

QUESTIONNAIRE – BELT WEIGHFEEDER DTC

Please complete the form fields and return the questionnaire to biuro@interprocess.pl – we will prepare our quotation on this basis. Any questions: tel. +48 787 783 590.

CONTACT DETAILS

Full name:		Phone number:	
Company:		E-mail address:	
Street and number:		Country:	
Postcode, town:		Date completed:	

ORDER

Quantity:		Required delivery date:	
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MATERIAL

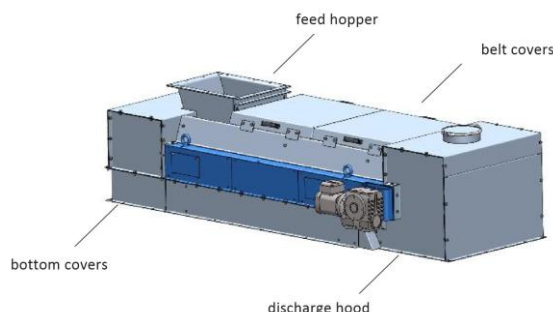
Material name:			
Particle size [mm]:		Bulk density [kg/m³]:	
Moisture content [%]:		Angle of repose [°]:	
Material temperature [°C]:	☐ 0–40 ☐ other: _____		
Material properties:	☐ free-flowing ☐ medium-flowing ☐ poor-flowing ☐ dusty ☐ abrasive ☐ friable ☐ sticky ☐ cohesive (caking) ☐ hanging up, bridging ☐ hygroscopic ☐ aeratable (flooding) ☐ toxic ☐ chemically aggressive (corrosive) ☐ intended for food contact / pharmaceutical product		

REQUIREMENTS

Feed rate [kg/h, t/h]:	min.: _____	max.: _____	nominal: _____
Feeding mode:	☐ continuous → permissible feeding error [± % of setpoint]: _____ ☐ batch (discontinuous) → batch weight [kg, t]: _____ batches per hour: _____ permissible batch error [± kg]: _____ ☐ mass flow measurement → permissible measuring error [± %]: _____		

DESIGN

Feeder installation:	☐ below hopper ☐ with prefeeder
Space constraints [mm]:	length: _____ width: _____ height: _____
Required belt width [mm]:	☐ 650 ☐ 800 ☐ 1000 ☐ 1200 ☐ 1400
Pulley centre distance [mm]:	☐ 1500 ☐ 2000 ☐ 2500 ☐ 3000 ☐ 3500 ☐ 4000 ☐ 4500 ☐ 5000 ☐ 5500 ☐ 6000 ☐ 6500 ☐ 7000 ☐ 7500 ☐ 8000
Inlet–outlet distance [mm]:	_____
Feed hopper inlet [mm]:	☐ standard ☐ non-standard → length: _____ width: _____
Construction:	☐ powder-coated carbon steel (polyester coating) ☐ C5 paint system to EN ISO 12944 ☐ other: _____
Product-contact parts:	☐ carbon steel (standard) ☐ stainless steel 1.4301 (AISI 304) – on request
Optional feeder covers:	☐ no ☐ yes → ☐ feed hopper ☐ belt covers ☐ bottom covers ☐ discharge hood



DRIVE

Geared motor:	☐ SEW 3×400 V AC ☐ SEW 3×500 V AC ☐ other: _____
Supply frequency:	☐ 50 Hz ☐ 60 Hz

OPERATING ENVIRONMENT

Ambient temperature [°C]:	☐ 0–40 ☐ other:
Installation site:	☐ indoors ☐ outdoors, under cover ☐ outdoors, uncovered
ATEX – explosion hazard zone:	☐ no ☐ yes → please specify below:
gases, flammable liquid vapours	inside equipment: ☐ 0 ☐ 1 ☐ 2 outside: ☐ 1 ☐ 2
	explosion group and temperature class:
combustible dusts	inside equipment: ☐ 20 ☐ 21 ☐ 22 outside: ☐ 21 ☐ 22
dust parameters	dust explosion class: ☐ St 1 ☐ St 2 ☐ St 3 ☐ conductive dust (IIIC)
	minimum ignition energy [mJ]:
	min. ignition temp. [°C] – dust cloud: 5 mm dust layer:

CONTROL SYSTEM

Scope of supply:	☐ without control system ☐ integrated control system
HMI operator panel:	☐ no ☐ yes → ☐ on control cabinet ☐ in separate enclosure at feeder
Control cabinet IP65:	☐ powder-coated steel ☐ stainless steel 1.4301 (AISI 304) ☐ other:
Control cabinet location:	☐ on feeder – left side ☐ on feeder – right side
	☐ away from feeder – cable run length [m]:
	☐ in customer's control cabinet (controller with switchgear) – cable run [m]:
Communication:	☐ Modbus TCP ☐ Modbus RTU ☐ EtherNet/IP ☐ PROFIBUS DP
	☐ PROFINET ☐ other:

ADDITIONAL OPTIONS

- ☐ vibrating feed hopper ☐ belt misalignment sensors ☐ chamber for flooding (aeratable) materials
☐ feed hopper lined with wear-resistant plastic ☐ feed hopper made of Hardox steel

INSTALLATION SITE AND ADDITIONAL REMARKS

Description of feeder installation site (e.g. upstream and downstream equipment, available space and operator access, method of mounting, available utilities):

Additional remarks/requirements (e.g. process description, special requirements, scope of supply, documentation, installation, commissioning):

If possible, please attach drawings, a plant layout or photos of the installation site and the material safety data sheet (SDS).