

Screening machine



Company

House No., street
City, State, ZIP code
Country

Point of contact

Given name, family name
Department
Telephone
Fax
E-mail

Ms. Mr. Title

Request no/reference

► Product information

Designation

Granular
Powdery

Coarse
Pulverulent

Other

Bulk weight

kg/dm³

Dumping angle

°

Particle size/particle distribution

mm

Moisture

% H₂O

Viscosity

(if applicable)

Temperature

°C

Product characteristics

Abrasive
Caking
Bridge-forming
Chemically aggressive
Electrostatically chargeable

Aliphatic
Hygroscopic
Sticky
Pourable
Torrential

Viscous
Dusty
Toxic
Other

► Is there material available for testing?

Material for testing

Yes

No

Safety data sheet available

Yes

No

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► Information about the task

Task	De-agglomeration Fine screening Grading Continuously	Screening off of coarse/ oversized particles Protective screening Number of groups _____ Intermittently
Mode of operation		
Feed capacity	_____ kg/h	
Desired mesh size(s)	_____ mm _____ mm	_____ mm _____ mm
Permissible proportion of oversized and undersized particles in the fine material		_____ %
Permissible proportion of oversized and undersized particles in the bulk material		_____ %
Design	Dust-proof	Other _____
Operating pressure	Unpressurized	Gas-proof/ pressure-proof up to _____ mbar

► Location of the screening machine

In the regular production area	On the hall floor	In a clean room
On a pedestal	Other _____	
in an earthquake zone	not in an earthquake zone	
Zone _____	Underground Class _____	

► Maximum available floor space

Length	_____ mm
Width	_____ mm
Height	_____ mm

► Estimated filling height from the top of the floor to the bottom of the out-flow

_____ mm

► What is the procedure for the product in-feed and/or what elements are there upstream and downstream?

Upstream _____

Downstream _____

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► Parts that come into contact with the product

Raw material	Stainless steel	Designation:	_____	
	Mild steel	Designation:	_____	
	Other	Designation:	_____	
Surface treatment	Sandblasted SA 2 ½	Max. roughness depth _____ µm	Pickled and passivated	
	Glass bead blasted		Polished electrolytically	
	Polished grain		Coated	
			Other	_____

► Parts that do not come into contact with the product

Raw material	Stainless steel	Designation:	_____	
	Mild steel	Designation:	_____	
	Other	Designation:	_____	
Surface treatment	Sandblasted SA 2 ½	Max. roughness depth _____ µm	Pickled and passivated	
	Glass bead blasted		Polished electrolytically	
	Polished grain		Coated	
			Other	_____

► Used in an area exposed to explosion hazards

Yes	no		
ATEX zone outside			
Gas	2	1	
Dust	22	21	
ATEX zone inside			
Gas	2	1	0
Dust	22	21	20
Temperature class			
Explosion group of the gas	T3 IIA	T4 IIB	IIC
Max. surface temperature (T)			
Explosion group of the dust	_____ IIIA	_____ IIIB	_____ °C IIIC

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► **Should the screening machine be provided with a spraying unit for liquid or cleanser?**

Yes

No

► **Is design in line with GMP and in accordance with EU guidelines required?**

Yes

No

► **What guidelines have to be considered when using materials with product contact?**

none
FDA

EU2023/2006
EU10/2011

EU1935/2004
Other _____

► **Control and power supply**

Operating voltage
Frequency

_____ V
_____ Hz

If applicable/available:

Voltage type

IT network earthing system

TN-S network

Control voltage

Alternating voltage

Direct current voltage

_____ V

Auxiliary energy

Compressed air _____ bar
Nitrogen _____ bar

Type of protection

IP _____

Additional information



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► **Should the machine control or system control be offered as well?**

Yes	No	
Raw material	Stainless steel	Designation: _____
	Mild steel	Designation: _____
	Other	Designation: _____

Comments

► **Please describe your cleaning procedure** (e.g. frequency and duration of cleaning, cleaning agents used, temperature of cleaning medium, location of cleaning, etc.)

► **Notes**

► **Attachments**

► **Quotation submission by**

Screening machine



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