

HAMMER MILL - LARGE CHAMBER MILL - **TYPE GD**X

AUTOMATIC SCREEN CHANGE AT RUNNING MACHINE

The mill type GD 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 GD series comprises of four sizes and a range between 132 and 355 kW for the drive, and an automated screen change. Eight screens fitted in frames can be combined without exchanging sieves to optimize the grist spectrum of your product.



TECHNICAL DETAILS

- Symmetric housing, allows operation in both directions
- Pneumatic servo drive for mill inlet flap (for remote control of changing of sense of rotation)
- Enforced impact plates at both sides of the mill inlet, exchangeable
- Foreign body trap inside the grinding chamber, easy to clean
- Special rotor design, run down time less than 6 minutes without brake
- Four segment sieve with chain tensioning, exchange single elements when worn
- Change screens while machine has stopped
- Automatic door locking system with stand still monitor

		GDX 12	GDX 20
Mill size			
Diameter of grinding chamber	mm	1200	1200
Width of screen	mm	640	1000
Grinding chamber	m ²	1,85	2,80
Drive 1500 1/min, 50 Hz – (speed between 900 and 1800 1/min (30-60 Hz) allowed)			
Maximum motor size	kW	240	355
Typical motor size	kW	200	315
Dimensions and Weights			
Length*	approx. mm	3300	4460
Width	approx. mm	1600	1600
Height	approx. mm	1750	1750
Weight without motor	kg	3800	4800

*depending on motor size

Measuring surface sound pressure level < 88 dB(A) (at load conditions)

STANDARD SCOPE OF SUPPLY:

- Rigid motor base frame
- Flexible coupling with protection hood
- Vibration dampers
- Sealing for mill outlet
- 1 set of beaters fitted on beater frames
- 2 sets of screens, one set fitted in the mill
- 1 set of special tools
- Multi-layer coating, choice of color RAL 7032 (pebble grey) or RAL 1015 (ivory)
- Beater frame changing device

**ATEX Kategorie
II 3 D****Druckstoßfestigkeit
0,4 bar****OPTIONS:**

- Drive motor B3 with integrated PTC sensors
- Bearing temperature control system according ATEX regulations
- Mill temperature control system according ATEX regulations
- Underpressure controller for grinding chamber (vacuum controller)
- Explosion protection: Explosion pressure shock resistant and flame penetration proof design to meet ATEX regulations