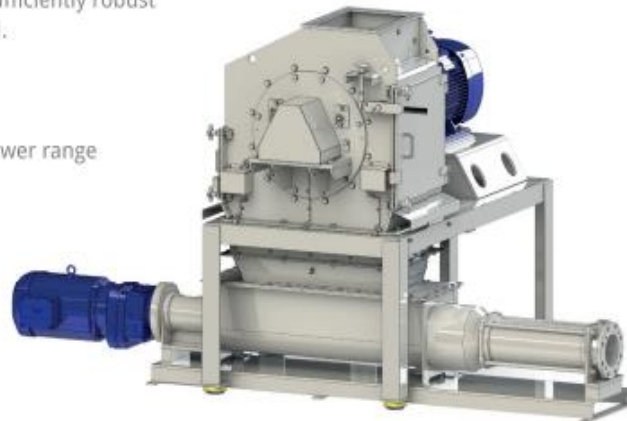


HAMMER MILL – HIGH-SPEED MILL - SERIES BIMIX

FOR THE RELIABLE TREATMENT OF LARGER GOODS

The Hammer Mill Series BIMIX is ideally suited to the demanding task of wet grinding unpackaged commercial biowaste and food waste, which is comprised of contaminants and or impurities. It is sufficiently robust to cope with abattoir waste containing bone material. A defined particle size is achieved after crushing to make the product pumpable.

The BIMIX series comprises two sizes with a drive-power range between 75 and 160 kW. It is used in disposal companies as well as in biogas plants.



TECHNICAL DETAILS

- Various connection options for a liquid dosing
- Asymmetrical design
- Exchangeable, hardened impact plates at both sides of the mill inlet
- Large catch-trap for foreign bodies inside the grinding chamber, easy to clean
- One-sided grinding chamber access optionally by folding or sliding door
- Single screen segment
- Automatic door-locking system with stand monitor
- Housing and rotor made of stainless steel V2A/1.4301/AISI304

Mill Type	BIMIX 500	BIMIX 700		
Grinding chamber diameter	680 mm	680 mm		
Screen width	520 mm	520 mm		
Grinding chamber area	0.5 m ²	0.8 m ²		
Dimensions and Weights				
Length* (approx.)	1510 mm	1750 mm		
Width (approx.)	1180 mm	1180 mm		
Height (approx.)	1315 mm	1315 mm		
Weight without motor	1400 kg	1650 kg		
* depending on motor size				
Drive 3000 1/min, 50 Hz (speed between 1800 and 3600 1/min (30 – 60 Hz)				
Power range (kW)	75 kW	110 kW	110 kW	160 kW

Common application ■

STANDARD SUPPLY AND OPTIONS

STANDARD SCOPE OF SUPPLY:

- Supporting frame
- Elastic pin coupling (N-Eupex) with protection hood
- Vibration dampers
- 1 set of beaters fitted on beater frames
- Screens, fitted in the mill
- 1 set of special tools
- Multi-layer coating: colour 7032 (pebble grey) or RAL 9001 (cream)
- Bearing-temperature monitoring

OPTIONS:

According to your system requirements, we combine and supplement the BIMIX mill with individually tailored system components to the complete processing plant, if necessary, also fully automated.

- Receiving bunker with dosing screws
- Tons and Palox tippers of the latest generation
- Water-saving washing system with low chemical input
- Various storage silos (also elevated)
- Plant construction in accordance with the hygiene regulations on site
- Process control technology



Hardened impact plates



Inlet



Catch-trap for foreign bodies



Bearing-temperature monitoring