

HAMMER MILLS - HIGH SPEED MILLS - SERIES HM

TURBO MILL – TYPE HM

The hammer mill type HM with pneumatic conveying has been designed for a wide range of bulk materials, e.g. for grinding of grain or oat husks, but also for refining of diverse kinds of wood.

A specially developed turbo rotor generates a strong air flow for the transport of the ground product, similar like a fan.

The HM series comprises of three sizes and a range between 18,5 and 45 kW for the drive.



TECHNICAL DETAILS

- Asymmetric housing, choice of outlet to left or right side
- Enforced beaters and impact plates, exchangeable
- Best access to the grinding chamber through a large front door
- Automatic door locking system with stand still monitor

	HM 1	HM 2	HM 3
Mill size			
Diameter of grinding chamber (mm)		700	
Width of screen (mm)	150	200	250
Grinding chamber (m ²)	0,3	0,4	0,5
Pneumatic conveying distance		Up to 12m	
Drive 3000 rpm, 50 Hz (3600 rpm 60 Hz)			
Maximum motor size (kW)	30	40	50
Typical motor size (kW)	22	37	45
Dimensions and Weights			
Length*(approx. mm)	1550	1750	1900
Width (approx. mm)	900	900	900
Height (approx. mm)	1196	1196	1196
Weight without motor (kg)	500	550	610

*depending on motor size

STANDARD SCOPE

- Rigid base frame
- flexible coupling with protection cover
- vibration dampers
- Transition piece for discharge
- 1 set of beaters, fitted in mill
- 2 sets of screens, one which fitted in the mill
- 1 set of special tools
- Multi-layer coating, choice of color RAL 7032 (pebble grey) or RAL 1015 (ivory)

OPTIONS

- Drive motor B3 with integrated PTC sensors
- Bearing temperature control system according ATEX regulations
- Mill temperature control system according ATEX regulations
- Explosion protection: Explosion pressure shock resistant and flame penetration proof design to meet ATEX regulations