

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

## POWER PACKAGE – SCREENS CAN BE CHANGED WITHOUT TOOLS

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 90 and 450 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 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

		GD 8	GD 12	GD 20	GD 25
<b>Mill size</b>					
Diameter of grinding chamber	mm	1200	1200	1200	1200
Width of screen	mm	400	640	1000	1250
Grinding chamber	m <sup>2</sup>	1,15	1,85	2,80	3,60
<b>Drive 1500 rpm, 50Hz</b> – (speed between 900 and 1800 rpm (30 – 60 Hz) allowed)					
Maximum motor size	kW	160	200	355	450
Typical motor size	kW	132	160	315	400
<b>Dimensions and Weights</b>					
Length*	approx. mm	2370	2610	3050	3300
Width	approx. mm	1600	1600	1600	1600
Height	approx. mm	1600	1600	1600	1600
Weight without motor	kg	1550	1900	2400	2800

\*depending on motor size

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

**STANDARD SUPPLY AND OPTIONS****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 (not for GD8)

**OPTIONS:**

- Drive motor B3 with integrated PTC sensors
- Bearing temperature control system according ATEX regulations
- Mill temperature control system according ATEX regulations
- Pneumatic servo drive for mill inlet flap (for remote control of changing of sense of rotation)
- Underpressure controller for grinding chamber (vacuum controller)
- Explosion protection: Explosion pressure shock resistant and flame penetration proof design to meet ATEX regulations