

# 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/dm<sup>3</sup>  
Dumping angle \_\_\_\_\_ °  
Grain size \_\_\_\_\_ mm  
Moisture \_\_\_\_\_ % H<sub>2</sub>O  
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/dm<sup>3</sup>  
Dumping angle \_\_\_\_\_ °  
Grain size \_\_\_\_\_ mm  
Moisture \_\_\_\_\_ % H<sub>2</sub>O  
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/dm<sup>3</sup>  
Dumping angle \_\_\_\_\_ °  
Grain size \_\_\_\_\_ mm  
Moisture \_\_\_\_\_ % H<sub>2</sub>O  
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
<input type="checkbox"/>	_____	10l	Approx. 250 mm	Approx. 279 mm	No	1,4541	Approx. 3.0 kg
<input type="checkbox"/>	_____	20l	Approx. 315 mm	Approx. 305 mm	No	1,4404	Approx. 5.5 kg
<input type="checkbox"/>	_____	25l	Approx. 315 mm	Approx. 345 mm	No	1,4404	Approx. 4.8 kg
<input type="checkbox"/>	_____	30l	Approx. 315 mm	Approx. 411 mm	No	1,4404	Approx. 5.9 kg
<input type="checkbox"/>	_____	35l	Approx. 315 mm	Approx. 491 mm	No	1,4404	Approx. 6.8 kg
<input type="checkbox"/>	_____	50l	Approx. 400 mm	Approx. 451 mm	No	1,4541	Approx. 9.0 kg
<input type="checkbox"/>	_____	50l	Approx. 450 mm	Approx. 355 mm	No	1,4404	Approx. 9.8 kg
<input type="checkbox"/>	_____	60l	Approx. 375 mm	Approx. 540 mm	No	1,4404	Approx. 8.5 kg
<input type="checkbox"/>	_____	60l	Approx. 400 mm	Approx. 620 mm	No	Polyethylene	Approx. 3.6 kg
<input type="checkbox"/>	_____	100l	Approx. 450 mm	Approx. 680 mm	No	1,4404	Approx. 14.0 kg
<input type="checkbox"/>	_____	100l	Approx. 496 mm	Approx. 800 mm	No	Polyethylene	Approx. 6.1 kg
<input type="checkbox"/>	_____	120l	Approx. 560 mm	Approx. 901 mm	No	1,4404	Approx. 22.1 kg
<input type="checkbox"/>	_____	120l	Approx. 590 mm	Approx. 980 mm	No	Polyethylene	Approx. 9.0 kg
<input type="checkbox"/>	_____	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

Raw material \_\_\_\_\_

Number of crimps \_\_\_\_\_

**D1** \_\_\_\_\_ mm

**D2** \_\_\_\_\_ mm

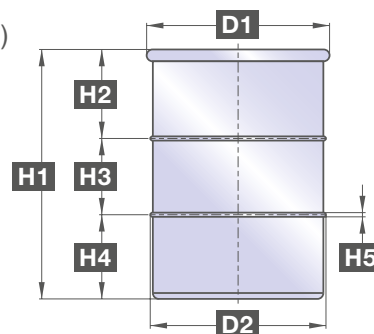
**H1** \_\_\_\_\_ mm

**H2** \_\_\_\_\_ mm

**H3** \_\_\_\_\_ mm

**H4** \_\_\_\_\_ mm

**H5** \_\_\_\_\_ mm

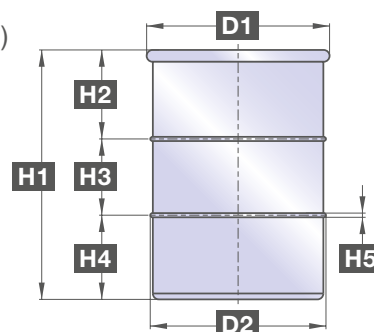


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► **Barrel data** (for on-site barrels, please provide information on the barrel)

**Barrel/Medium 2**

Weight _____	kg	<b>H1</b> _____	mm
Raw material _____		<b>H2</b> _____	mm
Number of crimps _____		<b>H3</b> _____	mm
<b>D1</b> _____	mm	<b>H4</b> _____	mm
<b>D2</b> _____	mm	<b>H5</b> _____	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**

<input type="radio"/> In the regular production area	<input type="radio"/> On the hall floor	<input type="radio"/> In a clean room
<input type="radio"/> On a pedestal	<input type="radio"/> Other _____	
<input type="radio"/> in an earthquake zone	<input type="radio"/> not in an earthquake zone	

► **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

<input type="radio"/> Frame: Aluminum	Surface elements: Wave grid steel/galvanized
<input type="radio"/> Frame: Aluminum	Surface elements: Acrylic glass
<input type="radio"/> Frame: Stainless steel	Surface elements: Acrylic glass
<input type="radio"/> Other _____	

# Drum hoop mixer



## ► Hoop design

Raw material	<input type="radio"/> Stainless steel	Designation: _____
	<input type="radio"/> Other	Designation: _____
Surface treatment	<input type="radio"/> Sandblasted SA 2 ½	<input type="radio"/> Pickled and passivated
	<input type="radio"/> Glass bead blasted	<input type="radio"/> Polished electrolytically
	<input type="radio"/> Polished grain	<input type="radio"/> Coated _____
	Max. roughness depth _____ µm	<input type="radio"/> Other _____

## ► Roller conveyor design

Raw material	<input type="radio"/> Stainless steel	Designation: _____
	<input type="radio"/> Mild steel	Designation: _____
	<input type="radio"/> Other	Designation: _____
Surface treatment	<input type="radio"/> Sandblasted SA 2 ½	<input type="radio"/> Pickled and passivated
	<input type="radio"/> Glass bead blasted	<input type="radio"/> Polished electrolytically
	<input type="radio"/> Polished grain	<input type="radio"/> Coated _____
	Max. roughness depth _____ µm	<input type="radio"/> Other _____

## ► 1. General

In which zone will the installation be deployed?

- ☐ Gas, vapor or mist      ☐ dust

### 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

**ATEX zone external** (installation site)

- ☐ 2                      ☐ 1                      ☐ none

### Temperature class

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

**Explosion group** (applicable for gases, vapors, mists)

- ☐ IIA (e.g. propane)      ☐ IIB (e.g. ethylene)      ☐ IIC (e.g. hydrogen)

### ► 3. Dust

**ATEX zone internal** (product chamber)

- ☐ 22                      ☐ 21                      ☐ 20                      ☐ none

**ATEX zone external** (installation site)

- ☐ 22                      ☐ 21                      ☐ none

### 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 mJ)

- ☐ IIIA (combustible lint and fibers)      ☐ IIIB (non-conductive dust)      ☐ IIIC (conductive dust)

#### ► 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 ☐ EU2023/2006 ☐ EU1935/2004  
☐ FDA ☐ EU10/2011 ☐ 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

\_\_\_\_\_

\_\_\_\_\_

## Drum hoop mixer

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

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► **Notes**

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► **Attachments**

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► **Quotation submission by**

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**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.

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