

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

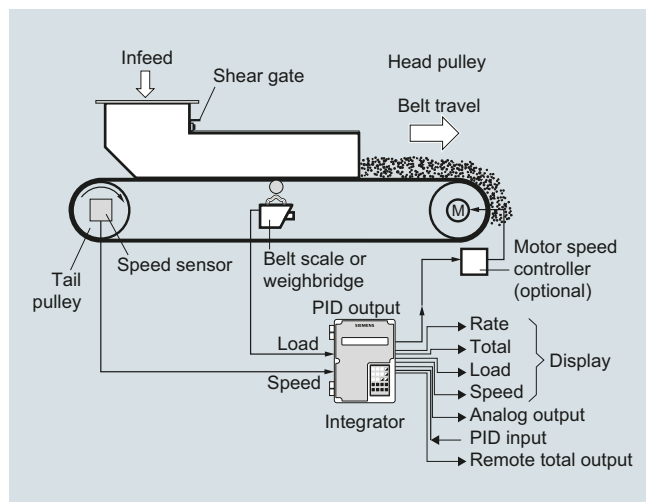
SITRANS WW100

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 See page	SITRANS WW100 5/4	SITRANS WW200 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). 	

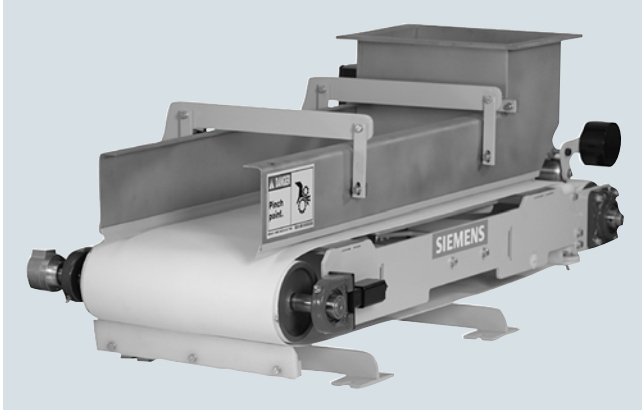
¹⁾ Accuracy subject to: on factory approved installations the weigh feeder system's totalized weight will be within the specified accuracy when compared to a known weighed material test sample. The test rate must be within the specified range of the design capacity and held constant for the duration 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	
Mode of operation	
Measuring principle	Strain gauge load cell and digital speed sensor
Typical application	Control and monitor feed rates and blending in bulk chemicals, tobacco, food, and water treatment
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	
Operating temperature	-10 ... +55 °C (10 ... 131 °F)
Material	
	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
Degree of protection	IP68
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	Stainless steel range: 6, 12, 30 kg
Overload	150 % of rated capacity
Temperature	<ul style="list-style-type: none"> Operating range: -40 ... +65 °C (-40 ... +149 °F) Compensated: -10 ... +40 °C (14 ... 104 °F)
Speed sensors	
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)
Degree of protection	<ul style="list-style-type: none"> Standard: IP64 Stainless steel: IP66
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
Pulleys	
	115 mm (4.5 inch) diameter, crowned and lagged
Bearings	
	<ul style="list-style-type: none"> 4-bolt flange mount on drive pulley 2-bolt threaded base pillow block on driven pulley
Belt speed	
	0.005 ... 0.36 m/s (1 ... 70 fpm)
Belt support	
	Slider bed frame

SITRANS WW100	
Belting	
	<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
Belt tension	
	<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)
Belt cleaning	
	<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
Servomotor	
	SIMOTICS Servomotor; optionally including SINAMICS S120 drive, PROFIBUS DP or ProfiNet option, length of motor and communication cables customizable.
Standard gearmotor	
	Helical-worm geared motor, AC, Efficiency class IE1, IEC or UL-R/CSA, IP55, incl. PTC, RAL7031, C2 coating acc. EN12944.
Food grade gearmotor	
	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.
Variable frequency drive: SINAMICS S120 servomotor controller (included with supply of WW100 based on ordering options)	
	<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
Shipping weight	
	91 kg (200 lb) ... 181 kg (400 lb) maximum
Approvals	
	<ul style="list-style-type: none"> Declaration of incorporation of partly completed machinery acc. directive 2006/42/EC. Meets FDA requirements for food processing

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

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.

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

Frame and enclosure construction

304 stainless steel open style

316 stainless steel open style

304 stainless steel enclosed style with painted mild steel enclosure

304 stainless steel enclosed style with 304 stainless steel enclosure

316 stainless steel enclosed style with painted mild steel enclosure

316 stainless steel enclosed style with 304 stainless steel enclosure

316 stainless steel enclosed style with 316 stainless steel enclosure

Material containment construction

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

Shear gate inlet and skirtboards 304 stainless steel

Shear gate inlet and skirtboards 304 stainless steel with cover

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

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

Shear gate inlet and skirtboards 316 stainless steel

Shear gate inlet and skirtboards 316 stainless steel with cover

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

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

Horseshoe inlet 304 stainless steel¹⁾

Horseshoe inlet 304 stainless steel, #4 polished¹⁾

Horseshoe inlet 316 stainless steel¹⁾

Horseshoe inlet 316 stainless steel, #4 polished¹⁾

Load cell

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

Speed sensor

1 000 PPR shaft mounted optical encoder

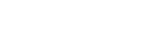
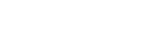
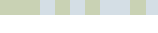
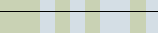
2 500 PPR shaft mounted optical encoder

1 000 PPR shaft mounted optical encoder, stainless steel

2 500 PPR shaft mounted optical encoder, stainless steel

Article No.

7MH7180-



SITRANS WW100

High accuracy solids weighfeeder for low capacity applications.

Drive configuration

SIMOTICS Servomotor incl. SINAMICS control unit with PROFIBUS DP, BOP and power module

200 ... 240 V 1 ph²⁾

380 ... 480 V 3 ph²⁾

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

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

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

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

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

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

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

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

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

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

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

Add order code Y76 for electrical style: IEC, UL-R/CSA or CCC.

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

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

575 V 3 ph 60 Hz AC

Food grade AC gearmotor without drive (Drive required for desired belt speed)

Add order code Y76 for electrical style: IEC, UL-R/CSA or CCC.

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

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

575 V 3 ph 60 Hz AC food grade gearmotor

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)

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

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

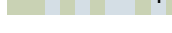
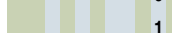
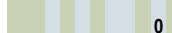
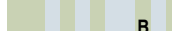
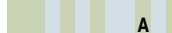
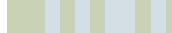
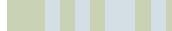
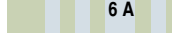
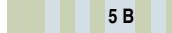
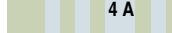
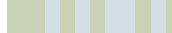
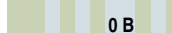
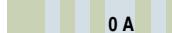
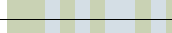
Belt change access side (looking from inlet to discharge)

Left hand

Right hand

Article No.

7MH7180-



Selection and ordering data	Order code	Article No.
Further designs		
Please add "-Z" to article no. and specify order code(s).		
Application Eng. reference number (max. 15 characters), specify in plain text.	Y31	
Shear gate arc radius: Enter shear gate arc radius in inches (xxx.xx inch) ³⁾	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: IEC, UL-R/CSA or CCC	Y76	
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	
Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications ³⁾	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	
Low weight belt for light loading, low rate applications (recommended for under 1 t/h). Anti-static, FDA approved.	G15	
High temp belt for hot material applications (product temp up to 177 °C (350 °F). High temp silicone, FDA approved.	G17	
SINAMICS control unit with ProfiNet (only available with drive configuration options 0A ... 5B)	G21	
Discharge dust hood, painted mild steel with de-dust port ¹⁾	H50	
Discharge dust hood, 304 stainless steel with de-dust port ¹⁾	H51	
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.siemens.com/weighing/documentation		
Spare parts		
6 kg (13.2 lb) stainless steel load cell		7MH5117-1QD00
12 kg (26.4 lb) stainless steel load cell		7MH5117-2BD00
30 kg (66.2 lb) stainless steel load cell		7MH5117-2KD00
10 kg (22 lb) nickel plated steel load cell		7MH7725-1EK
15 kg (33.1 lb) nickel plated steel load cell		7MH7725-1EL
20 kg (44 lb) nickel plated steel load cell		7MH7725-1EM
500 PPR optical encoder ⁴⁾		6FX2001-2PA50
1 000 PPR optical encoder ⁴⁾		6FX2001-2PB00
2 500 PPR optical encoder ⁴⁾		6FX2001-2PC50
30 kg (66.2 lb) nickel plated steel load cell		7MH7725-1EN
500 PPR optical encoder		6FX2001-4QA50
1 000 PPR optical encoder		6FX2001-4QB00
2 500 PPR optical encoder		6FX2001-4QC50
Optical encoder connector		6FX2003-0SU12
Speed encoder plug-in with 3 m cable ⁵⁾		7MH7723-1KM
Optical encoder connector with 20 ft (6 m) of cable ⁶⁾		7MH7723-1KD
Speed Encoder, 1000 ppr, stainless steel		7MH7723-1HH
Speed Encoder, 2500 ppr, stainless steel		7MH7723-1HJ
Calibration chain, approx. 2.41 kg/m (1.62 lb/ft)		7MH7723-1HP
Calibration chain, approx. 4.82 kg/m (3.24 lb/ft)		7MH7723-1HQ
Calibration chain, approx. 7.23 kg/m (4.86 lb/ft)		7MH7723-1HR
Customers interested in servomotor and drive spares and peripherals should consult a local sales person. For more information, please visit http://www.automation.siemens.com/aspa_app		

Weighfeeders

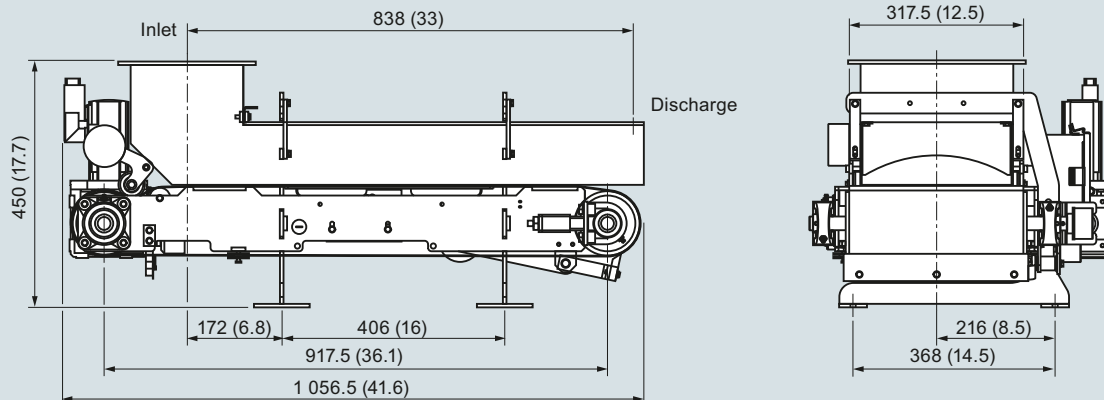
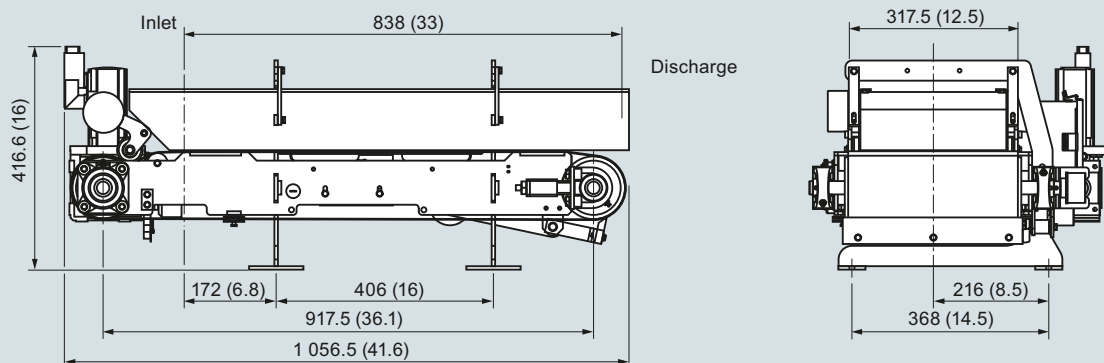
SITRANS WW100

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
Telescopes 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

5

- 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


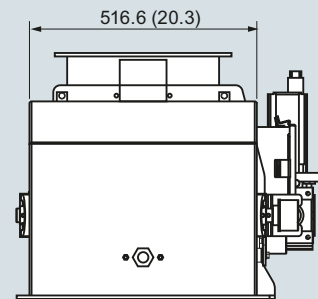
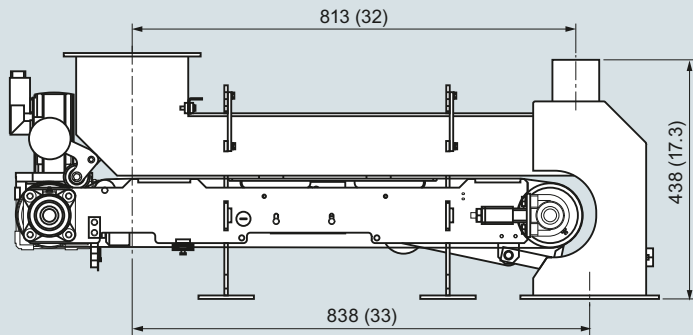
SITRANS WW100, dimensions in mm (inch)

Weighfeeders

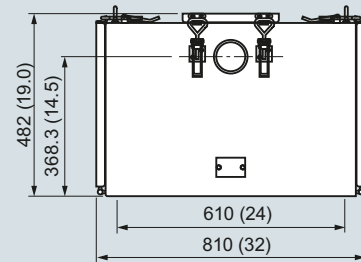
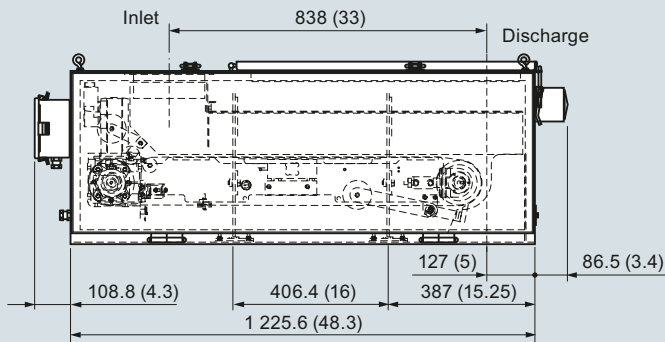
SITRANS WW100

Dimensional drawings and schematics

Open Dust Hood

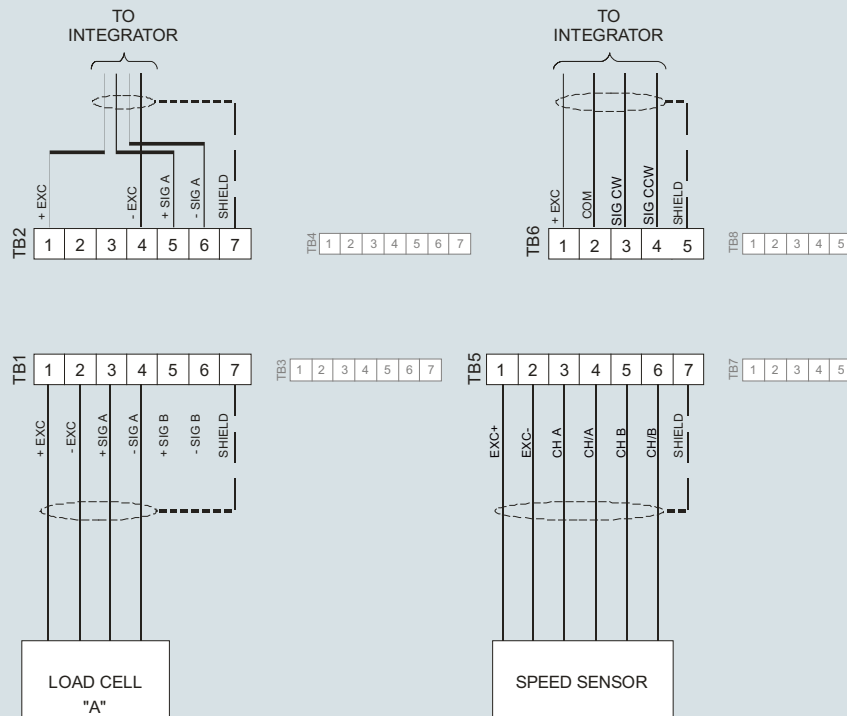


Enclosed Construction



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	
Mode of operation	
Measuring principle	Strain gauge load cells and digital speed sensor
Typical application	Control and monitor feed rates and blending of minerals or powdered additives into a process
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
<ul style="list-style-type: none"> Non-linearity Non-repeatability 	± 0.02 % of rated output ± 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

SITRANS WW200	
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
Pulleys	
	152 mm (6 inch) diameter with 6 mm (¼ inch) neoprene lagging
Belt speed	
	0.005 ... 0.36 m/s (1 ... 70 fpm)
Belt support	
	Edge of flat bar eliminates material buildup
Bearings	
	<ul style="list-style-type: none"> 2-bolt flange mount on drive pulley 2-bolt threaded base pillow block on driven pulley
Belting	
	<ul style="list-style-type: none"> Polyester carcass with polyurethane top cover and static control with vulcanized endless finger splice for maximum weighing consistency (standard); optionally available in blue Maximum rated material temperature 82 °C (180 °F) Silicone HT belt rated for max. material temp. of 177 °C (350 °F)
Belt tension	
	Screw type, telescoper module with 150 mm (6 inch) travel - mild or stainless steel 304 (1.4301)
Belt cleaning	
	<ul style="list-style-type: none"> PE-HD blade type with spring tensioning at head pulley Return plow Cleaning brush, optional
Drive motor	
	<ul style="list-style-type: none"> AC gearmotor: helical-worm geared motor, IE1, IP55, C2 coating. Optional food grade style: helical-worm geared motor, IE3, IP66, sealed surface treatment, meets FDA requirements.
Shipping weight	
	280 kg (600 lb) minimum
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. 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. Hazardous approvals per configuration options.
Note: weighfeeder as a whole is not approved for hazardous locations only electrical components.	

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.	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.	7MH7300- 	SITRANS WW200, open style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7300-
Painted mild steel, open style, with C/L infeed to C/L discharge			
<u>12 inch (305 mm) belt width</u>		<u>36 inch (914 mm) belt width</u>	
52 inch (1 321 mm)	0 A	52 inch (1 321 mm)	4 A
60 inch (1 524 mm)	0 B	60 inch (1 524 mm)	4 B
68 inch (1 727 mm)	0 C	68 inch (1 727 mm)	4 C
76 inch (1 930 mm)	0 D	76 inch (1 930 mm)	4 D
84 inch (2 134 mm)	0 E	84 inch (2 134 mm)	4 E
92 inch (2 337 mm)	0 F	92 inch (2 337 mm)	4 F
100 inch (2 540 mm)	0 G	100 inch (2 540 mm)	4 G
108 inch (2 743 mm)	0 H	108 inch (2 743 mm)	4 H
116 inch (2 946 mm)	0 J	116 inch (2 946 mm)	4 J
<u>18 inch (457 mm) belt width</u>		<u>42 inch (1 067 mm) belt width</u>	
52 inch (1 321 mm)	1 A	52 inch (1 321 mm)	5 A
60 inch (1 524 mm)	1 B	60 inch (1 524 mm)	5 B
68 inch (1 727 mm)	1 C	68 inch (1 727 mm)	5 C
76 inch (1 930 mm)	1 D	76 inch (1 930 mm)	5 D
84 inch (2 134 mm)	1 E	84 inch (2 134 mm)	5 E
92 inch (2 337 mm)	1 F	92 inch (2 337 mm)	5 F
100 inch (2 540 mm)	1 G	100 inch (2 540 mm)	5 G
108 inch (2 743 mm)	1 H	108 inch (2 743 mm)	5 H
116 inch (2 946 mm)	1 J	116 inch (2 946 mm)	5 J
<u>24 inch (610 mm) belt width</u>		<u>48 inch (1 219 mm) belt width</u>	
52 inch (1 321 mm)	2 A	52 inch (1 321 mm)	6 A
60 inch (1 524 mm)	2 B	60 inch (1 524 mm)	6 B
68 inch (1 727 mm)	2 C	68 inch (1 727 mm)	6 C
76 inch (1 930 mm)	2 D	76 inch (1 930 mm)	6 D
84 inch (2 134 mm)	2 E	84 inch (2 134 mm)	6 E
92 inch (2 337 mm)	2 F	92 inch (2 337 mm)	6 F
100 inch (2 540 mm)	2 G	100 inch (2 540 mm)	6 G
108 inch (2 743 mm)	2 H	108 inch (2 743 mm)	6 H
116 inch (2 946 mm)	2 J	116 inch (2 946 mm)	6 J
<u>30 inch (762 mm) belt width</u>			
52 inch (1 321 mm)	3 A		
60 inch (1 524 mm)	3 B		
68 inch (1 727 mm)	3 C		
76 inch (1 930 mm)	3 D		
84 inch (2 134 mm)	3 E		
92 inch (2 337 mm)	3 F		
100 inch (2 540 mm)	3 G		
108 inch (2 743 mm)	3 H		
116 inch (2 946 mm)	3 J		

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	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.

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

Article No.

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

18 inch (457 mm) belt width

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

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

24 inch (610 mm) belt width

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

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

30 inch (762 mm) belt width

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

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

SITRANS WW200, open 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)

Article No.

7MH7301-

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

42 inch (1 067 mm) belt width

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

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

48 inch (1 219 mm) belt width

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

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

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 ... 4H³⁾

Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications¹⁾

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

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, 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.

316 stainless steel, open 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)

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

18 inch (457 mm) belt width

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

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

24 inch (610 mm) belt width

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

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

30 inch (762 mm) belt width

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

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

SITRANS WW200, open 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)

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

42 inch (1 067 mm) belt width

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

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

48 inch (1 219 mm) belt width

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

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

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-



Material containment construction

None

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

Shear gate inlet

Skirtboards 316 stainless steel

Skirtboards 316 stainless steel, with cover

Skirtboards 316 stainless steel, #4 polished

Skirtboards 316 stainless steel, #4 polished with cover

Horseshoe inlet

316 stainless steel

316 stainless steel, #4 polished

Load cell

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

Speed sensor

Shaft mounted

1 000 PPR optical encoder

2 500 PPR optical encoder

1 000 PPR optical encoder, stainless steel

2 500 PPR optical encoder, stainless steel

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

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

A

H

J

K

L

P

Q

5

6

7

1

2

4

5

0 C

0 D

0 G

0 H

4 C

4 D

4 G

4 H

SITRANS WW200, open style

High accuracy solids weighfeeder for low to medium capacity applications.

7MH7302-



Belting

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with B-section flange walls

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls

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

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with B-section flange walls

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls

Belt change access side (looking from inlet to discharge)

Left hand

Right hand

A

B

C

D

K

L

M

0

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	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.

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.

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)

Article No.

7MH7303-



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

18 inch (457 mm) belt width

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

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

24 inch (610 mm) belt width

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

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

30 inch (762 mm) belt width

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

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

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)

Article No.

7MH7303-



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

42 inch (1 067 mm) belt width

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

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

48 inch (1 219 mm) belt width

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

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

Selection and ordering data		Article No.		Article No.
SITRANS WW200, enclosed style		7MH7303-		7MH7303-
High accuracy solids weighfeeder for low to medium capacity applications.				
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			0 C
Skirtboards 304 stainless steel, with cover	E			0 D
Skirtboards 304 stainless steel, #4 polished	F			0 G
Skirtboards 304 stainless steel, #4 polished with cover	G			0 H
Skirtboards 316 stainless steel	H			
Skirtboards 316 stainless steel, with cover	J			4 C
Skirtboards 316 stainless steel, #4 polished	K			4 D
Skirtboards 316 stainless steel, #4 polished with cover	L			4 G
Load cell				4 H
<u>Nickel plated steel</u>				
10 kg (22 lb)	0			
15 kg (33 lb)	1			A
20 kg (44 lb)	2			B
30 kg (66 lb)	3			C
50 kg (110 lb)	4			D
<u>Stainless steel</u>				K
6 kg (13.2 lb) hermetically sealed	5			L
12 kg (26.5 lb) hermetically sealed	6			M
30 kg (66.1 lb) 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			
SITRANS WW200, enclosed style				
High accuracy solids weighfeeder for low to medium capacity applications.				
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				
0.5 HP (0.37 kW) 575 V 3 ph 60 Hz				
1 HP (0.75 kW)				
220 ... 240/380 ... 480 V 3 ph 50/60 Hz				
1 HP (0.75 kW) 575 V 3 ph 60 Hz				
<u>Food grade AC motor</u>				
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				
Belting				
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved				
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with B-section flange walls				
Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls				
Silicone, HT 177 °C (350 °F), anti-static 45 PIW, 2 ply, FDA approved				
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved				
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with B-section flange walls				
Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls				
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 ... 4H³⁾

Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications¹⁾ **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**

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		7MH7304-	7MH7304-
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 discharge			
<u>12 inch (305 mm) belt width</u>			
52 inch (1 321 mm)	0 A	52 inch (1 321 mm)	4 A
60 inch (1 524 mm)	0 B	60 inch (1 524 mm)	4 B
68 inch (1 727 mm)	0 C	68 inch (1 727 mm)	4 C
76 inch (1 930 mm)	0 D	76 inch (1 930 mm)	4 D
184 inch (2 134 mm)	0 E	84 inch (2 134 mm)	4 E
92 inch (2 337 mm)	0 F	92 inch (2 337 mm)	4 F
100 inch (2 540 mm)	0 G	100 inch (2 540 mm)	4 G
108 inch (2 743 mm)	0 H	108 inch (2 743 mm)	4 H
116 inch (2 946 mm)	0 J	116 inch (2 946 mm)	4 J
<u>18 inch (457 mm) belt width</u>		<u>42 inch (1 067 mm) belt width</u>	
52 inch (1 321 mm)	1 A	52 inch (1 321 mm)	5 A
60 inch (1 524 mm)	1 B	60 inch (1 524 mm)	5 B
68 inch (1 727 mm)	1 C	68 inch (1 727 mm)	5 C
76 inch (1 930 mm)	1 D	76 inch (1 930 mm)	5 D
84 inch (2 134 mm)	1 E	84 inch (2 134 mm)	5 E
92 inch (2 337 mm)	1 F	92 inch (2 337 mm)	5 F
100 inch (2 540 mm)	1 G	100 inch (2 540 mm)	5 G
108 inch (2 743 mm)	1 H	108 inch (2 743 mm)	5 H
116 inch (2 946 mm)	1 J	116 inch (2 946 mm)	5 J
<u>24 inch (610 mm) belt width</u>		<u>48 inch (1 219 mm) belt width</u>	
52 inch (1 321 mm)	2 A	52 inch (1 321 mm)	6 A
60 inch (1 524 mm)	2 B	60 inch (1 524 mm)	6 B
68 inch (1 727 mm)	2 C	68 inch (1 727 mm)	6 C
76 inch (1 930 mm)	2 D	76 inch (1 930 mm)	6 D
84 inch (2 134 mm)	2 E	84 inch (2 134 mm)	6 E
92 inch (2 337 mm)	2 F	92 inch (2 337 mm)	6 F
100 inch (2 540 mm)	2 G	100 inch (2 540 mm)	6 G
108 inch (2 743 mm)	2 H	108 inch (2 743 mm)	6 H
116 inch (2 946 mm)	2 J	116 inch (2 946 mm)	6 J
<u>30 inch (762 mm) belt width</u>			
52 inch (1 321 mm)	3 A		
60 inch (1 524 mm)	3 B		
68 inch (1 727 mm)	3 C		
76 inch (1 930 mm)	3 D		
84 inch (2 134 mm)	3 E		
92 inch (2 337 mm)	3 F		
100 inch (2 540 mm)	3 G		
108 inch (2 743 mm)	3 H		
116 inch (2 946 mm)	3 J		

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.

Material containment construction

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

Shear gate inlet

Skirtboards 304 stainless steel

Skirtboards 304 stainless steel, with cover

Skirtboards 304 stainless steel, #4 polished

Skirtboards 304 stainless steel, #4 polished with cover

Skirtboards 316 stainless steel

Skirtboards 316 stainless steel, with cover

Skirtboards 316 stainless steel, #4 polished

Skirtboards 316 stainless steel, #4 polished with cover

Load cell

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

Speed sensor

Shaft mounted

1 000 PPR optical encoder

2 500 PPR optical encoder

1 000 PPR optical encoder, stainless steel

2 500 PPR optical encoder, stainless steel

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

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

7MH7304-

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SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications.

Belting

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with B-section flange walls

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls

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

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with B-section flange walls

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls

Belt change access side

(looking from inlet to discharge)

Left hand

Right hand

7MH7304-

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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
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.	
SITRANS WW200, enclosed style High accuracy solids weighfeeder for low to medium capacity applications.	7MH7305- 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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 ... 4H³⁾

Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications¹⁾

G11

Pointek CLS100 Capacitance switch for plugged discharge chute detection

G12

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

G13

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

G14

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

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		7MH7306-	7MH7306-
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 discharge			
<u>12 inch (305 mm) belt width</u>			
52 inch (1 321 mm)	0 A	52 inch (1 321 mm)	4 A
60 inch (1 524 mm)	0 B	60 inch (1 524 mm)	4 B
68 inch (1 727 mm)	0 C	68 inch (1 727 mm)	4 C
76 inch (1 930 mm)	0 D	76 inch (1 930 mm)	4 D
84 inch (2 134 mm)	0 E	84 inch (2 134 mm)	4 E
92 inch (2 337 mm)	0 F	92 inch (2 337 mm)	4 F
100 inch (2 540 mm)	0 G	100 inch (2 540 mm)	4 G
108 inch (2 743 mm)	0 H	108 inch (2 743 mm)	4 H
116 inch (2 946 mm)	0 J	116 inch (2 946 mm)	4 J
<u>18 inch (457 mm) belt width</u>		<u>42 inch (1 067 mm) belt width</u>	
52 inch (1 321 mm)	1 A	52 inch (1 321 mm)	5 A
60 inch (1 524 mm)	1 B	60 inch (1 524 mm)	5 B
68 inch (1 727 mm)	1 C	68 inch (1 727 mm)	5 C
76 inch (1 930 mm)	1 D	76 inch (1 930 mm)	5 D
84 inch (2 134 mm)	1 E	84 inch (2 134 mm)	5 E
92 inch (2 337 mm)	1 F	92 inch (2 337 mm)	5 F
100 inch (2 540 mm)	1 G	100 inch (2 540 mm)	5 G
108 inch (2 743 mm)	1 H	108 inch (2 743 mm)	5 H
116 inch (2 946 mm)	1 J	116 inch (2 946 mm)	5 J
<u>24 inch (610 mm) belt width</u>		<u>48 inch (1 219 mm) belt width</u>	
52 inch (1 321 mm)	2 A	52 inch (1 321 mm)	6 A
60 inch (1 524 mm)	2 B	60 inch (1 524 mm)	6 B
68 inch (1 727 mm)	2 C	68 inch (1 727 mm)	6 C
76 inch (1 930 mm)	2 D	76 inch (1 930 mm)	6 D
84 inch (2 134 mm)	2 E	84 inch (2 134 mm)	6 E
92 inch (2 337 mm)	2 F	92 inch (2 337 mm)	6 F
100 inch (2 540 mm)	2 G	100 inch (2 540 mm)	6 G
108 inch (2 743 mm)	2 H	108 inch (2 743 mm)	6 H
116 inch (2 946 mm)	2 J	116 inch (2 946 mm)	6 J
<u>30 inch (762 mm) belt width</u>			
52 inch (1 321 mm)	3 A		
60 inch (1 524 mm)	3 B		
68 inch (1 727 mm)	3 C		
76 inch (1 930 mm)	3 D		
84 inch (2 134 mm)	3 E		
92 inch (2 337 mm)	3 F		
100 inch (2 540 mm)	3 G		
108 inch (2 743 mm)	3 H		
116 inch (2 946 mm)	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.

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

Shear gate inlet

Skirtboards 316 stainless steel

Skirtboards 316 stainless steel, with cover

Skirtboards 316 stainless steel, #4 polished

Skirtboards 316 stainless steel, #4 polished with cover

Load cell

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

Speed sensor

Shaft mounted

1 000 PPR optical encoder

2 500 PPR optical encoder

1 000 PPR optical encoder, stainless steel

2 500 PPR optical encoder, stainless steel

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

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

7MH7306-

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SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications.

Belting

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with B-section flange walls

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls

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

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with B-section flange walls

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls

Belt change access side (looking from inlet to discharge)

Left hand

Right hand

7MH7306-

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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
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.

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

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 ... 4H³⁾

Plastic shear curtain to control dust at the infeed for floodable materials and dusty applications¹⁾

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

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.

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.	7MH7308- 	SITRANS WW200, enclosed style High accuracy solids weighfeeder for low to medium capacity applications.	
		7MH7308- 	
		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 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
316 stainless steel frame with 316 stainless steel enclosure style with C/L infeed to C/L discharge 12 inch (305 mm) belt width 52 inch (1 321 mm) 60 inch (1 524 mm) 68 inch (1 727 mm) 76 inch (1 930 mm) 84 inch (2 134 mm) 92 inch (2 337 mm) 100 inch (2 540 mm) 108 inch (2 743 mm) 116 inch (2 946 mm)	0 A 0 B 0 C 0 D 0 E 0 F 0 G 0 H 0 J		
18 inch (457 mm) belt width 52 inch (1 321 mm) 60 inch (1 524 mm) 68 inch (1 727 mm) 76 inch (1 930 mm) 84 inch (2 134 mm) 92 inch (2 337 mm) 100 inch (2 540 mm) 108 inch (2 743 mm) 116 inch (2 946 mm)	1 A 1 B 1 C 1 D 1 E 1 F 1 G 1 H 1 J		
24 inch (610 mm) belt width 52 inch (1 321 mm) 60 inch (1 524 mm) 68 inch (1 727 mm) 76 inch (1 930 mm) 84 inch (2 134 mm) 92 inch (2 337 mm) 100 inch (2 540 mm) 108 inch (2 743 mm) 116 inch (2 946 mm)	2 A 2 B 2 C 2 D 2 E 2 F 2 G 2 H 2 J		
30 inch (762 mm) belt width 52 inch (1 321 mm) 60 inch (1 524 mm) 68 inch (1 727 mm) 76 inch (1 930 mm) 84 inch (2 134 mm) 92 inch (2 337 mm) 100 inch (2 540 mm) 108 inch (2 743 mm) 116 inch (2 946 mm)	3 A 3 B 3 C 3 D 3 E 3 F 3 G 3 H 3 J		

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.

Material containment construction

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

Shear gate inlet

Skirtboards 316 stainless steel

Skirtboards 316 stainless steel, with cover

Skirtboards 316 stainless steel, #4 polished

Skirtboards 316 stainless steel, #4 polished with cover

Load cell

6 kg (13.2 lb) stainless steel, hermetically sealed

12 kg (26.5 lb) stainless steel, hermetically sealed

30 kg (66.1 lb) stainless steel, hermetically sealed

Speed sensor

Shaft mounted

1 000 PPR optical encoder

2 500 PPR optical encoder

1 000 PPR optical encoder, stainless steel

2 500 PPR optical encoder, stainless steel

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

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

7MH7308-



SITRANS WW200, enclosed style

High accuracy solids weighfeeder for low to medium capacity applications.

Belting

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with B-section flange walls

Polyurethane, 1.35 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls

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

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with B-section flange walls

Polyurethane, 2.9 mm, anti-static, 2 ply, FDA approved, with 2 inch (50 mm) corrugated side walls

Belt change access side

(looking from inlet to discharge)

Left hand

Right hand

7MH7308-



A

B

C

D

K

L

M

0

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
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.

Weighfeeders

SITRANS WW200

Accessories and spare parts

Selection and ordering data

Accessories

Test chain 1.62 lb/ft, 2.41 kg/m - 60 inches long

Start, Stop, Hand/Off/Auto, speed pot local operator station

E-stop push button, enclosed style

CLS100 plugged discharge chute retrofit kit (includes CLS100, material hood)

Calibration hanger weights

200 g (0.4 lb)

500 g (1.1 lb)

1 000 g (2.2 lb)

2 000 g (4.4 lb)

3 500 g (7.7 lb)

5 000 g (11 lb)

7 500 g (16.5 lb)

8 500 g (18.7 lb)

10 000 (22 lb)

12 000 g (26.5 lb)

15 000 g (33.1 lb)

Note: calibration accessories should be ordered as a separate item on the order.

Spare parts

6 kg (13.2 lb) stainless steel load cell

12 kg (26.4 lb) stainless steel load cell

30 kg (66.2 lb) stainless steel load cell

10 kg (22 lb) nickel plated steel load cell

15 kg (33.1 lb) nickel plated steel load cell

20 kg (44 lb) nickel plated steel load cell

30 kg (66.2 lb) nickel plated steel load cell

50 kg (110.2 lb) nickel plated steel load cell

500 PPR optical encoder

1 000 PPR optical encoder

2 500 PPR optical encoder

Optical encoder connector

Speed encoder plug-in with cable

Encoder, Stainless steel, 500 PPR

Speed Encoder, 1 000 ppr, stainless steel

Speed Encoder, 2 500 ppr, stainless steel

Magnetic proximity switch

Motor mounted sensor flange 56C

Termination board for Junction Box

Belt tracking switch

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

WW200 outline approval drawing

Head bearing replacement kit mild steel (includes 2 bearings)¹⁾

Tail bearing replacement kit mild steel (includes 2 bearings)¹⁾

Head bearing replacement kit stainless steel (includes 2 bearings)

Tail bearing replacement kit stainless steel (includes 2 bearings)

Skirtboard seal replacement kit, 7 meters

Article No.

7MH7723-1NF

7MH7723-1JA

3SB3801-0DF3

7MH7723-1JE

7MH7724-1AF

7MH7724-1AG

7MH7724-1AH

7MH7724-1AJ

7MH7724-1BQ

7MH7724-1AK

7MH7724-1BR

7MH7724-1BS

7MH7724-1BT

7MH7724-1BU

7MH7724-1BV

7MH5117-1QD00

7MH5117-2BD00

7MH5117-2KD00

7MH7725-1EK

7MH7725-1EL

7MH7725-1EM

7MH7725-1EN

7MH7725-1EP

6FX20012PA50

6FX20012PB00

6FX20012PC50

6FX20030SU12

7MH7723-1KM

7MH7723-1HG

7MH7723-1HH

7MH7723-1HJ

7MH7723-1GA

7MH7723-1RB

A5E03623963

3SE5112-0CR01

7MH7723-1RA

7MH7726-1BU

7MH7723-1QM

7MH7723-1QN

7MH7723-1QP

7MH7723-1QQ

7MH7723-1QR

Article No.

Enclosure latches stainless steel (includes 5 latches)

7MH7723-1QT

Calibration chain 2.26 kg/m

7MH7723-1SK

Guide rollers

7MH7723-1SM

Spare Brush, 12 inch belt width

7MH7723-1SN

Spare Brush, 18 inch belt width

7MH7723-1SP

Spare Brush, 24 inch belt width

7MH7723-1SQ

Spare Brush, 30 inch belt width

7MH7723-1SR

Spare Brush, 36 inch belt width

7MH7723-1SS

Spare Brush, 42 inch belt width

7MH7723-1ST

Spare Brush, 48 inch belt width

7MH7723-1SU

Weighdeck Slider bar, PE-HD, 1 piece

7MH7723-1SV

Telescopers, set of 2, mild steel

7MH7723-1SW

Telescopers, set of 2, stainless steel

7MH7723-1SX

Spare Motors

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

Motor, 0.25 HP (0.19 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph

7MH7723-1NG

Motor, 0.5 HP (0.37 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph

7MH7723-1NH

Motor, 0.75 HP (0.56 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph

7MH7723-1NJ

Motor, 1 HP (0.75 kW) STD, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph

7MH7723-1NK

Motor, 0.25 HP (0.19 kW) STD, 575 V – 60 Hz 3 ph

7MH7723-1NL

Motor, 0.5 HP (0.37 kW) STD, 575 V – 60 Hz 3 ph

7MH7723-1NM

Motor, 0.75 HP (0.56 kW) STD, 575 V – 60 Hz 3 ph

7MH7723-1NN

Motor, 1 HP (0.75 kW) STD, 575 V – 60 Hz 3 ph

7MH7723-1NP

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

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

Motor, 1 HP (0.75 kW) epoxy coated, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph

7MH7723-1NS

Motor, 0.25 HP (0.19 kW) epoxy coated, 575 V – 60 Hz 3 ph

7MH7723-1NT

Motor, 0.5 HP (0.37 kW) epoxy coated, 575 V – 60 Hz 3 ph

7MH7723-1NU

Motor, 1 HP (0.75 kW) epoxy coated, 575 V – 60 Hz 3 ph

7MH7723-1NW

Motor, 0.33 HP (0.25 kW) stainless steel, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph

7MH7723-1NX

Motor, 0.5 HP (0.37 kW) stainless steel, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph

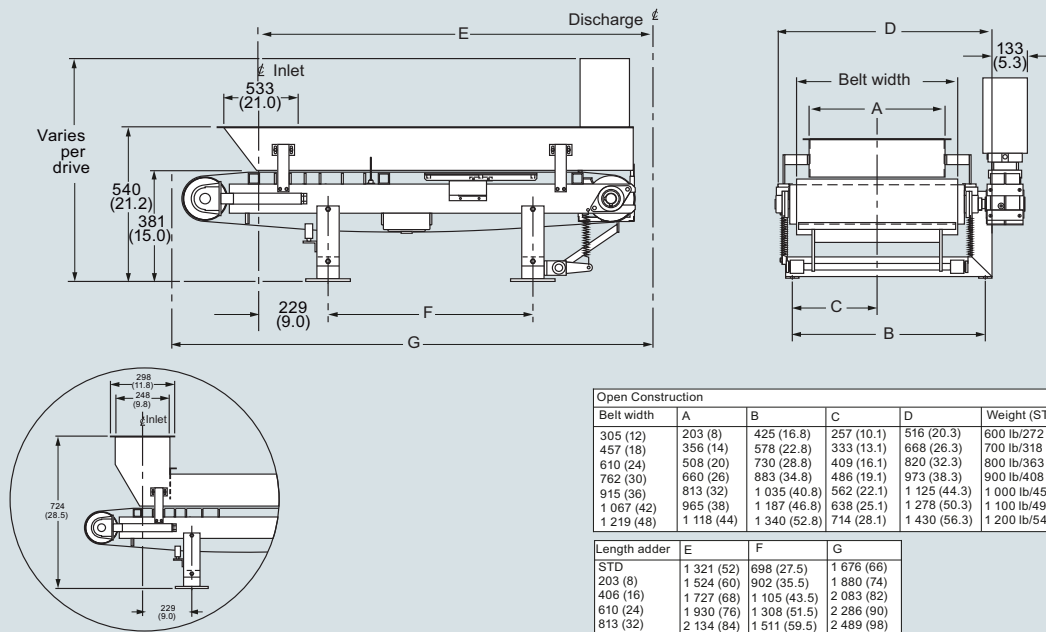
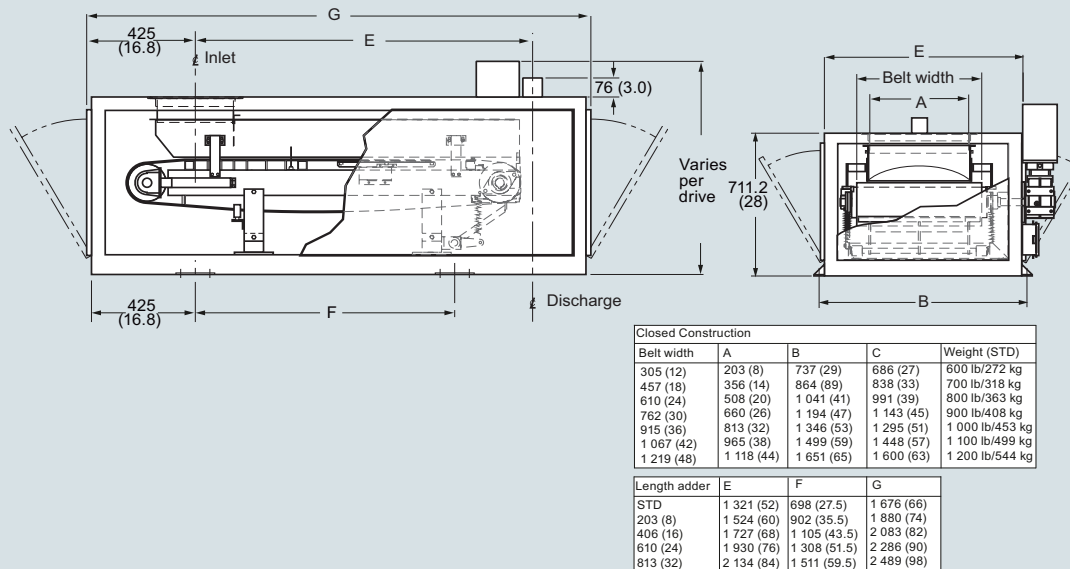
7MH7723-1NY

Motor, 1 HP (0.75 kW) stainless steel, 200/400 V – 50 Hz 3 ph, 230/460 V – 60 Hz 3 ph

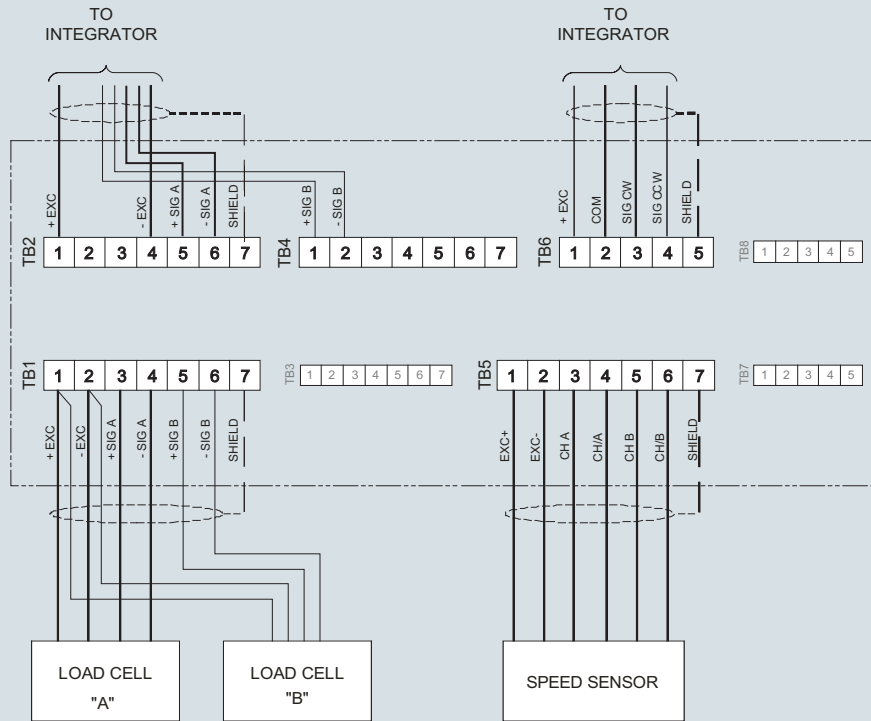
7MH7723-1PA

Selection and ordering data	Article No.
<i>Hazardous rated electrical spare parts</i>	
<u>Optical encoders</u>	
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
<u>Spare motors</u>	
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****Shear gate infeed version****Closed Construction**

SITRANS WW200, dimensions in mm (inch)

Circuit diagrams


Note: termination box not supplied on hazardous rated options.

SITRANS WW200 connections



Weighfeeders

Weighfeeder accessories



Weighfeeder peripherals

Selection and ordering data

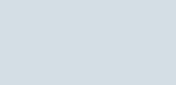
Milltronics Weighfeeder 400, 600, and 800

	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	

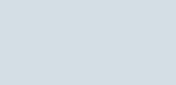
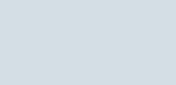

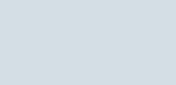


Milltronics Weighfeeder 1200, SITRANS WW300 and WW310 spare load cells

	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	