

ADVANTAGES

- Adjustable retention time
- Adjustable rotor speed
- Adjustable material transport
- Specialist grinding plates
- Smart power consumption
- Maximised loading efficiency

These key features as a combination offer great flexibility and targeted material treatment.

OPERATING PRINCIPLE

- Material feed via an inlet pipe - suitable for granulates, powders and other solids
- Variable-speed rotor accelerates the material via impact plates and throws it against fixed grinding tracks
- Optimised impact forces and material on material collisions facilitate targeted surface abrasion and balling of material – without excessive disintegration of materials and fines production
- Pneumatic air transport for extracting and discharging the material
- Result: optimally conditioned material for downstream separation and sorting processes

APPLICATION

- Targeted Refining of Composite Materials



TECHNICAL DATA

Type	HOTU500x300	HOTU1000x400
Motor power	55kW 75kW 90kW	110kW 132kW 160kW
Milling principle	Grinding plates against wear strips	
Dimensions (LxWxH)	2.242 x 1.563 x 1.573 mm	3.097 x 2.919 x 2.441 mm
Weight	max. 1.590 kg	max. 4.200 kg
Extraction capacity	3.500 m³/h required	6.000 m³/h-7.500 m³/h required
Noise emission	> 90 dB(A), Sound insulation recommended	> 85 dB(A), Sound insulation recommended
Feeding	mechanical via dosing screw	
Discharge	pneumatic	
Cooling system	air flow	
Safety functions	Guard locking, vibration and temperature monitoring	
Throughput rate	55kW: 1000 - 1200 kg/h 75kW: 1400 - 1500 kg/h 90kW: 1700 - 1900 kg/h	110kW: 2000 - 2300 kg/h 132kW: 2500 - 2800 kg/h 160kW: 3000 - 3500 kg/h

CONFIGURATION: HOTU HD

HOTU-HD is a reinforced version of the proven HOTU series. It has been specially developed for more abrasive materials, higher loads and longer service life.

Differences compared to HOTU:

- Reinforced rotor
- Grinding plates with extended service life
- Grinding track with a geometry optimized for durability
- Grinding track and grinding plates available in various wear-resistant materials