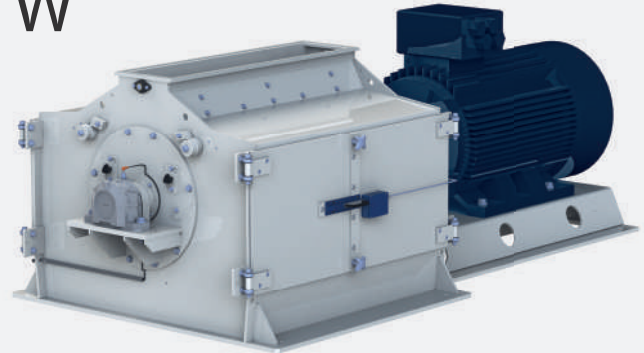


**For Grinding Wet Wood and Moist or Sticky Products**

# WIDE CHAMBER MILL W

The wide-chamber mill W was specially developed for grinding wet or moist wood. A special housing geometry prevents sticking due to the material moisture in the grinding chamber. The machine grinds both hardwood and softwood with a water content of up to 60 %. It is also suitable for other products that tend to stick due to a high fat content, for example.



## Your Advantages

### Efficient Grinding of Moist or Sticky Products

- For products with up to 60 % water content or tendency to adhere
- Optimised impact zone with hardened impact plates on both sides of the inlet
- Rotor design also suitable for large pieces of material that are difficult to shred
- Variable grist spectrum by adjusting the beater circumferential speed (when using a frequency converter), the screen perforation and the beater configuration

### Reliable Operation and Long Service Life

- Robust welded steel construction for continuous industrial operation (24/7)
- Grinding chamber equipped with wear elements to protect the housing, easy to change
- Durable, optimised rotor design, dynamically balanced, operation in both directions of rotation

- To protect the screens: foreign body catch trap for impurities inside the grinding chamber

### High Availability with Low Downtimes

- Rotor with short run-down time < 6 min without brake
- Wide-opening doors allow easy and quick access to the machine interior
- 2-part screen segments without frame, easy and quick to change segment by segment

### High Safety of Personnel and Plant

- Standstill monitoring with door safety device
- ATEX design according to zone 21 (II 2 D) inside and zone 22 (II 3 D) outside optionally possible

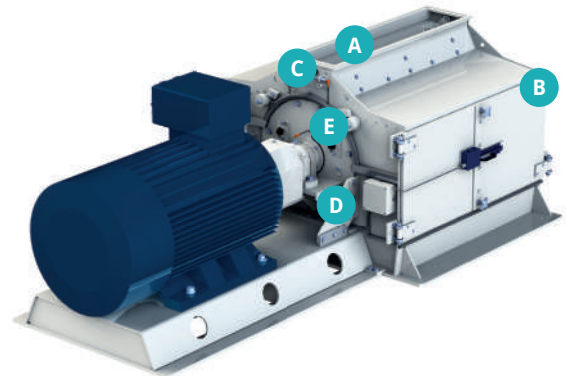
## Technical Details

Type	W 400	W 700	W 1000	W 1200
Grinding chamber diameter (mm)	680	680	680	680
Screen width (mm)	400	760	1000	1250
Grinding chamber area (m <sup>2</sup> )	0.6	1.1	1.5	1.8
Dimensions and weight				
Length* x width x height (approx. mm) <small>*depending on motor size</small>	2250 x 1665 x 1150	2710 x 1665 x 1150	2950 x 1665 x 1150	3150 x 1665 x 1150
Weight without motor (approx. kg)	1550	1700	1950	2250
Drive				
Motor size (kW)	75	110 - 132	160 - 200	200 - 250
Speed 50 Hz/60 Hz (rpm)	1500/1800	1500/1800	1500/1800	1500/1800
Speed with frequency converter 30-60 Hz (rpm)	1800 - 3600	1800 - 3600	1800 - 3600	1800 - 3600

## Standard Supply and Options

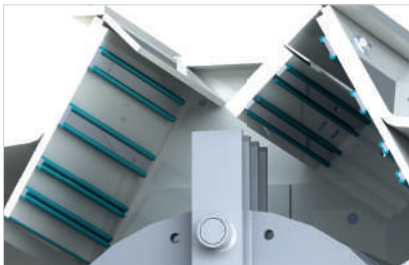
### Standard Scope of Supply:

- Pressure shock resistant up to 0.4 bar and flameproof
- Automatic door locking with standstill monitoring
- Flexible cam coupling (N-EUPEX) with coupling guard
- Vibration dampers, height adjustable
- Manually operated inlet flap with position switch for changing the direction of rotation
- Sealing flange for the grist outlet
- Electrical components completely wired to terminal boxes
- Drive motor B3 with integrated PTC thermistor sensors
- 1 set of beaters, ready mounted
- Beater frame changing device
- 2 sets of screens, one of them mounted in the mill
- 1 set of special tools
- Multi-layer coating



### Option:

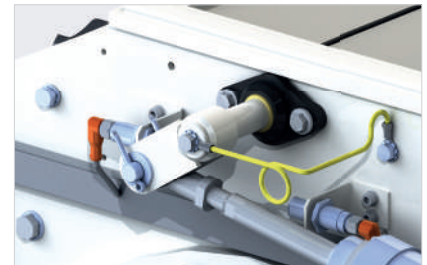
- Safety package consisting of:
  - Bearing temperature monitoring
  - Grinding chamber temperature monitoring
  - Grinding chamber vacuum monitoring
- ATEX design according to zone 21 (II 2 D) inside and zone 22 (II 3 D) outside
- Pneumatically operated inlet flap (automatic change of direction of rotation)



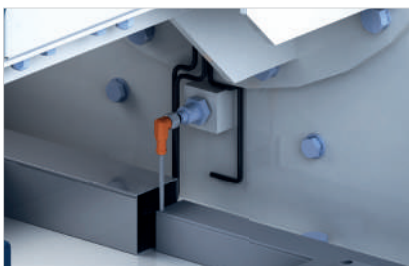
**A** Hardened impact plates



**B** Extra wide mill housing



**C** Pneumatically operated inlet flap (option)



**D** Grinding chamber temperature monitoring



**E** Bearing temperature monitoring