SaintyCo

Pharma Process & Packaging

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HM-LAB

Hammer Mill

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HM-Lab

SaintyCo, a world leader in powder size reduction technologies, presents **HM-Lab**, offering modular milling solution for the pharmaceutical, chemical and food industries.

HM-Lab is a high-performance hammer mill for the fine milling and pulverization of hard, crystalline, elastic or fibrous products.

"
FLEXIBLE,
COMPACT
&EFFICIENT!"

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Feature:

- The milling chamber can be dismantled via a tri-clamp.
- The safety switch does not have cable outside.
- The half round screen has as high as 40% active opening.
- Easy to clean, no outside cable.
- Easy assembly.
- Easy access of operation.
- The smallest milling size is 30um.

Advantages:

- Highest speed can reach 18000 rpm.
- Minimum particle size can be 30um.
- Suitable for batch 5g-50kg.
- Support CIP/SIP.
- All tri-clamp assembled feeding device.
- AT rotating cylinder.
- The high speed rotor with both knife and hammer side.
- The rotor and the sieve do not have mechanical contact.
- High active opening sieve.
- The milling head can be easily dismantled.

Function:

The product goes through the feeding valve which ensures a consistent product flow to the milling chamber. Then the product is impacted by the high speed rotor and then becomes smaller particles which goes down through a screen mounting below the rotor. Customer can adjust the rotor speed and screen size to achieve required particle size distribution.

HM-Lab Milling Process

HM-Lab Hammer Mill

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Ergonomic and easy to use:

- Modular, compact design.
- Easily change rotor and screen.
- Mobile support stand.
- Lightweight, detachable milling head
- The "Error Proof System" guarantees correct installation and removal of the rotor and screen.

Cleaning according to the strictest health standards:

- Milling head can resist steam sterilization under pressure 2.2 bar.
- The milling head is made from stainless steel 316L.The polished, even surfaces allow the product to flow through without friction and without leaving residues.
- Supports WIP and SIP.

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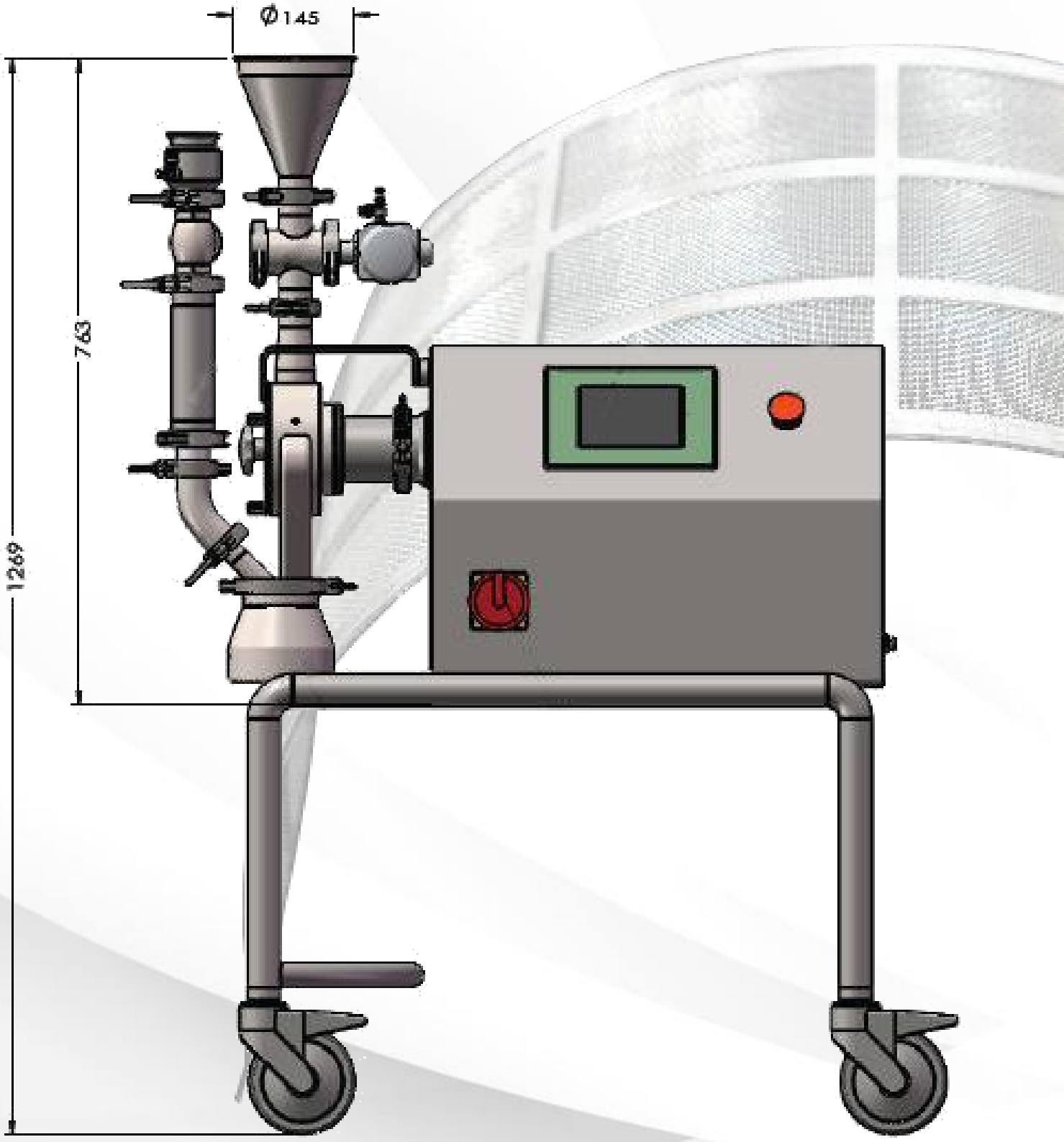

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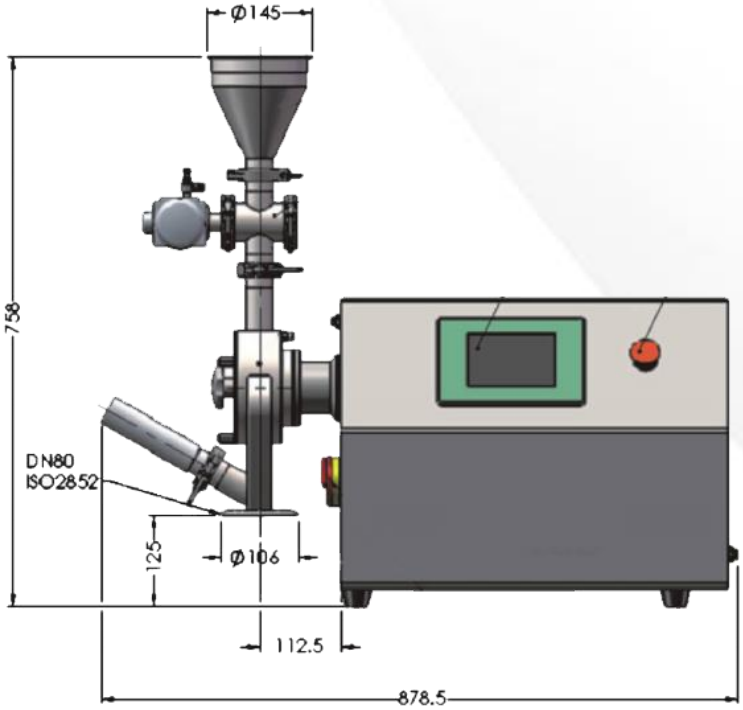

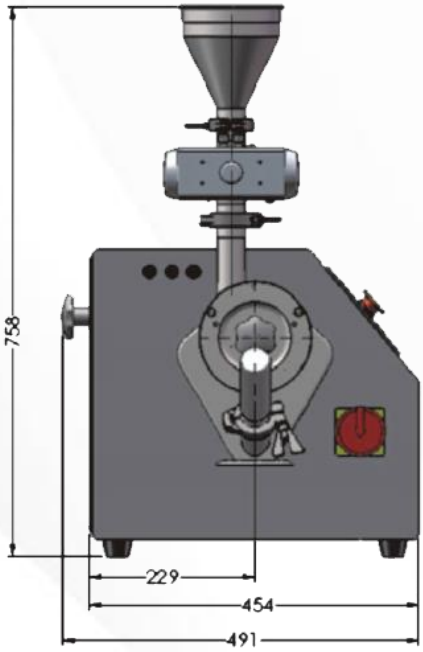

Technical Data	HM-Lab
Throughput	50g-120 kg/h
Speed	Max.18000rpm
Voltage	220V 50Hz
Power	0.75 Kw
Dimensions	879×491×758mm
Weight	~60Kg

SaintyCo Also Offer:

- Cone Mill
- IBC Blending System
- Coating Systems
- High Shear Mixer Granulator
- Roll Compactor
- Tablet Compression Solutions

For additional information, please drop E-mail to
info@saintyco.com

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