

Drum hoop mixer

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

Number of components and their proportion of the weight

Product 1

Designation _____
Proportion of the weight _____ kg
Bulk weight _____ kg/dm³
Dumping angle _____ °
Grain size _____ mm
Moisture _____ % H₂O
Viscosity _____ (if applicable)
Temperature _____ °C

Granular
Powdery
Coarse
Pulverulent
Other _____

Product characteristics

Abrasive
Caking
Bridge-forming
Chemically aggressive
Electrostatically chargeable
Aliphatic
Hygroscopic
Sticky
Pourable
Torrential
Viscous
Dusty
Toxic
Other _____

Product 2

Designation _____
Proportion of the weight _____ kg
Bulk weight _____ kg/dm³
Dumping angle _____ °
Grain size _____ mm
Moisture _____ % H₂O
Viscosity _____ (if applicable)
Temperature _____ °C

Granular
Powdery
Coarse
Pulverulent
Other _____

Product characteristics

Abrasive
Caking
Bridge-forming
Chemically aggressive
Electrostatically chargeable
Aliphatic
Hygroscopic
Sticky
Pourable
Torrential
Viscous
Dusty
Toxic
Other _____

Product 3

Designation _____
Proportion of the weight _____ kg
Bulk weight _____ kg/dm³
Dumping angle _____ °
Grain size _____ mm
Moisture _____ % H₂O
Viscosity _____ (if applicable)
Temperature _____ °C

Granular
Powdery
Coarse
Pulverulent
Other _____

Product characteristics

Abrasive
Caking
Bridge-forming
Chemically aggressive
Electrostatically chargeable
Aliphatic
Hygroscopic
Sticky
Pourable
Torrential
Viscous
Dusty
Toxic
Other _____

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► Is there material available for testing?

Material for testing	Yes	No
Safety data sheet available	Yes	No

► Information about the task

Task	Dying Homogenizing	Mixing
Quantity		

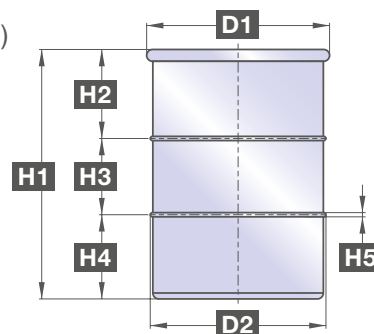
► Barrel size

Quantity	Barrel size	Diameter	Height	Crimps	Raw material	Weight
	10l	Approx. 250 mm	Approx. 279 mm	No	1,4541	Approx. 3.0 kg
	20l	Approx. 315 mm	Approx. 305 mm	No	1,4404	Approx. 5.5 kg
	25l	Approx. 315 mm	Approx. 345 mm	No	1,4404	Approx. 4.8 kg
	30l	Approx. 315 mm	Approx. 411 mm	No	1,4404	Approx. 5.9 kg
	35l	Approx. 315 mm	Approx. 491 mm	No	1,4404	Approx. 6.8 kg
	50l	Approx. 400 mm	Approx. 451 mm	No	1,4541	Approx. 9.0 kg
	50l	Approx. 450 mm	Approx. 355 mm	No	1,4404	Approx. 9.8 kg
	60l	Approx. 375 mm	Approx. 540 mm	No	1,4404	Approx. 8.5 kg
	60l	Approx. 400 mm	Approx. 620 mm	No	Polyethylene	Approx. 3.6 kg
	100l	Approx. 450 mm	Approx. 680 mm	No	1,4404	Approx. 14.0 kg
	100l	Approx. 496 mm	Approx. 800 mm	No	Polyethylene	Approx. 6.1 kg
	120l	Approx. 560 mm	Approx. 901 mm	No	1,4404	Approx. 22.1 kg
	120l	Approx. 590 mm	Approx. 980 mm	No	Polyethylene	Approx. 9.0 kg
	200l	Approx. 600 mm	Approx. 1083 mm	No	1,4404	Approx. 34.5 kg

► Barrel data (for on-site barrels, please provide information on the barrel)

Barrel/Medium 1

Weight	_____ kg	H1	_____ mm
Raw material	_____	H2	_____ mm
Number of crimps	_____	H3	_____ mm
D1	_____ mm	H4	_____ mm
D2	_____ mm	H5	_____ mm

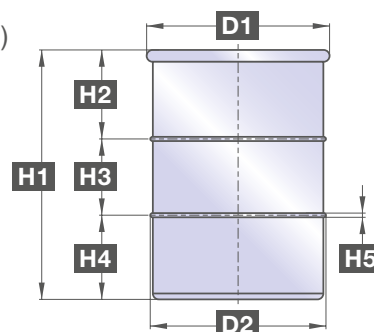


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► **Barrel data** (for on-site barrels, please provide information on the barrel)

Barrel/Medium 2

Weight _____	kg	H1 _____	mm
Raw material _____		H2 _____	mm
Number of crimps _____		H3 _____	mm
D1 _____	mm	H4 _____	mm
D2 _____	mm	H5 _____	mm



When placing an order, please send us an empty sample container for adapting it to the drum hoop mixer.

► **Should a mixing tool be offered as well?**

In order to accelerate and improve the mixing intensity for products in powder form.

Yes

No

► **Location of the mixer**

In the regular production area
On a pedestal
in an earthquake zone
Zone _____

On the hall floor
Other _____
not in an earthquake zone
Underground Class _____

In a clean room

► **Maximum available floor space**

Length	_____	mm
Width	_____	mm
Height	_____	mm

► **Should a safety guard be offered as well?**

According to EU guidelines for machines, the drum hoop mixer must be provided with an appropriate safety device.

Yes

No

Frame: Aluminum
Frame: Aluminum
Frame: Stainless steel
Other _____

Surface elements: Wave grid steel/galvanized
Surface elements: Acrylic glass
Surface elements: Acrylic glass

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► Hoop design

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

► Roller conveyor design

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

► 1. General

In which zone will the installation be deployed?

Gas, vapor or mist

dust

► continue to section 2

► continue to section 3

Note:

Our machines are designed for gas and dust Ex-Zones. A process-related intermixing of zones (hybrid mixture) causes deviations from the key explosion-relevant data (e.g. minimum ignition temperature, minimum ignition energy). This must be taken into consideration in the design of the machine. Should this be the case, please contact us.

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► 2. Gas, vapor or mist

ATEX zone internal (product chamber)

2	1	0	none
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ATEX zone external (installation site)

2	1	none
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Temperature class

T1 ($\leq 450\text{ °C}$)	T2 ($\leq 300\text{ °C}$)	T3 ($\leq 200\text{ °C}$)
T4 ($\leq 135\text{ °C}$)	T5 ($\leq 100\text{ °C}$)	T6 ($\leq 85\text{ °C}$)

Explosion group (applicable for gases, vapors, mists)

IIA (e.g. propane)	IIB (e.g. ethylene)	IIC (e.g. hydrogen)
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► 3. Dust

ATEX zone internal (product chamber)

22	21	20	none
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ATEX zone external (installation site)

22	21	none
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Maximum permissible surface temperature (T)

_____ °C	Optional: glow temperature _____ °C
	ignition temperature _____ °C

Explosion group (applies to dusts with a minimum ignition energy of $> 3\text{ mJ}$)

IIIA (combustible lint and fibers)	IIIB (non-conductive dust)	IIIC (conductive dust)
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► 4. Supplementary information regarding the drive

Motor ignition protection category (does not apply for vibration motors)

Pressure resistant enclosure Ex d	Increased safety Ex e
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► 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
FDAEU2023/2006
EU10/2011EU1935/2004
Other _____

► Control and power supply

Operating voltage _____ V
Frequency _____ Hz

If applicable/available:

Voltage type IT network earthing system TN-S network

Control voltage Alternating voltage _____ V Direct current voltage

Auxiliary energy Compressed air _____ bar
Nitrogen _____ bar

Type of protection IP _____

Additional information _____

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

Yes

No

Raw material Stainless steel Designation: _____
Mild steel Designation: _____
Other Designation: _____

Comments

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- **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**

Info for using this request form:

You have the option of filling in the request form and sending it to us directly. To do this, you must first save the PDF to your computer and then open it with the Acrobat Reader as the typical web browser's PDF viewer does not support the functions required for filling in the form and sending it.

If you click on the "Send" button after opening and filling in the request form, your email program will be opened automatically and the document will be attached automatically.