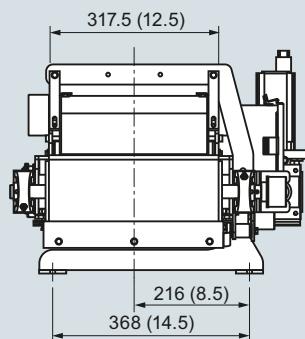
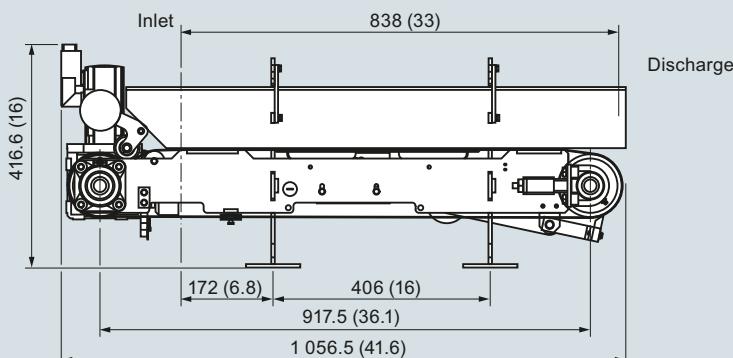
- 1) Available with Frame Construction options 0B ... 0D only.
- 2) Communication and power cables required.
- 3) Available with Material Containment options A ... H only.
- 4) For use with 5 V DC supply from RS 422 circuit card.
- 5) For use with PPR optical encoders: 6FX20012PA50, 6FX20012PB00, 6FX20012PC50.
- 6) For use with PPR optical encoders: 6FX20014QA50, 6FX20014QB00, 6FX20014QC5.
- 7) Available for WW100 weighfeeder, made in Canada prior to 2016; specify Y75 reduction ratio on the order.

Dimensional drawings

Open Construction



Open Horseshoe Inlet



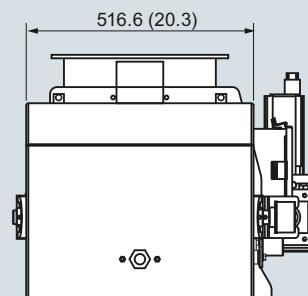
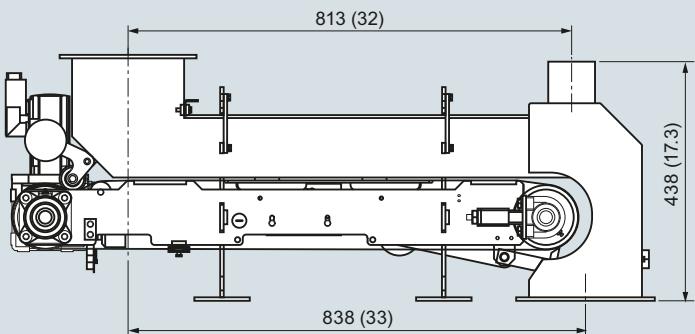
SITRANS WW100, dimensions in mm (inch)

Weighfeeders

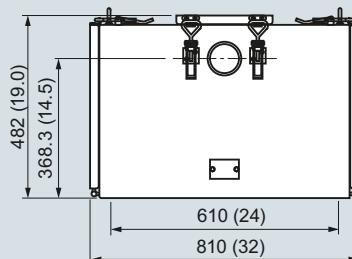
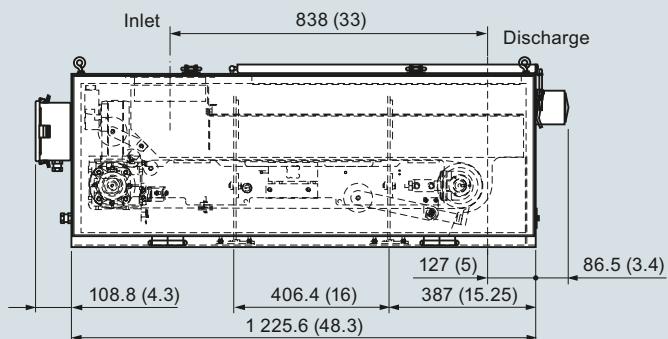
SITRANS WW100

Dimensional drawings and schematics

Open Dust Hood

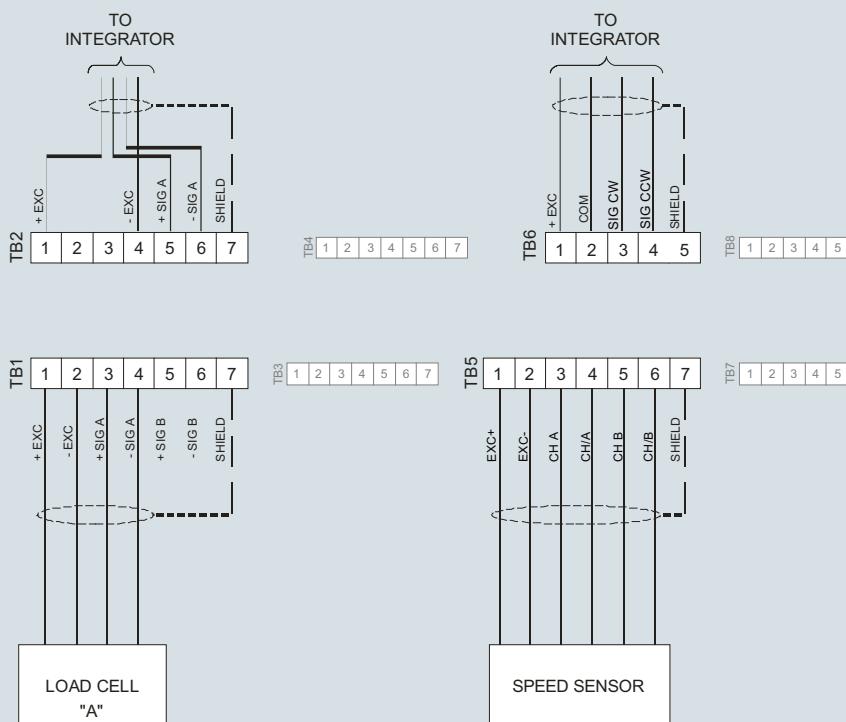


Enclosed Construction



SITRANS WW100, dimensions in mm (inch)

Circuit diagrams



SITRANS WW100 connections

Overview

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

Benefits

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

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 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.

Weighfeeders

SITRANS WW200

Introduction

Technical specifications

SITRANS WW200		SITRANS WW200
Mode of operation		Framework
Measuring principle	Strain gauge load cells and digital speed sensor	<ul style="list-style-type: none"> Precision machined, stainless [304 (1.4301) or 316 (1.4401)] or mild steel Cantilevered design for easy belt replacement
Typical application	Control and monitor feed rates and blending of minerals or powdered additives into a process	
Measuring accuracy		
Accuracy ¹⁾	± 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	120 m ³ /h (4 237 ft ³ /h)	
Medium conditions		
Operating temperature	-10 ... +55 °C (14 ... 131 °F)	
Material	Mild steel or stainless steel [304 (1.4301) or 316 (1.4401)], bead blast finish (1 ... 6 µm, 40 ... 240 µin)	
Load cells		
Construction	17-4 PH (1.4568) stainless steel or nickel plated alloy steel	
Degree of protection	<ul style="list-style-type: none"> Stainless steel: IP68 Nickel plated alloy steel: IP66 	
Excitation	10 V DC nominal, 15 V DC maximum	
Output	2 mV/V	
• Non-linearity	± 0.02 % of rated output	
• Non-repeatability	± 0.01 % of rated output	
Capacity	<ul style="list-style-type: none"> Stainless steel range: 6, 12, 30 kg Nickel-plated range: 10, 15, 20, 30, 50 kg 	
Overload	150 % of rated capacity	
Temperature	<ul style="list-style-type: none"> Operating range: -40 ... +65 °C (-40 ... +150 °F) Compensated: -10 ... +40 °C (15 ... 105 °F) 	
Speed sensor		
Optical encoder output	RS 422 (TTL) 5 V DC, 150 mA max. 1 000 or 2 000 ppr	
Temperature	-10 ... +70 °C (14 ... 158 °F)	
Degree of protection	<ul style="list-style-type: none"> Standard: IP64 Stainless steel: IP67 	
Belt tracking switch		
Aluminum spring rod (un-wired)	<ul style="list-style-type: none"> 1 NO, 1 NC switch blocks Rated operating voltage 600 V AC max. 	
Temperature	-30 ... +85 °C (-22 ... +185 °F)	
Degree of protection	IP67	

¹⁾ 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.

Selection and ordering data

Article No.

SITRANS WW200, open style

High accuracy solids weighfeeder for low to medium capacity applications.

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

Add order code Y71 ... Y76 for all models to specify design data.

Painted mild steel, open style, with C/L infeed to C/L discharge12 inch (305 mm) belt width

52 inch (1 321 mm)

0 A

60 inch (1 524 mm)

0 B

68 inch (1 727 mm)

0 C

76 inch (1 930 mm)

0 D

84 inch (2 134 mm)

0 E

92 inch (2 337 mm)

0 F

100 inch (2 540 mm)

0 G

108 inch (2 743 mm)

0 H

116 inch (2 946 mm)

0 J18 inch (457 mm) belt width

52 inch (1 321 mm)

1 A

60 inch (1 524 mm)

1 B

68 inch (1 727 mm)

1 C

76 inch (1 930 mm)

1 D

84 inch (2 134 mm)

1 E

92 inch (2 337 mm)

1 F

100 inch (2 540 mm)

1 G

108 inch (2 743 mm)

1 H

116 inch (2 946 mm)

1 J24 inch (610 mm) belt width

52 inch (1 321 mm)

2 A

60 inch (1 524 mm)

2 B

68 inch (1 727 mm)

2 C

76 inch (1 930 mm)

2 D

84 inch (2 134 mm)

2 E

92 inch (2 337 mm)

2 F

100 inch (2 540 mm)

2 G

108 inch (2 743 mm)

2 H

116 inch (2 946 mm)

2 J30 inch (762 mm) belt width

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

Article No.

SITRANS WW200, open style

High accuracy solids weighfeeder for low to medium capacity applications.

36 inch (914 mm) belt width

52 inch (1 321 mm)

4 A

60 inch (1 524 mm)

4 B

68 inch (1 727 mm)

4 C

76 inch (1 930 mm)

4 D

84 inch (2 134 mm)

4 E

92 inch (2 337 mm)

4 F

100 inch (2 540 mm)

4 G

108 inch (2 743 mm)

4 H

116 inch (2 946 mm)

4 J42 inch (1 067 mm) belt width

52 inch (1 321 mm)

5 A

60 inch (1 524 mm)

5 B

68 inch (1 727 mm)

5 C

76 inch (1 930 mm)

5 D

84 inch (2 134 mm)

5 E

92 inch (2 337 mm)

5 F

100 inch (2 540 mm)

5 G

108 inch (2 743 mm)

5 H

116 inch (2 946 mm)

5 J48 inch (1 219 mm) belt width

52 inch (1 321 mm)

6 A

60 inch (1 524 mm)

6 B

68 inch (1 727 mm)

6 C

76 inch (1 930 mm)

6 D

84 inch (2 134 mm)

6 E

92 inch (2 337 mm)

6 F

100 inch (2 540 mm)

6 G

108 inch (2 743 mm)

6 H

116 inch (2 946 mm)

6 J

Weighfeeders

SITRANS WW200

Open style

Selection and ordering data	Article No.	Article No.
SITRANS WW200, open style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7300- 	7MH7300- 
Material containment construction		
None	A	
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	D	
Skirtboards 304 stainless steel, with cover	E	
Skirtboards 304 stainless steel, #4 polished	F	
Skirtboards 304 stainless steel, #4 polished with cover	G	
Skirtboards 316 stainless steel	H	
Skirtboards 316 stainless steel, with cover	J	
Skirtboards 316 stainless steel, #4 polished	K	
Skirtboards 316 stainless steel, #4 polished with cover	L	
Horseshoe inlet		
304 stainless steel	M	
304 stainless steel, #4 polished	N	
316 stainless steel	P	
316 stainless steel, #4 polished	Q	
Load cell		
Nickel plated steel		
10 kg (22 lb)	0	
15 kg (33 lb)	1	
20 kg (44 lb)	2	
30 kg (66 lb)	3	
50 kg (110 lb)	4	
Stainless steel, hermetically sealed		
6 kg (13.2 lb)	5	
12 kg (26.5 lb)	6	
30 kg (66.1 lb)	7	
Speed sensor		
Shaft mounted		
1 000 PPR optical encoder	1	
2 500 PPR optical encoder	2	
1 000 PPR optical encoder, stainless steel	4	
2 500 PPR optical encoder, stainless steel	5	
Drive configuration		
Add order code Y75 (reduction ratio) and Y76 (electrical style).		
Standard AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	0 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	0 H	
Food grade AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	4 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	4 H	
Belting		
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved	A	
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with B-section flange walls	B	
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls	C	
Silicone, HT 177 °C (350 °F), anti-static 45 PIW, 2 ply, FDA approved	D	
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved	K	
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with B-section flange walls	L	
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls	M	
Belt change access side (looking from inlet to discharge)		
Left hand	0	
Right hand	1	

Selection and ordering data	Order code
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)	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)	Y75
AC gearmotor electrical style: enter IEC, UL-R/CSA or CCC style	Y76
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	Y01
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
Class I, Div. 1, Groups C and D; Class II, Div. 1, Groups F and G, approved electrical components; without junction boxes	E90
ATEX II 2D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E91
ATEX II 2D approved electrical components; only available with speed encoder option 4 and 5; with Stainless steel junction boxes	E92
ATEX II 3D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E93
Note: weighfeeder does not carry hazardous approval, only motor, loadcells, speed encoder, and tracking switches; approval not available with load cell options 0 ... 4 or motor options 4C ... 4H ³⁾	G11
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ¹⁾	G12
Pointek CLS100 Capacitance switch for plugged discharge chute detection	G14
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	G18
Blue colored belt, anti-static, 2 ply, FDA approved	G19
Secondary speed encoder at motor (not for hazardous areas; not suitable for use with integrator)	G20
Motor corrosion protection C5 acc. EN 12944 (available with standard AC motor)	H50
Discharge dust hood, painted mild steel with de-dust port	H51
Discharge dust hood, 304 stainless steel with de-dust port	H52
Discharge dust hood, 316 stainless steel with de-dust port	Y99
Custom design Specify quote reference when ordering	
Operating instructions	
All literature is available to download for free, in a range of languages, at	
http://www.siemens.com/weighing/documentation	

¹⁾ Available with material containment options D ... L only.²⁾ 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.³⁾ Available with drive configuration standard motor options only, all motors suitable for 400 V operation only.

Weighfeeders

SITRANS WW200

Open style

Selection and ordering data

SITRANS WW200, open style

High accuracy solids weighfeeder for low to medium capacity applications.

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

Add order code Y71 ... Y76 for all models to specify design data.

304 stainless steel, open style, with C/L infeed to C/L discharge

12 inch (305 mm) belt width

52 inch (1 321 mm)

Article No.

7MH7301-



60 inch (1 524 mm)

0 A

68 inch (1 727 mm)

0 B

76 inch (1 930 mm)

0 C

84 inch (2 134 mm)

0 D

92 inch (2 337 mm)

0 E

100 inch (2 540 mm)

0 F

108 inch (2 743 mm)

0 G

116 inch (2 946 mm)

0 H

18 inch (457 mm) belt width

52 inch (1 321 mm)

1 A

60 inch (1 524 mm)

1 B

68 inch (1 727 mm)

1 C

76 inch (1 930 mm)

1 D

84 inch (2 134 mm)

1 E

92 inch (2 337 mm)

1 F

100 inch (2 540 mm)

1 G

108 inch (2 743 mm)

1 H

116 inch (2 946 mm)

1 J

24 inch (610 mm) belt width

52 inch (1 321 mm)

2 A

60 inch (1 524 mm)

2 B

68 inch (1 727 mm)

2 C

76 inch (1 930 mm)

2 D

84 inch (2 134 mm)

2 E

92 inch (2 337 mm)

2 F

100 inch (2 540 mm)

2 G

108 inch (2 743 mm)

2 H

116 inch (2 946 mm)

2 J

30 inch (762 mm) belt width

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

Article No.

SITRANS WW200, open style

High accuracy solids weighfeeder for low to medium capacity applications.

SITRANS WW200, open style

High accuracy solids weighfeeder for low to medium capacity applications.

36 inch (914 mm) belt width

52 inch (1 321 mm)

Article No.

7MH7301-



4 A

60 inch (1 524 mm)

4 B

68 inch (1 727 mm)

4 C

76 inch (1 930 mm)

4 D

84 inch (2 134 mm)

4 E

92 inch (2 337 mm)

4 F

100 inch (2 540 mm)

4 G

108 inch (2 743 mm)

4 H

116 inch (2 946 mm)

4 J

42 inch (1 067 mm) belt width

52 inch (1 321 mm)

5 A

60 inch (1 524 mm)

5 B

68 inch (1 727 mm)

5 C

76 inch (1 930 mm)

5 D

84 inch (2 134 mm)

5 E

92 inch (2 337 mm)

5 F

100 inch (2 540 mm)

5 G

108 inch (2 743 mm)

5 H

116 inch (2 946 mm)

5 J

48 inch (1 219 mm) belt width

52 inch (1 321 mm)

6 A

60 inch (1 524 mm)

6 B

68 inch (1 727 mm)

6 C

76 inch (1 930 mm)

6 D

84 inch (2 134 mm)

6 E

92 inch (2 337 mm)

6 F

100 inch (2 540 mm)

6 G

108 inch (2 743 mm)

6 H

116 inch (2 946 mm)

6 J

Selection and ordering data	Article No.	Article No.
SITRANS WW200, open style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7301- 	7MH7301- 
Material containment construction		
None	A	
Add order code Y74 and plain text: "Arc radius in inches ... XX.XXX" for options D ... L	D E F G H J K L	0 C 0 D 0 G 0 H
Shear gate inlet	M N P Q	4 C 4 D 4 G 4 H
Skirtboards 304 stainless steel	5	A
Skirtboards 304 stainless steel, with cover	6	B
Skirtboards 304 stainless steel, #4 polished	7	C
Skirtboards 304 stainless steel, #4 polished with cover		D
Skirtboards 316 stainless steel		E
Skirtboards 316 stainless steel, with cover		F
Skirtboards 316 stainless steel, #4 polished		G
Skirtboards 316 stainless steel, #4 polished with cover		H
Horseshoe inlet		
304 stainless steel		I
304 stainless steel, #4 polished		J
316 stainless steel		K
316 stainless steel, #4 polished		L
Load cell		M
6 kg (13.2 lb) stainless steel, hermetically sealed	1	N
12 kg (26.5 lb) stainless steel, hermetically sealed	2	O
30 kg (66.1 lb) stainless steel, hermetically sealed	4	P
Speed sensor	5	Q
Shaft mounted		
1 000 PPR optical encoder		R
2 500 PPR optical encoder		S
1 000 PPR optical encoder, stainless steel		T
2 500 PPR optical encoder, stainless steel		U
Drive configuration		
High accuracy solids weighfeeder for low to medium capacity applications.		
Standard AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz		0 C
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz		0 D
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz		0 G
1 HP (0.75 kW) 575 V 3 ph 60 Hz		0 H
Food grade AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz		4 C
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz		4 D
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz		4 G
1 HP (0.75 kW) 575 V 3 ph 60 Hz		4 H
Belting		
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved		A
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with B-section flange walls		B
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls		C
Silicone, HT 177 °C (350 °F), anti-static 45 PIW, 2 ply, FDA approved		D
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved		K
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with B-section flange walls		L
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls		M
Belt change access side (looking from inlet to discharge)		
Left hand		0
Right hand		1

Weighfeeders

SITRANS WW200

Open style

Selection and ordering data	Order code
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)	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)	Y75
AC gearmotor electrical style: enter IEC, UL-R/CSA or CCC style	Y76
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	Y01
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
Class I, Div. 1, Groups C and D; Class II, Div. 1, Groups F and G, approved electrical components; without junction boxes	E90
ATEX II 2D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E91
ATEX II 2D approved electrical components; only available with speed encoder option 4 and 5; with Stainless steel junction boxes	E92
ATEX II 3D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E93
Note: weighfeeder does not carry hazardous approval, only motor, loadcells, speed encoder, and tracking switches; approval not available with load cell options 0 ... 4 or motor options 4C ... 4H ³⁾	G11
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ¹⁾	G12
Pointek CLS100 Capacitance switch for plugged discharge chute detection	G14
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	G18
Blue colored belt, anti-static, 2 ply, FDA approved	G19
Secondary speed encoder at motor (not for hazardous areas; not suitable for use with integrator)	G20
Motor corrosion protection C5 acc. EN 12944 (available with standard AC motor)	H50
Discharge dust hood, painted mild steel with de-dust port	H51
Discharge dust hood, 304 stainless steel with de-dust port	H52
Custom design Specify quote reference when ordering	Y99
Operating instructions	
All literature is available to download for free, in a range of languages, at	
http://www.siemens.com/weighing/documentation	

¹⁾ Available with material containment options D ... L only.²⁾ 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.³⁾ Available with Drive Configuration standard motor options only, all motors. suitable for 400 V operation only.

Selection and ordering data	Article No.	Article No.
SITRANS WW200, open style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7302- 	7MH7302-
↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.		
Add order code Y71 ... Y76 for all models to specify design data.		
316 stainless steel, open style, with C/L infeed to C/L discharge		
<u>12 inch (305 mm) belt width</u>		
52 inch (1 321 mm)	0 A	52 inch (1 321 mm)
60 inch (1 524 mm)	0 B	60 inch (1 524 mm)
68 inch (1 727 mm)	0 C	68 inch (1 727 mm)
76 inch (1 930 mm)	0 D	76 inch (1 930 mm)
84 inch (2 134 mm)	0 E	84 inch (2 134 mm)
92 inch (2 337 mm)	0 F	92 inch (2 337 mm)
100 inch (2 540 mm)	0 G	100 inch (2 540 mm)
108 inch (2 743 mm)	0 H	108 inch (2 743 mm)
116 inch (2 946 mm)	0 J	116 inch (2 946 mm)
<u>18 inch (457 mm) belt width</u>		
52 inch (1 321 mm)	1 A	52 inch (1 321 mm)
60 inch (1 524 mm)	1 B	60 inch (1 524 mm)
68 inch (1 727 mm)	1 C	68 inch (1 727 mm)
76 inch (1 930 mm)	1 D	76 inch (1 930 mm)
84 inch (2 134 mm)	1 E	84 inch (2 134 mm)
92 inch (2 337 mm)	1 F	92 inch (2 337 mm)
100 inch (2 540 mm)	1 G	100 inch (2 540 mm)
108 inch (2 743 mm)	1 H	108 inch (2 743 mm)
116 inch (2 946 mm)	1 J	116 inch (2 946 mm)
<u>24 inch (610 mm) belt width</u>		
52 inch (1 321 mm)	2 A	52 inch (1 321 mm)
60 inch (1 524 mm)	2 B	60 inch (1 524 mm)
68 inch (1 727 mm)	2 C	68 inch (1 727 mm)
76 inch (1 930 mm)	2 D	76 inch (1 930 mm)
84 inch (2 134 mm)	2 E	84 inch (2 134 mm)
92 inch (2 337 mm)	2 F	92 inch (2 337 mm)
100 inch (2 540 mm)	2 G	100 inch (2 540 mm)
108 inch (2 743 mm)	2 H	108 inch (2 743 mm)
116 inch (2 946 mm)	2 J	116 inch (2 946 mm)
<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	

Weighfeeders

SITRANS WW200

Open style

Selection and ordering data	Article No.	Article No.
SITRANS WW200, open style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7302-	7MH7302-
Material containment construction		
None	A	A
Add order code Y74 and plain text: "Arc radius in inches ... XX.XXX inch" for options H ... L		
Shear gate inlet		
Skirtboards 316 stainless steel	H	
Skirtboards 316 stainless steel, with cover	J	
Skirtboards 316 stainless steel, #4 polished	K	
Skirtboards 316 stainless steel, #4 polished with cover	L	
Horseshoe inlet		
316 stainless steel	P	
316 stainless steel, #4 polished	Q	
Load cell		
6 kg (13.2 lb) stainless steel, hermetically sealed	5	
12 kg (26.5 lb) stainless steel, hermetically sealed	6	
30 kg (66.1 lb) stainless steel, hermetically sealed	7	
Speed sensor		
Shaft mounted		
1 000 PPR optical encoder	1	
2 500 PPR optical encoder	2	
1 000 PPR optical encoder, stainless steel	4	
2 500 PPR optical encoder, stainless steel	5	
Drive configuration		
Add order code Y75 (reduction ratio) and Y76 (electrical style).		
Standard AC motor		
0.5 HP (0.37 kW)	0 C	
220 ... 240/380 ... 480 V 3 ph 50/60 Hz		
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	0 D	
1 HP (0.75 kW)	0 G	
220 ... 240/380 ... 480 V 3 ph 50/60 Hz		
1 HP (0.75 kW) 575 V 3 ph 60 Hz	0 H	
Food grade AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	4 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	4 H	
Belt change access side (looking from inlet to discharge)		
Left hand		0
Right hand		1

Selection and ordering data	Order code
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) ¹⁾	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)	Y75
AC gearmotor electrical style: enter IEC, UL-R/CSA or CCC style	Y76
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	Y01
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
Class I, Div. 1, Groups C and D; Class II, Div. 1, Groups F and G, approved electrical components; without junction boxes	E90
ATEX II 2D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E91
ATEX II 2D approved electrical components; only available with speed encoder option 4 and 5; with Stainless steel junction boxes	E92
ATEX II 3D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E93
Note: weighfeeder does not carry hazardous approval, only motor, loadcells, speed encoder, and tracking switches; approval not available with load cell options 0 ... 4 or motor options 4C ... 4H ³⁾	
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ¹⁾	G11
Pointek CLS100 Capacitance switch for plugged discharge chute detection	G12
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	G14
Blue colored belt, anti-static, 2 ply, FDA approved	G18
Secondary speed encoder at motor (not for hazardous areas; not suitable for use with integrator)	G19
Motor corrosion protection C5 acc. EN 12944 (available with standard AC motor)	G20
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 Specify quote reference when ordering	Y99
Operating instructions	
All literature is available to download for free, in a range of languages, at	

<http://www.siemens.com/weighing/documentation>

¹⁾ Available with material containment options H ... L only.

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

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

Weightfeeders

SITRANS WW200

Enclosed style

Selection and ordering data

SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications.

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

Add order code Y71 ... Y76 for all models to specify design data.

Painted mild 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)

Article No.

7MH7303-

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	

Article No.

7MH7303-

SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications.

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)

Selection and ordering data	Article No.	Article No.
SITRANS WW200, enclosed style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7303- 	7MH7303-
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	D	
Skirtboards 304 stainless steel, with cover	E	
Skirtboards 304 stainless steel, #4 polished	F	
Skirtboards 304 stainless steel, #4 polished with cover	G	
Skirtboards 316 stainless steel	H	
Skirtboards 316 stainless steel, with cover	J	
Skirtboards 316 stainless steel, #4 polished	K	
Skirtboards 316 stainless steel, #4 polished with cover	L	
Load cell		
Nickel plated steel		
10 kg (22 lb)	0	
15 kg (33 lb)	1	
20 kg (44 lb)	2	
30 kg (66 lb)	3	
50 kg (110 lb)	4	
Stainless steel		
6 kg (13.2 lb) hermetically sealed	5	
12 kg (26.5 lb) hermetically sealed	6	
30 kg (66.1 lb) hermetically sealed	7	
Speed sensor		
Shaft mounted		
1 000 PPR optical encoder	1	
2 500 PPR optical encoder	2	
1 000 PPR optical encoder, stainless steel	4	
2 500 PPR optical encoder, stainless steel	5	
Drive configuration		
High accuracy solids weighfeeder for low to medium capacity applications.		
Standard AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	0 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	0 H	
Food grade AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	4 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	4 H	
Belting		
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved	A	
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with B-section flange walls	B	
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls	C	
Silicone, HT 177 °C (350 °F), anti-static 45 PIW, 2 ply, FDA approved	D	
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved	K	
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with B-section flange walls	L	
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls	M	
Belt change access side (looking from inlet to discharge)		
Left hand	0	
Right hand	1	

Weightfeeders

SITRANS WW200

Enclosed style

Selection and ordering data	Order code
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) ¹⁾	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)	Y75
AC gearmotor electrical style: enter IEC, UL-R/CSA or CCC style	Y76
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	Y01
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
Class I, Div. 1, Groups C and D; Class II, Div. 1, Groups F and G, approved electrical components; without junction boxes	E90
ATEX II 2D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E91
ATEX II 2D approved electrical components; only available with speed encoder option 4 and 5; with Stainless steel junction boxes	E92
ATEX II 3D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E93
Note: weighfeeder does not carry hazardous approval, only motor, loadcells, speed encoder, and tracking switches; approval not available with load cell options 0 ... 4 or motor options 4C ... 4H ³⁾	G11
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ¹⁾	G12
Pointek CLS100 Capacitance switch for plugged discharge chute detection	G14
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	G18
Blue colored belt, anti-static, 2 ply, FDA approved	G19
Secondary speed encoder at motor (not for hazardous areas; not suitable for use with integrator)	G20
Motor corrosion protection C5 acc. EN 12944 (available with standard AC motor)	
Custom design	Y99
Specify quote reference when ordering	
Operating instructions	
All literature is available to download for free, in a range of languages, at	
http://www.siemens.com/weighing/documentation	

¹⁾ Available with material containment options D ... L only.

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

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

Selection and ordering data

Article No.

Article No.

SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications.

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

Add order code Y71 ... Y76 for all models to specify design data.

304 stainless steel frame with painted mild steel enclosure style with C/L infeed to C/L discharge12 inch (305 mm) belt width

52 inch (1 321 mm)

0 A

60 inch (1 524 mm)

0 B

68 inch (1 727 mm)

0 C

76 inch (1 930 mm)

0 D

184 inch (2 134 mm)

0 E

92 inch (2 337 mm)

0 F

100 inch (2 540 mm)

0 G

108 inch (2 743 mm)

0 H

116 inch (2 946 mm)

0 J18 inch (457 mm) belt width

52 inch (1 321 mm)

1 A

60 inch (1 524 mm)

1 B

68 inch (1 727 mm)

1 C

76 inch (1 930 mm)

1 D

84 inch (2 134 mm)

1 E

92 inch (2 337 mm)

1 F

100 inch (2 540 mm)

1 G

108 inch (2 743 mm)

1 H

116 inch (2 946 mm)

1 J24 inch (610 mm) belt width

52 inch (1 321 mm)

2 A

60 inch (1 524 mm)

2 B

68 inch (1 727 mm)

2 C

76 inch (1 930 mm)

2 D

84 inch (2 134 mm)

2 E

92 inch (2 337 mm)

2 F

100 inch (2 540 mm)

2 G

108 inch (2 743 mm)

2 H

116 inch (2 946 mm)

2 J30 inch (762 mm) belt width

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 WW200, enclosed style**

High accuracy solids weighfeeder for low to medium capacity applications.

36 inch (914 mm) belt width

52 inch (1 321 mm)

4 A

60 inch (1 524 mm)

4 B

68 inch (1 727 mm)

4 C

76 inch (1 930 mm)

4 D

84 inch (2 134 mm)

4 E

92 inch (2 337 mm)

4 F

100 inch (2 540 mm)

4 G

108 inch (2 743 mm)

4 H

116 inch (2 946 mm)

4 J42 inch (1 067 mm) belt width

52 inch (1 321 mm)

5 A

60 inch (1 524 mm)

5 B

68 inch (1 727 mm)

5 C

76 inch (1 930 mm)

5 D

84 inch (2 134 mm)

5 E

92 inch (2 337 mm)

5 F

100 inch (2 540 mm)

5 G

108 inch (2 743 mm)

5 H

116 inch (2 946 mm)

5 J48 inch (1 219 mm) belt width

52 inch (1 321 mm)

6 A

60 inch (1 524 mm)

6 B

68 inch (1 727 mm)

6 C

76 inch (1 930 mm)

6 D

84 inch (2 134 mm)

6 E

92 inch (2 337 mm)

6 F

100 inch (2 540 mm)

6 G

108 inch (2 743 mm)

6 H

116 inch (2 946 mm)

6 J

Weighfeeders SITRANS WW200

Enclosed style

Selection and ordering data		Article No.	Article No.
SITRANS WW200, enclosed style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7304-		7MH7304-
Material containment construction Add order code Y74 and plain text: "Arc radius in inches ... XX.XXX inch" for options D ... L	D E F G H J K L	5 6 7	A B C D K L M
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		5 6 7	0 1 0
Speed sensor Shaft mounted 1 000 PPR optical encoder 2 500 PPR optical encoder 1 000 PPR optical encoder, stainless steel 2 500 PPR optical encoder, stainless steel		1 2 4 5	1
Drive configuration Add order code Y75 (reduction ratio) and Y76 (electrical style).			
Standard AC motor 0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 0.5 HP (0.37 kW) 575 V 3 ph 60 Hz 1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz 1 HP (0.75 kW) 575 V 3 ph 60 Hz		0 C 0 D 0 G 0 H	0 0 0 0
Food grade AC motor 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		4 C 4 D 4 G 4 H	1 1 1 1

Selection and ordering data	Order code
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) ¹⁾	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)	Y75
AC gearmotor electrical style: enter IEC, UL-R/CSA or CCC style	Y76
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	Y01
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
Class I, Div. 1, Groups C and D; Class II, Div. 1, Groups F and G, approved electrical components; without junction boxes	E90
ATEX II 2D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E91
ATEX II 2D approved electrical components; only available with speed encoder option 4 and 5; with Stainless steel junction boxes	E92
ATEX II 3D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E93
Note: weighfeeder does not carry hazardous approval, only motor, loadcells, speed encoder, and tracking switches; approval not available with load cell options 0 ... 4 or motor options 4C ... 4H ³⁾	G11
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ¹⁾	G12
Pointek CLS100 Capacitance switch for plugged discharge chute detection	G14
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	G18
Blue colored belt, anti-static, 2 ply, FDA approved	G19
Secondary speed encoder at motor (not for hazardous areas; not suitable for use with integrator)	G20
Motor corrosion protection C5 acc. EN 12944 (available with standard AC motor)	Y99
Custom design Specify quote reference when ordering	
Operating instructions	
All literature is available to download for free, in a range of languages, at	
http://www.siemens.com/weighing/documentation	

¹⁾ Available with material containment options D ... L only.²⁾ 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.³⁾ Available with Drive Configuration standard motor options only; all motors suitable for 400 V operation only.

Weighfeeders

SITRANS WW200

Enclosed style

Selection and ordering data	Article No.	Article No.
SITRANS WW200, enclosed style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7305- 	7MH7305-
↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal. Add order code Y71 ... Y76 for all models to specify design data.		
304 stainless steel frame with 304 stainless steel enclosure style with C/L infeed to C/L discharge		
<u>12 inch (305 mm) belt width</u>		
52 inch (1 321 mm)	0 A	
60 inch (1 524 mm)	0 B	
68 inch (1 727 mm)	0 C	
76 inch (1 930 mm)	0 D	
84 inch (2 134 mm)	0 E	
92 inch (2 337 mm)	0 F	
100 inch (2 540 mm)	0 G	
108 inch (2 743 mm)	0 H	
116 inch (2 946 mm)	0 J	
<u>18 inch (457 mm) belt width</u>		
52 inch (1 321 mm)	1 A	
60 inch (1 524 mm)	1 B	
68 inch (1 727 mm)	1 C	
76 inch (1 930 mm)	1 D	
84 inch (2 134 mm)	1 E	
92 inch (2 337 mm)	1 F	
100 inch (2 540 mm)	1 G	
108 inch (2 743 mm)	1 H	
116 inch (2 946 mm)	1 J	
<u>24 inch (610 mm) belt width</u>		
52 inch (1 321 mm)	2 A	
60 inch (1 524 mm)	2 B	
68 inch (1 727 mm)	2 C	
76 inch (1 930 mm)	2 D	
84 inch (2 134 mm)	2 E	
92 inch (2 337 mm)	2 F	
100 inch (2 540 mm)	2 G	
108 inch (2 743 mm)	2 H	
116 inch (2 946 mm)	2 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	
<u>36 inch (914 mm) belt width</u>		
52 inch (1 321 mm)		4 A
60 inch (1 524 mm)		4 B
68 inch (1 727 mm)		4 C
76 inch (1 930 mm)		4 D
84 inch (2 134 mm)		4 E
92 inch (2 337 mm)		4 F
100 inch (2 540 mm)		4 G
108 inch (2 743 mm)		4 H
116 inch (2 946 mm)		4 J
<u>42 inch (1 067 mm) belt width</u>		
52 inch (1 321 mm)		5 A
60 inch (1 524 mm)		5 B
68 inch (1 727 mm)		5 C
76 inch (1 930 mm)		5 D
84 inch (2 134 mm)		5 E
92 inch (2 337 mm)		5 F
100 inch (2 540 mm)		5 G
108 inch (2 743 mm)		5 H
116 inch (2 946 mm)		5 J
<u>48 inch (1 219 mm) belt width</u>		
52 inch (1 321 mm)		6 A
60 inch (1 524 mm)		6 B
68 inch (1 727 mm)		6 C
76 inch (1 930 mm)		6 D
84 inch (2 134 mm)		6 E
92 inch (2 337 mm)		6 F
100 inch (2 540 mm)		6 G
108 inch (2 743 mm)		6 H
116 inch (2 946 mm)		6 J

Selection and ordering data	Article No.	Article No.
SITRANS WW200, enclosed style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7305- 	7MH7305- 
Material containment construction		
Add order code Y74 and plain text: "Arc radius in inches ... XX.XXX inch" for options D ... L		
<u>Shear gate inlet</u>		
Skirtboards 304 stainless steel	D	A
Skirtboards 304 stainless steel, with cover	E	B
Skirtboards 304 stainless steel, #4 polished	F	C
Skirtboards 304 stainless steel, #4 polished with cover	G	D
Skirtboards 316 stainless steel	H	K
Skirtboards 316 stainless steel, with cover	J	L
Skirtboards 316 stainless steel, #4 polished	K	
Skirtboards 316 stainless steel, #4 polished with cover	L	M
Load cell		
6 kg (13.2 lb) stainless steel, hermetically sealed	5	
12 kg (26.5 lb) stainless steel, hermetically sealed	6	
30 kg (66.1 lb) stainless steel, hermetically sealed	7	
Speed sensor		
<u>Shaft mounted</u>		
1 000 PPR optical encoder	1	
2 500 PPR optical encoder	2	
1 000 PPR optical encoder, stainless steel	4	
2 500 PPR optical encoder, stainless steel	5	
Drive configuration		
Add order code Y75 (reduction ratio) and Y76 (electrical style).		
<u>Standard AC motor</u>		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	0 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	0 H	
<u>Food grade AC motor</u>		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	4 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	4 H	
Belt change access side (looking from inlet to discharge)		
Left hand		0
Right hand		1

Weighfeeders

SITRANS WW200

Enclosed style

Selection and ordering data	Order code
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) ¹⁾	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)	Y75
AC gearmotor electrical style: enter IEC, UL-R/CSA or CCC style	Y76
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	Y01
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
Class I, Div. 1, Groups C and D; Class II, Div. 1, Groups F and G, approved electrical components; without junction boxes	E90
ATEX II 2D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E91
ATEX II 2D approved electrical components; only available with speed encoder option 4 and 5; with Stainless steel junction boxes	E92
ATEX II 3D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E93
Note: weighfeeder does not carry hazardous approval, only motor, loadcells, speed encoder, and tracking switches; approval not available with load cell options 0 ... 4 or motor options 4C ... 4H ³⁾	G11
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ¹⁾	G12
Pointek CLS100 Capacitance switch for plugged discharge chute detection	G13
Siemens start/stop, auto/manual, speed control, hand held operator	G14
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	G18
Blue colored belt, anti-static, 2 ply, FDA approved	G19
Secondary speed encoder at motor (not for hazardous areas; not suitable for use with integrator)	G20
Motor corrosion protection C5 acc. EN 12944 (available with standard AC motor)	
Custom design	Y99
Specify quote reference when ordering	
Operating instructions	
All literature is available to download for free, in a range of languages, at	
http://www.siemens.com/weighing/documentation	

¹⁾ Available with material containment options D ... L only.

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

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

Selection and ordering data

Article No.

Article No.

SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications.

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

Add order code Y71 ... Y76 for all models to specify design data.

316 stainless steel frame with painted mild steel enclosure style with C/L infeed to C/L discharge12 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)

7MH7306-**7MH7306-****SITRANS WW200, enclosed style**

High accuracy solids weighfeeder for low to medium capacity applications.

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)

2 A**6 A****2 B****6 B****2 C****6 C****2 D****6 D****2 E****6 E****2 F****6 F****2 G****6 G****2 H****6 H****2 J****6 J****3 A****3 B****3 C****3 D****3 E****3 F****3 G****3 H****3 J**

Weighfeeders

SITRANS WW200

Enclosed style

Selection and ordering data	Article No.	Article No.
SITRANS WW200, enclosed style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7306- 	7MH7306- 
Add order code Y74 and plain text: "Arc radius in inches ... XX.XXX" for options H ... L		
Shear gate inlet		Belt
Skirtboards 316 stainless steel	H	Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved
Skirtboards 316 stainless steel, with cover	J	Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with B-section flange walls
Skirtboards 316 stainless steel, #4 polished	K	Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls
Skirtboards 316 stainless steel, #4 polished with cover	L	Silicone, HT 177 °C (350 °F), anti-static 45 PIW, 2 ply, FDA approved
Load cell	5	Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved
6 kg (13.2 lb) stainless steel, hermetically sealed	6	Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with B-section flange walls
12 kg (26.5 lb) stainless steel, hermetically sealed	7	Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls
30 kg (66.1 lb) stainless steel, hermetically sealed		
Speed sensor		
Shaft mounted		Belt change access side (looking from inlet to discharge)
1 000 PPR optical encoder	1	Left hand
2 500 PPR optical encoder	2	Right hand
1 000 PPR optical encoder, stainless steel	4	
2 500 PPR optical encoder, stainless steel	5	
Drive configuration		
Add order code Y75 (reduction ratio) and Y76 (electrical style).		
Standard AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	0 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	0 H	
Food grade AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	4 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	4 H	

Selection and ordering data	Order Code
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) ¹⁾	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)	Y75
AC gearmotor electrical style: enter IEC, UL-R/CSA or CCC style	Y76
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	Y01
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
Class I, Div. 1, Groups C and D; Class II, Div. 1, Groups F and G, approved electrical components; without junction boxes	E90
ATEX II 2D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E91
ATEX II 2D approved electrical components; only available with speed encoder option 4 and 5; with Stainless steel junction boxes	E92
ATEX II 3D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E93
Note: weighfeeder does not carry hazardous approval, only motor, loadcells, speed encoder, and tracking switches; approval not available with load cell options 0 ... 4 or motor options 4C ... 4H ³⁾	G11
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ¹⁾	G12
Pointek CLS100 Capacitance switch for plugged discharge chute detection	G14
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	G18
Blue colored belt, anti-static, 2 ply, FDA approved	G19
Secondary speed encoder at motor (not for hazardous areas; not suitable for use with integrator)	G20
Motor corrosion protection C5 acc. EN 12944 (available with standard AC motor)	Y99
Custom design Specify quote reference when ordering	
Operating instructions	
All literature is available to download for free, in a range of languages, at	
http://www.siemens.com/weighing/documentation	

¹⁾ Available with material containment options H ... L only.²⁾ 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.³⁾ Available with Drive Configuration standard motor options only, all motors suitable for 400 V operation only.

Weighfeeders

SITRANS WW200

Enclosed style

Selection and ordering data

SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications.

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

Add order code Y71 ... Y76 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)

Article No.

7MH7307-



60 inch (1 524 mm)

0 A

68 inch (1 727 mm)

0 B

76 inch (1 930 mm)

0 C

84 inch (2 134 mm)

0 D

92 inch (2 337 mm)

0 E

100 inch (2 540 mm)

0 F

108 inch (2 743 mm)

0 G

116 inch (2 946 mm)

0 H

12 inch (305 mm) belt width

52 inch (1 321 mm)

0 I

60 inch (1 524 mm)

0 J

68 inch (1 727 mm)

1 A

76 inch (1 930 mm)

1 B

84 inch (2 134 mm)

1 C

92 inch (2 337 mm)

1 D

100 inch (2 540 mm)

1 E

108 inch (2 743 mm)

1 F

116 inch (2 946 mm)

1 G

18 inch (457 mm) belt width

52 inch (1 321 mm)

1 H

60 inch (1 524 mm)

1 I

68 inch (1 727 mm)

1 J

76 inch (1 930 mm)

2 A

84 inch (2 134 mm)

2 B

92 inch (2 337 mm)

2 C

100 inch (2 540 mm)

2 D

108 inch (2 743 mm)

2 E

116 inch (2 946 mm)

2 F

24 inch (610 mm) belt width

52 inch (1 321 mm)

2 G

60 inch (1 524 mm)

2 H

68 inch (1 727 mm)

2 I

76 inch (1 930 mm)

2 J

84 inch (2 134 mm)

3 A

92 inch (2 337 mm)

3 B

100 inch (2 540 mm)

3 C

108 inch (2 743 mm)

3 D

116 inch (2 946 mm)

3 E

52 inch (1 321 mm)

3 F

60 inch (1 524 mm)

3 G

68 inch (1 727 mm)

3 H

76 inch (1 930 mm)

3 I

84 inch (2 134 mm)

3 J

SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications.

36 inch (914 mm) belt width

52 inch (1 321 mm)

Article No.

7MH7307-



60 inch (1 524 mm)

4 A

68 inch (1 727 mm)

4 B

76 inch (1 930 mm)

4 C

84 inch (2 134 mm)

4 D

92 inch (2 337 mm)

4 E

100 inch (2 540 mm)

4 F

108 inch (2 743 mm)

4 G

116 inch (2 946 mm)

4 H

42 inch (1 067 mm) belt width

52 inch (1 321 mm)

5 A

60 inch (1 524 mm)

5 B

68 inch (1 727 mm)

5 C

76 inch (1 930 mm)

5 D

84 inch (2 134 mm)

5 E

92 inch (2 337 mm)

5 F

100 inch (2 540 mm)

5 G

108 inch (2 743 mm)

5 H

116 inch (2 946 mm)

5 J

48 inch (1 219 mm) belt width

52 inch (1 321 mm)

6 A

60 inch (1 524 mm)

6 B

68 inch (1 727 mm)

6 C

76 inch (1 930 mm)

6 D

84 inch (2 134 mm)

6 E

92 inch (2 337 mm)

6 F

100 inch (2 540 mm)

6 G

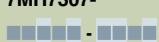
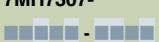
108 inch (2 743 mm)

6 H

116 inch (2 946 mm)

6 J

Enclosed style

Selection and ordering data	Article No.	Article No.
SITRANS WW200, enclosed style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7307- 	7MH7307- 
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	H	
Shear gate inlet and skirtboards 316 stainless steel, with cover	J	
Shear gate inlet and skirtboards 316 stainless steel, #4 polished	K	
Shear gate inlet and skirtboards 316 stainless steel, #4 polished with cover	L	
Load cell		
6 kg (13.2 lb) stainless steel, hermetically sealed	5	
12 kg (26.5 lb) stainless steel, hermetically sealed	6	
30 kg (66.1 lb) stainless steel, hermetically sealed	7	
Speed sensor		
1 000 PPR shaft mounted optical encoder	1	
2 500 PPR shaft mounted optical encoder	2	
1 000 PPR shaft mounted optical encoder, stainless steel	4	
2 500 PPR shaft mounted optical encoder, stainless steel	5	
Drive configuration		
Add order code Y75 (reduction ratio) and Y76 (electrical style).	0 C	
Standard AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 D	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	0 G	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 H	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	0 I	
Food grade AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	4 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	4 H	
Food grade AC motor, Aluminum		
0.5 HP (0.37 kW), 200 ... 240 V 1 ph, 50/60 Hz	4 C	
0.5 HP (0.37 kW), 380 ... 480 V, 3 ph, 50/60 Hz	4 D	
1 HP (0.75 kW), 200 ... 240 V 1 ph, 50/60 Hz	4 G	
1 HP (0.75 kW), 380 ... 480 V, 3 ph, 50/60 Hz	4 H	
Belting		
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved	A	
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with B-section flange walls	B	
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls	C	
Silicone, HT 177 °C (350 °F), anti-static 45 PIW, 2 ply, FDA approved	D	
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved	K	
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with B-section flange walls	L	
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls	M	
Belt change access side (looking from inlet to discharge)		
Left hand	0	
Right hand	1	

Weighfeeders

SITRANS WW200

Enclosed style

Selection and ordering data	Order code
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) ¹⁾	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)	Y75
AC gearmotor electrical style: enter IEC, UL-R/CSA or CCC style	Y76
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	Y01
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
Class I, Div. 1, Groups C and D; Class II, Div. 1, Groups F and G, approved electrical components; without junction boxes	E90
ATEX II 2D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E91
ATEX II 2D approved electrical components; only available with speed encoder option 4 and 5; with Stainless steel junction boxes	E92
ATEX II 3D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E93
Note: weighfeeder does not carry hazardous approval, only motor, loadcells, speed encoder, and tracking switches; approval not available with load cell options 0 ... 4 or motor options 4C ... 4H ³⁾	G11
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ¹⁾	G12
Pointek CLS100 Capacitance switch for plugged discharge chute detection	G14
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	G18
Blue colored belt, anti-static, 2 ply, FDA approved	G19
Secondary speed encoder at motor (not for hazardous areas; not suitable for use with integrator)	G20
Motor corrosion protection C5 acc. EN 12944 (available with standard AC motor)	
Custom design	
Specify quote reference when ordering	Y99
Operating instructions	
All literature is available to download for free, in a range of languages, at	
http://www.siemens.com/weighing/documentation	

¹⁾ Available with material containment options H ... L only.

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

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

Enclosed style**Selection and ordering data**

Article No.

Article No.

SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications.

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

Add order code Y71 ... Y76 for all models to specify design data.

316 stainless steel frame with 316 stainless steel enclosure style with C/L infeed to C/L discharge12 inch (305 mm) belt width

52 inch (1 321 mm)

0 A

60 inch (1 524 mm)

0 B

68 inch (1 727 mm)

0 C

76 inch (1 930 mm)

0 D

84 inch (2 134 mm)

0 E

92 inch (2 337 mm)

0 F

100 inch (2 540 mm)

0 G

108 inch (2 743 mm)

0 H

116 inch (2 946 mm)

0 J18 inch (457 mm) belt width

52 inch (1 321 mm)

1 A

60 inch (1 524 mm)

1 B

68 inch (1 727 mm)

1 C

76 inch (1 930 mm)

1 D

84 inch (2 134 mm)

1 E

92 inch (2 337 mm)

1 F

100 inch (2 540 mm)

1 G

108 inch (2 743 mm)

1 H

116 inch (2 946 mm)

1 J24 inch (610 mm) belt width

52 inch (1 321 mm)

2 A

60 inch (1 524 mm)

2 B

68 inch (1 727 mm)

2 C

76 inch (1 930 mm)

2 D

84 inch (2 134 mm)

2 E

92 inch (2 337 mm)

2 F

100 inch (2 540 mm)

2 G

108 inch (2 743 mm)

2 H

116 inch (2 946 mm)

2 J30 inch (762 mm) belt width

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 WW200, enclosed style**

High accuracy solids weighfeeder for low to medium capacity applications.

36 inch (914 mm) belt width

52 inch (1 321 mm)

4 A

60 inch (1 524 mm)

4 B

68 inch (1 727 mm)

4 C

76 inch (1 930 mm)

4 D

84 inch (2 134 mm)

4 E

92 inch (2 337 mm)

4 F

100 inch (2 540 mm)

4 G

108 inch (2 743 mm)

4 H

116 inch (2 946 mm)

4 J42 inch (1 067 mm) belt width

52 inch (1 321 mm)

5 A

60 inch (1 524 mm)

5 B

68 inch (1 727 mm)

5 C

76 inch (1 930 mm)

5 D

84 inch (2 134 mm)

5 E

92 inch (2 337 mm)

5 F

100 inch (2 540 mm)

5 G

108 inch (2 743 mm)

5 H

116 inch (2 946 mm)

5 J48 inch (1 219 mm) belt width

52 inch (1 321 mm)

6 A

60 inch (1 524 mm)

6 B

68 inch (1 727 mm)

6 C

76 inch (1 930 mm)

6 D

84 inch (2 134 mm)

6 E

92 inch (2 337 mm)

6 F

100 inch (2 540 mm)

6 G

108 inch (2 743 mm)

6 H

116 inch (2 946 mm)

6 J

Weightfeeders

SITRANS WW200

Enclosed style

Selection and ordering data	Article No.	Article No.
SITRANS WW200, enclosed style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7308- 	7MH7308- 
Material containment construction		
Add order code Y74 and plain text: "Arc radius in inches ... XX.XXX inch" for options H ... L		
Shear gate inlet		
Skirtboards 316 stainless steel	H	A
Skirtboards 316 stainless steel, with cover	J	B
Skirtboards 316 stainless steel, #4 polished	K	C
Skirtboards 316 stainless steel, #4 polished with cover	L	D
Load cell	5	K
6 kg (13.2 lb) stainless steel, hermetically sealed	6	L
12 kg (26.5 lb) stainless steel, hermetically sealed	7	M
30 kg (66.1 lb) stainless steel, hermetically sealed		
Speed sensor		
Shaft mounted		
1 000 PPR optical encoder	1	
2 500 PPR optical encoder	2	
1 000 PPR optical encoder, stainless steel	4	
2 500 PPR optical encoder, stainless steel	5	
Drive configuration		
Add order code Y75 (reduction ratio) and Y76 (electrical style).		
Standard AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	0 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	0 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	0 H	
Food grade AC motor		
0.5 HP (0.37 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 C	
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz	4 D	
1 HP (0.75 kW) 220 ... 240/380 ... 480 V 3 ph 50/60 Hz	4 G	
1 HP (0.75 kW) 575 V 3 ph 60 Hz	4 H	
Belt change access side (looking from inlet to discharge)		
Left hand		0
Right hand		1

Selection and ordering data	Order code
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) ¹⁾	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)	Y75
AC gearmotor electrical style: enter IEC, UL-R/CSA or CCC style	Y76
Custom length: Select next longest option and specify infeed CL to discharge CL in plain text (indicated inches or millimeters)	Y01
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
Class I, Div. 1, Groups C and D; Class II, Div. 1, Groups F and G, approved electrical components; without junction boxes	E90
ATEX II 2D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E91
ATEX II 2D approved electrical components; only available with speed encoder option 4 and 5; with Stainless steel junction boxes	E92
ATEX II 3D approved electrical components; only available with speed encoder option 1 and 2; with Aluminum junction boxes	E93
Note: weighfeeder does not carry hazardous approval, only motor, loadcells, speed encoder, and tracking switches; approval not available with load cell options 0 ... 4 or motor options 4C ... 4H ³⁾	G11
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ¹⁾	G12
Pointek CLS100 Capacitance switch for plugged discharge chute detection	G14
Belt cleaner, stainless steel, nylon brush, mounted under belt plow, cleaning dirty side of belt	G18
Blue colored belt, anti-static, 2 ply, FDA approved	G19
Secondary speed encoder at motor (not for hazardous areas; not suitable for use with integrator)	G20
Motor corrosion protection C5 acc. EN 12944 (available with standard AC motor)	
Custom design	Y99
Specify quote reference when ordering	
Operating instructions	
All literature is available to download for free, in a range of languages, at	
http://www.siemens.com/weighing/documentation	

¹⁾ Available with material containment options H ... L only.²⁾ 575 V versions meet 4:1 ct inverter rating, all other voltages meet 10:1.³⁾ Available with Drive Configuration standard motor options only, all motors suitable for 400 V operation only.

Weightfeeders

SITRANS WW200

Accessories and spare parts

Selection and ordering data	Article No.	Article No.
Accessories		
Test chain 1.62 lb/ft, 2.41 kg/m - 60 inches long	7MH7723-1NF	Enclosure latches stainless steel (includes 5 latches) 7MH7723-1QT
Start, Stop, Hand/Off/Auto, speed pot local operator station	7MH7723-1JA	Calibration chain 2.26 kg/m 7MH7723-1SK
E-stop push button, enclosed style	3SB3801-0DF3	Guide rollers 7MH7723-1SM
CLS100 plugged discharge chute retrofit kit (includes CLS100, material hood)	7MH7723-1JE	Spare Brush, 12 inch belt width 7MH7723-1SN
Calibration hanger weights		Spare Brush, 18 inch belt width 7MH7723-1SP
200 g (0.4 lb)	7MH7724-1AF	Spare Brush, 24 inch belt width 7MH7723-1SQ
500 g (1.1 lb)	7MH7724-1AG	Spare Brush, 30 inch belt width 7MH7723-1SR
1 000 g (2.2 lb)	7MH7724-1AH	Spare Brush, 36 inch belt width 7MH7723-1SS
2 000 g (4.4 lb)	7MH7724-1AJ	Spare Brush, 42 inch belt width 7MH7723-1ST
3 500 g (7.7 lb)	7MH7724-1BQ	Spare Brush, 48 inch belt width 7MH7723-1SU
5 000 g (11 lb)	7MH7724-1AK	Weighdeck Slider bar, PE-HD, 1 piece 7MH7723-1SV
7 500 g (16.5 lb)	7MH7724-1BR	Telescopers, set of 2, mild steel 7MH7723-1SW
8 500 g (18.7 lb)	7MH7724-1BS	Telescopers, set of 2, stainless steel 7MH7723-1SX
10 000 (22 lb)	7MH7724-1BT	Spare Motors
12 000 g (26.5 lb)	7MH7724-1BU	Available for WW200 weighfeeders, made in Canada prior to 2016, with separate motor and gearbox.
15 000 g (33.1 lb)	7MH7724-1BV	Motor, 0.25 HP (0.19 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph 7MH7723-1NG
Note: calibration accessories should be ordered as a separate item on the order.		Motor, 0.5 HP (0.37 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph 7MH7723-1NH
Spare parts		Motor, 0.75 HP (0.56 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph 7MH7723-1NJ
6 kg (13.2 lb) stainless steel load cell	7MH5117-1QD00	Motor, 1 HP (0.75 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph 7MH7723-1NK
12 kg (26.4 lb) stainless steel load cell	7MH5117-2BD00	Motor, 0.25 HP (0.19 kW) STD, 575 V – 60 Hz 3 ph 7MH7723-1NL
30 kg (66.2 lb) stainless steel load cell	7MH5117-2KD00	Motor, 0.5 HP (0.37 kW) STD, 575 V – 60 Hz 3 ph 7MH7723-1NM
10 kg (22 lb) nickel plated steel load cell	7MH7725-1EK	Motor, 0.75 HP (0.56 kW) STD, 575 V – 60 Hz 3 ph 7MH7723-1NN
15 kg (33.1 lb) nickel plated steel load cell	7MH7725-1EL	Motor, 1 HP (0.75 kW) STD, 575 V – 60 Hz 3 ph 7MH7723-1NP
20 kg (44 lb) nickel plated steel load cell	7MH7725-1EM	Motor, 0.25 HP (0.19 kW) epoxy coated, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph 7MH7723-1NQ
30 kg (66.2 lb) nickel plated steel load cell	7MH7725-1EN	Motor, 0.5 HP (0.37 kW) epoxy coated, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph 7MH7723-1NR
50 kg (110.2 lb) nickel plated steel load cell	7MH7725-1EP	Motor, 1 HP (0.75 kW) epoxy coated, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph 7MH7723-1NS
500 PPR optical encoder	6FX20012PA50	Motor, 0.25 HP (0.19 kW) epoxy coated, 575 V – 60 Hz 3 ph 7MH7723-1NT
1 000 PPR optical encoder	6FX20012PB00	Motor, 0.5 HP (0.37 kW) epoxy coated, 575 V – 60 Hz 3 ph 7MH7723-1NU
2 500 PPR optical encoder	6FX20012PC50	Motor, 1 HP (0.75 kW) epoxy coated, 575 V – 60 Hz 3 ph 7MH7723-1NW
Optical encoder connector	6FX20030SU12	Motor, 0.25 HP (0.19 kW) stainless steel, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph 7MH7723-1NX
Speed encoder plug-in with cable	7MH7723-1KM	Motor, 0.5 HP (0.37 kW) stainless steel, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph 7MH7723-1NY
Encoder, Stainless steel, 500 PPR	7MH7723-1HG	Motor, 1 HP (0.75 kW) stainless steel, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph 7MH7723-1PA
Speed Encoder, 1 000 ppr, stainless steel	7MH7723-1HH	
Speed Encoder, 2 500 ppr, stainless steel	7MH7723-1HJ	
Magnetic proximity switch	7MH7723-1GA	
Motor mounted sensor flange 56C	7MH7723-1RB	
Termination board for Junction Box	A5E03623963	
Belt tracking switch	3SE5112-0CR01	
Belt tracking switch, ATEX II 2D/Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G	7MH7723-1RA	
WW200 outline approval drawing	7MH7726-1BU	
Head bearing replacement kit mild steel (includes 2 bearings) ¹⁾	7MH7723-1QM	
Tail bearing replacement kit mild steel (includes 2 bearings) ¹⁾	7MH7723-1QN	
Head bearing replacement kit stainless steel (includes 2 bearings)	7MH7723-1QP	
Tail bearing replacement kit stainless steel (includes 2 bearings)	7MH7723-1QQ	
Skirtboard seal replacement kit, 7 meters	7MH7723-1QR	

Selection and ordering data

Article No.

Hazardous rated electrical spare parts**Optical encoders**

500 PPR optical encoder,
Class I, Div. 1, Groups C and D,
Class II, Div. 1, Groups F and G

7MH7723-1QU

1 000 PPR optical encoder,
Class I, Div. 1, Groups C and D,
Class II, Div. 1, Groups F and G

7MH7723-1QV

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

7MH7723-1QW

1 000 PPR optical encoder, ATEX II 2D

7MH7723-1QX

2 000 PPR optical encoder, ATEX II 2D

7MH7723-1QY**Spare motors**

Available for WW200 weighfeeders, made in Canada prior to 2016, with separate motor and gearbox.

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

7MH7723-1PB

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

7MH7723-1PC

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

7MH7723-1PD

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

7MH7723-1NV

Motor, 0.25 HP 0.19 kW,
Class I, Div. 1, Groups C and D, Class II, Div. 1,
Groups F and G, 575 V – 60 Hz 3 ph

7MH7723-1QA

Motor, 0.5 HP 0.37 kW,
Class I, Div. 1, Groups C and D, Class II, Div. 1,
Groups F and G, 575 V – 60 Hz 3 ph

7MH7723-1QB

Motor, 0.75 HP 0.56 kW,
Class I, Div. 1, Groups C and D, Class II, Div. 1,
Groups F and G, 575 V – 60 Hz 3 ph

7MH7723-1QC

Motor, 1 HP 0.75 kW,
Class I, Div. 1, Groups C and D, Class II, Div. 1,
Groups F and G, 575 V – 60 Hz 3 ph

7MH7723-1QD
¹⁾ Suitable for weighfeeders made in CA prior to 2016.

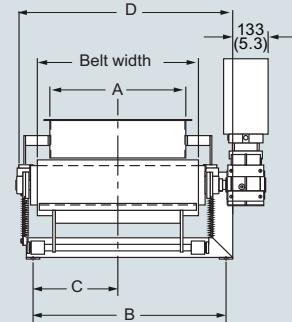
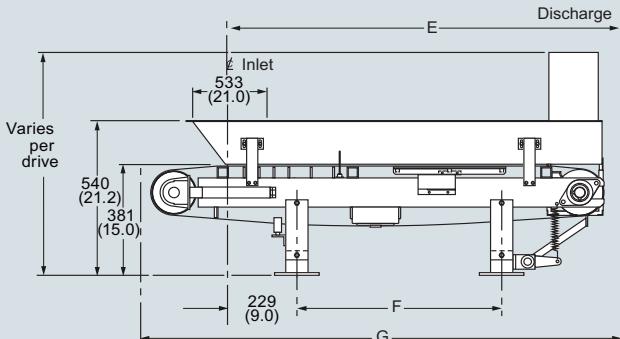
Weighfeeders

SITRANS WW200

Dimensional drawings and schematics

Dimensional drawings

Open Construction

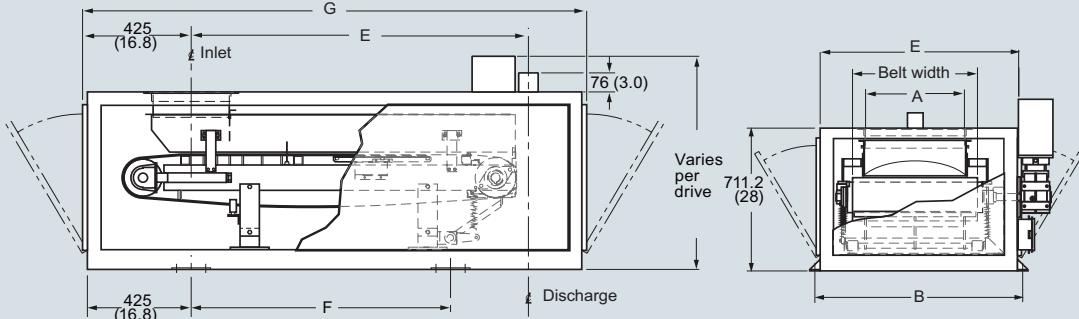


Open Construction					
Belt width	A	B	C	D	Weight (STD)
305 (12)	203 (8)	425 (16.8)	257 (10.1)	516 (20.3)	600 lb/272 kg
457 (18)	356 (14)	578 (22.8)	333 (13.1)	668 (26.3)	700 lb/318 kg
610 (24)	508 (20)	730 (28.8)	409 (16.1)	820 (32.3)	800 lb/363 kg
762 (30)	660 (26)	883 (34.8)	486 (19.1)	973 (38.3)	900 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)

Shear gate infeed version

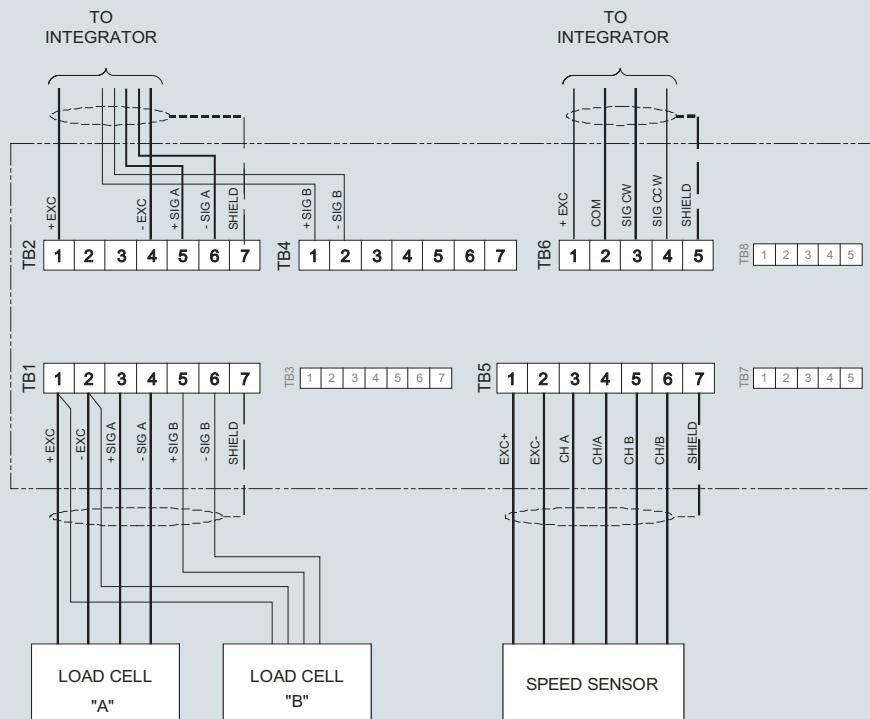
Closed Construction



Closed Construction					
Belt width	A	B	C	D	Weight (STD)
305 (12)	203 (8)	737 (29)	686 (27)	600 lb/272 kg	
457 (18)	356 (14)	864 (39)	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)

Circuit diagrams

SITRANS WW200 connections

Weighfeeders

Weighfeeder accessories

Weighfeeder peripherals

Selection and ordering data

Milltronics Weighfeeder 400, 600, and 800

	Article No.	
Nickel plated, standard duty		
10 kg (22 lb)	7MH7725-1EK	
15 kg (33.1 lb)	7MH7725-1EL	
20 kg (44 lb)	7MH7725-1EM	
30 kg (66.2 lb)	7MH7725-1EN	
Stainless steel		
6 kg (13.2 lb)	7MH7725-1EG	
12 kg (26.4 lb)	7MH7725-1EH	
30 kg (66.2 lb)	7MH7725-1EJ	
25 lb (11.3 kg)	PBD:23900224	
50 lb (22.7 kg)	PBD:23900225	
100 lb (45.4 kg)	PBD:23900242	

Milltronics Weighfeeder 1200, SITRANS WW300 and WW310 spare load cells

	Article No.	
Nickel plated, standard duty		
10 kg (22 lb)	7MH7725-1EK	
15 kg (33.1 lb)	7MH7725-1EL	
20 kg (44 lb)	7MH7725-1EM	
30 kg (66.2 lb)	7MH7725-1EN	
50 kg (110.2 lb)	7MH7725-1EP	
75 kg (165 lb)	7MH7725-1CS	
100 kg (220 lb)	7MH7725-1CT	
Nickel plated, heavy duty		
50 kg (110.2 lb)	7MH7725-1CU	
100 kg (220.5 lb)	7MH7725-1CV	
150 kg (330.7 lb)	7MH7725-1CW	
200 kg (440.9 lb)	7MH7725-1CX	
Stainless steel		
22.7 kg (50 lb)	7MH7725-1AC	
45.4 kg (100 lb)	7MH7725-1AD	
113.4 kg (250 lb)	7MH7725-1AE	
226.8 kg (500 lb)	7MH7725-1AF	
11 kg (25 lb), CSA/FM/ATEX/IEC EX	7MH7725-1DQ	
23 kg (50 lb), CSA/FM/ATEX/IEC EX	7MH7725-1DL	
45 kg (100 lb), CSA/FM/ATEX/IEC EX	7MH7725-1DM	
113 kg (250 lb), CSA/FM/ATEX/IEC EX	7MH7725-1DN	
227 kg (500 lb), CSA/FM/ATEX/IEC EX	7MH7725-1DP	
6 kg (13.2 lb)	7MH7725-1EG	
12 kg (26.5 lb)	7MH7725-1EH	
30 kg (66.1 lb)	7MH7725-1EJ	
24 kg (50 lb), CSA/FM/ATEX/IEC EX	7MH7725-1DT	
45 kg (100 lb), CSA/FM/ATEX/IEC EX	7MH7725-1DU	
113 kg (250 lb), CSA/FM/ATEX/IEC EX	7MH7725-1DV	

Calibration hanger weights

	Article No.
200 g (0.4 lb)	7MH7724-1AF
500 g (1.1 lb)	7MH7724-1AG
1 000 g (2.2 lb)	7MH7724-1AH
2 000 g (4.4 lb)	7MH7724-1AJ
3 500 g (7.7 lb)	7MH7724-1BQ
5 000 g (11 lb)	7MH7724-1AK
7 500 g (16.5 lb)	7MH7724-1BR
8 500 g (18.7 lb)	7MH7724-1BS
10 000 g (22 lb)	7MH7724-1BT
12 000 g (26.5 lb)	7MH7724-1BU
15 000 g (33.1 lb)	7MH7724-1BV

SITRANS WW300 and WW310 spare parts and accessories

	Article No.
Start, Stop, Hand/Off/Auto, speed pot local operator station	7MH7723-1JA
E-stop push button, enclosed style	3SB3801-0DF3
500 PPR optical encoder	6FX20012PA50
1 000 PPR optical encoder	6FX20012PB00
2 500 PPR optical encoder	6FX20012PC50
Optical encoder connector	6FX20030SU12
Speed encoder plug-in with cable	7MH7723-1KM
Belt tracking switch	3SE5112-0CR01
Belt tracking switch, ATEX II 2D/Class I, Div. 1, Groups C and D, Class II, Div. 1, Groups F and G	7MH7723-1RA
Pull cord switch	3SE7120-2DD01
Pull cord switch cable	3SE7910-3AA
Pull cord switch cable clamp	3SE7941-1AC
Termination box 1, 2, 4 load cell and speed sensor, mild steel	7MH7723-1ND
Termination box 1, 2, 4 load cell and speed sensor, stainless steel	7MH7723-1NE
Bearing, flange, NTN, UCF2, 1 ... 15/16 inch, 4-bolt	A5E01213250
Bearing, flange, NTN, UCF2, 2 ... 15/16 inch, 4-bolt	A5E03856041
Bearing, PB, UCP, 1 ... 7/16 inch	A5E01213243
Bearing, PB, UCP, 2 ... 7/16 inch	PBD:24191273