

Powder Milling Systems

Product Data







Mulino[®] Series

Product Data

Contents

Mulino[®] **600H**

Mulino[®] **1200H**

Mulino® 600H/1200H

Automatic Pharma Hammer Mills



The Mulino® series of Pharma Hammer Mills are designed to automatically reduce the average particle size in a Pharmaceutical, Food & Chemical powder. AVE Technologies Group prides itself on being a leader in powder size reduction technologies.

The Mulino® series of Automatic Hammer Mills represents the pinnacle of modularity, simplicity and costs savings.

Fully cGMP and CE compliant.



The Mulino® 600H/1200H range includes many standard features, increasing performance and reliability:

- Wider active sieve surface guarantees higher throughput & minimum temperature rise.
- Easy assembly and dismantling of the milling chamber
- Easy to clean with minimum maintenance
- User-friendly HMI touch screen
- Modular compact design
- Milling head can resist steam sterilization under pressure 2.2 bar
- Tri-clamp feeder assembly
- AT rotating cylinder
- Adjustable rotor speed
- No mechanical contact between rotor and sieve
- High active opening sieve
- Easy to dismantle Milling Head
- Easy screen changeover
- Mobile support stand with adjustable height
- Supports WIP and CIP system

Construction	Contact parts	Non-contact parts
Metal	SS316/316L	SS304
Seals	FDA compliant plastic (EPDM/PTFE)	Various polymers
Surfaces	Ra<0.4, polished	Ra<0.8, polished
Weld seams	Ground and polished	Brushed and treated
Rotor	<i>Depending on product, rotor side and hammer side can be chosen</i>	
Screen	<i>Square from 0.1mm to 10mm Mesh</i>	

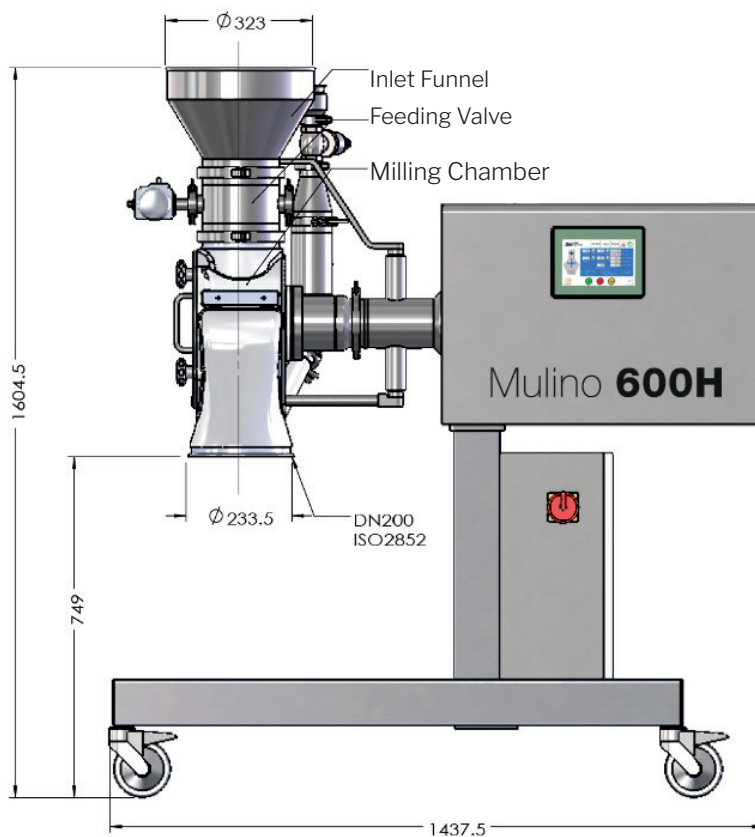
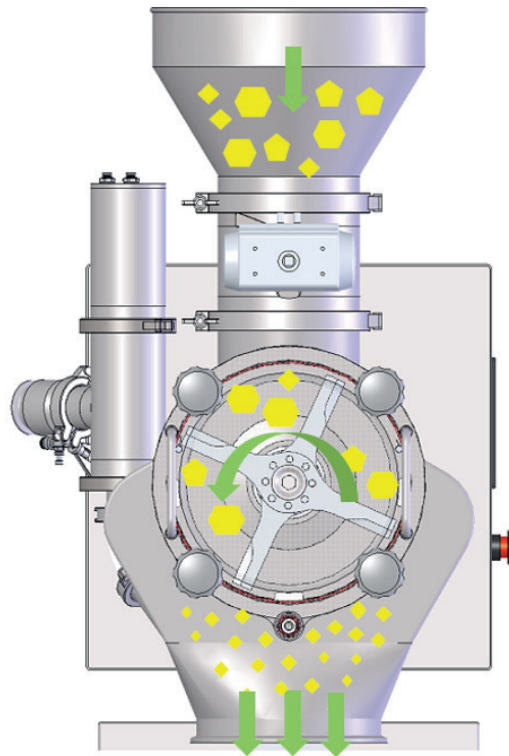
Model	Throughput	Voltage	Speed	Power	Weight
Mulino® 600H	50-600kg/h	380V-50Hz	Max 6000rpm	4.0kw	250kg
Mulino® 1200H	50-1200kg/h	380V-50Hz	Max 4500rpm	7.5kw	300kg



Mulino[®] 600H/1200H

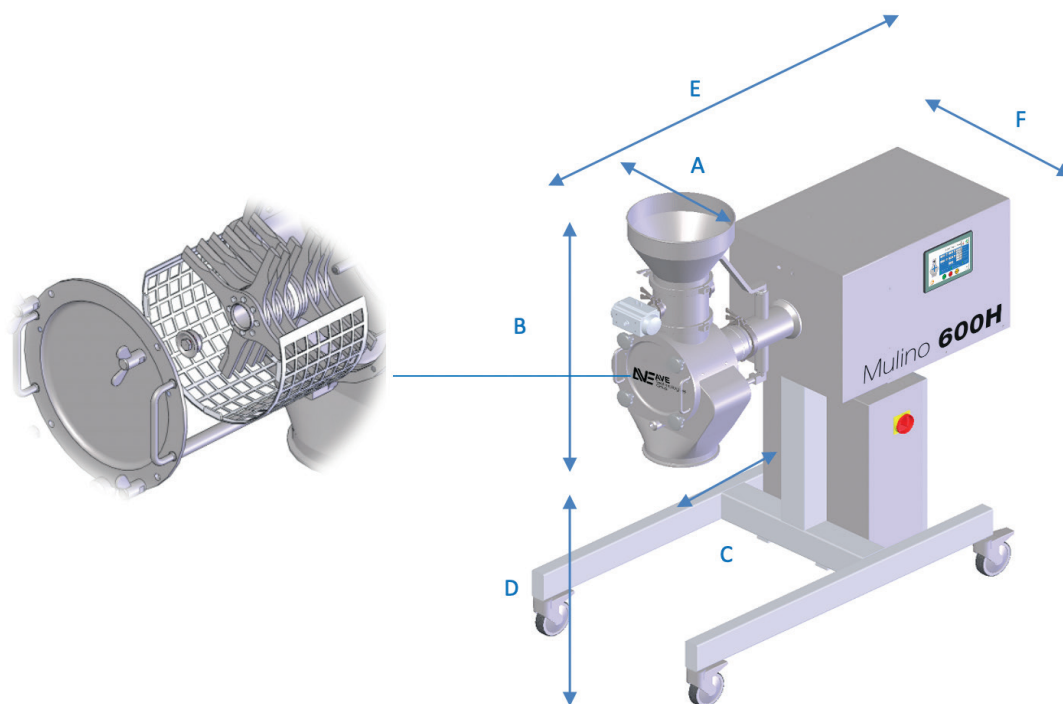
Working Principle:

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 into smaller particles before sieving down through the screen mounting below the rotor. The “Error Proof System” guarantees correct installation and removal of the rotor and screen.



Dimensions/Footprint

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Dimensions (mm)	A	B	C	D	E	F
Mulino® 600H	320	865	445	740	1440	750
Mulino® 1200H	320	1035	473	660	1488	750

