High capacity hammermill **BK-HH 400 x 1500**
Data's, features, types **BK-HH 500 x 1800**
BK-HH 600 x 2000

General utilization:
Used for production of core and surface layer materials for the particle board industry as well as fine and materials for different purposes. Processing of dry and wet material.
Degree of fineness is adjustable by application of different screen hole shapes and sizes.

Infeed material:	Chips, saw dust, wood shavings, knife-ring shavings, sifter oversized material, recycling chips, chips of different annual plants.
Max. size:	150 x 80 x 30 mm
Moisture content:	2 to 80%
Final product:	pin-shaped chips corresponding to the screen perforation

Basic version:
- Vertical material infeed
- Flap in infeed opening, hydraulically operated, to guide the incoming material according to rotation direction of hammer rotor to the left or to the right.
  Final positions controlled by limit switches
- 3-part machine casing, welded, heavy duty construction
- side parts hydraulically folding up and down
- screen and milling segment integrated in side parts
- milling segments surface hardened
- hammer rotor in welded construction, dynamically balanced, pendulous hammers of HARDOX 500 mounted on surface hardened shafts
- hammers on 4 edges usable because of 2 bore holes
- V-belt-pulley mounted on rotor shaft
- Hydraulic system consisting of:
  hydraulic power pack with Valves 24 VDC, filter, float switch, temperature controller (installed sep. beside the hammermill) as well as
  4 hydraulic cylinders equipped with pipe-break valve, tubes and pipework, installed at the machine
- 0-speed switch 24 VDC
- limits switches to control side parts position.
- electric components cabled to terminal box
- Standard colour: machines RAL 5007 brillant blue
  Guards RAL 2008 bright-red-orange

Accessories/options:
- Standard feeding system consisting of :
  - Vibrator conveyor
  - Magnet drum
  - Dust hood (= chute to infeed opening of infeed hopper or heavy particle separator.
  - Frame (sectional steel structure)
  - Chute underneath magnet drum (outfeed of separated ferritic particles)
- Other feeding systems (belt conveyors e.g. as per customers requirements)
- Infeed hopper **or alternativ:**
- Heavy particle separator Type CLEANER
- Main drive motor
- Drive group consisting of: 1 set V-belts, motor pulley, motor slide rails, belt guard
- RAL - colour as per customers request

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BRUKS KLÖCKNER WOOD TECHNOLOGY

Technical features of BRUKS-KLÖCKNER hammermills Typ BK-HH

1. Operation with left-hand rotation and right-hand rotation, this results in using all working edges of hammers, screens and milling segments without turning these.
2. Easy access to all tools and wear parts because machine sides are possible to open and close hydraulically.
3. Long lifetime of tools because of using high wear resistance materials
4. Low maintenace requirements
5. Electric components cabled to terminal box
6. Solid, heavy duty Construction, designed for continous operation

Technical data hammermill BK-HH 400 x 1500

Infeed opening:	400 mm x 1500 mm
hammer rotor dia.:	1000 mm
hammer rotor length:	1630 mm
hammer rotor rpm :	1480 min-1, (varying for different purposes)
screen and mill area nominal.:	4.1 m²
no. of hammers (1 set):	213
thickness of hammers:	12 mm
no. of milling segment (1 set):	8
no. of screens (1 set):	4 - perforated metal sheets or CONIDUR-screens usable
capacity:	ca. 2,5 – 6 to/h (depending on type and moisture content of raw material as well as screen perforation)
sound pressure level:	no load running 90 - 92 dB(A) in 1 m distance of machine load operation 95 - 100 dB(A) in 1 m distance of machine
motor power:	200 - 315 kW
motor power hydraulic pump:	1,5 kW
self generated air:	ca. 12.000 m3/h varying, depending on rotor rpm and screen perforation)
service voltage:	400 V (standard)*
frequency:	50 Hz (standard)*
control voltage :	230 V (standard)*
solenoid voltage:	24 VDC (standard)*
net weight:	hammer mill ca. 6.300 kg hydraulic power pack: ca. 170 kg (incl. oil filling)
dimension (L x B x H):	hammer mill approx. 2400 mm x 1700 mm x 1650 mm hydraulic power pack approx. .....

Technical data hammermill BK-HH 500 x 1800

Infeed opening:	500 mm x 1800 mm
hammer rotor dia.:	1300 mm
hammer rotor length:	1935 mm
hammer rotor rpm :	1130 min-1, (varying for different purposes)
screen and mill area nominal.:	6.5 m²
no. of hammers (1 set):	316
thickness of hammers:	15 mm
no. of milling segment (1 set):	8
no. of screens (1 set):	4 - perforated metal sheets or CONIDUR-screens usable
capacity:	ca. 4 -12 to/h dB (depending on type and moisture content of raw material as well as screen perforation)
sound pressure level:	no load running 90 - 92 dB(A) in 1 m distance of machine load operation 95 - 100 dB(A) in 1 m distance of machine
motor power:	315 - 400 kW

motor power hydraulic pump: 2,2 kW

self generated air:	ca. 16.000 m3/h varying depending on Rotor rpm and screen perforation)
service voltage:	400 V (standard)*
frequency:	50 Hz (standard)*
control voltage :	230 V (standard)*
solenoid voltage:	24 VDC (standard)*
net weight:	hammer mill ca. 9.500 kg
	hydraulic power pack: ca. 200 kg (incl. oil filling)
dimension (L x B x H):	hammer mill approx. 3000 mm x 2200 mm x 1950 mm
	hydraulic power pack approx. .....

Technical data hammermill BK-HH 600 x 2000

Infeed opening:	600 mm x 2000 mm
hammer rotor dia.:	1600 mm
hammer rotor length:	2150 mm
hammer rotor rpm :	930 min-1, (varying for different purposes)
screen and mill area nominal.:	8.9 m²
no. of hammers (1 set):	439
thickness of hammers:	15 mm
no. of milling segment (1 set):	8
no of screens (1 set):	4 - perforated metal sheets or CONIDUR-screens usable
capacity:	ca. 5 - 15 to/h dB (depending on type and moisture content of raw material as well as screen perforation)
sound pressure level:	no load running 90 - 92 dB(A) in 1 m distance of machine
	load operation 95 - 100 dB(A) in 1 m distance of machine
motor power:	400 - 560 kW
motor power hydraulic pump:	2,2 kW
self generated air:	ca. 22.000 m3/h varying depending on rotor rpm and screen perforation)
service voltage:	400 V (standard)*
frequency:	50 Hz (standard)*
control voltage :	230 V (standard)*
solenoid voltage:	24 VDC (standard)*
net weight:	hammer mill ca. 13.000 kg
	hydraulic power pack: ca. 200 kg (incl. oil filling)
dimension (L x B x H):	hammer mill approx. 3400 mm x 2700 mm x 2600 mm
	hydraulic power pack approx. .....

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