

HAMMER MILLS - HIGH SPEED MILLS - SERIES LDE

HIGH SPEED MILL - TYPE LDE

The mill type LDE is designed for grinding of dry and free flowing products as well as for fat containing or high protein products, and also for high fibers.
The LDE series comprises of five sizes and a range between 55 and 200 kW for the drive



TECHNICAL DETAILS

- Symmetric housing, allows operation in both directions
- Swiveling inlet flap with proximity switches to change sense of rotation
- Enforced impact plates as both sides of the mill inlet, exchangeable
- Foreign body trap inside the grinding chamber, easy to clean
- Two-segment sieve
- Change screens while machine is idle running
- Automatic door locking system with stand still monitor

	LDE 5	LDE 7	LDE 9
Mill size			
Diameter of grinding chamber (mm)		680	
Width of screen (mm)	520	760	1000
Grinding chamber (m ²)	0,8	1,1	1,5
Drive 1500 rpm, 50 Hz speed between 1200 and 3600 rpm (20-60 Hz) möglich			
Maximum motor size (kW)	90	132	200
Typical motor size (kW)	90	132	160
Dimensions and Weights			
Length (a)* (approx. mm)	2350	2750	3150
Width (approx. mm)	1220	1220	1220
Height (approx. mm)	1195	1195	1195
Weight without motor (kg)	1450	1650	1950

*depending on motor size

STANDARD SCOPE OF SUPPLY

- Rigid base frame
- Flexible coupling with protection hood
- Vibration dampers
- Sealing for mill outlet
- 1 set of beaters fitted in mill
- 2 sets of screens, fitted on screen frames
- 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
- quick change device for beaters
- Underpressure controller for grinding chamber (vacuum controller)
- Explosion protection: Explosion pressure shock resistant and flame penetration proof design to meet ATEX regulations