

Beating Rotor SRH

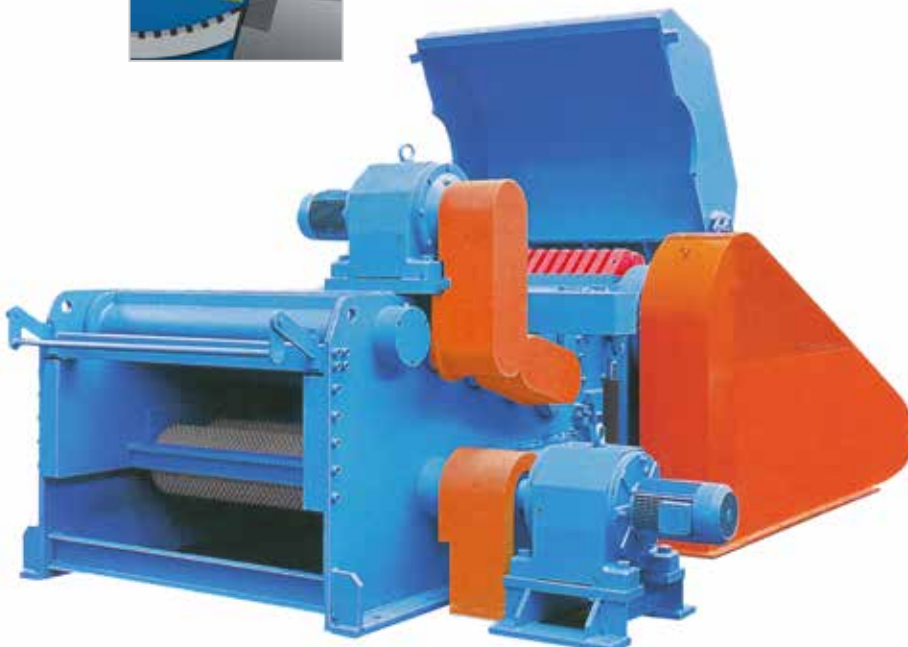
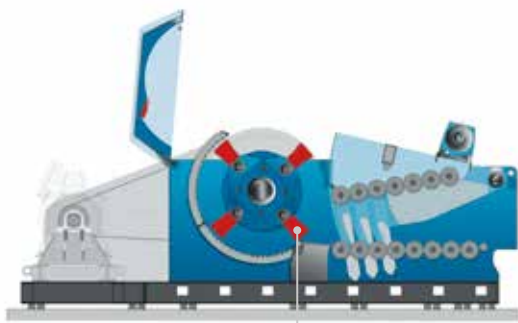
Reduction of recycling material and brittle residues



The MAIER Beating Rotor SRH is a solid and reliable machine for the production of wood chips from pre-crushed industrial waste wood, pallets, reclaimed timber or saw mill residues as well as for the reduction of urban waste contingents. The output material can be used as high-quality input e.g. for the panel board industry or for thermal utilization in power plants.

The pre-cleaned material is usually fed to the infeed of the SRH by vibration conveyor. Specially toothed infeed rollers grip the material and forward it to the rotor. The material is crushed with high kinetic energy between the fast rotating heavy beaters and the counter-knife.

The crushed material is further homogenized to the required size at the refractioning grid and is discharged from the machine by a screw, trough-chain or belt conveyor.



+ Your benefits

- Wide range of input material
- Variable output material size
- Optimal horizontal infeed
- Insensitive to impurities
- Energy-efficient reduction
- High capacities up to 55 t bd./h
- Individually adapted beaters
- Minimum of dust emission due to closed system and suction
- Turn-key solutions incl. tailor-made conveyor systems
- Tried and trusted worldwide
- Advanced, solid and reliable technology
- Low maintenance and service-friendly
- High machine availability



Beating Rotor SRH

Technical Data

Infeed system

- Infeed rollers with aggressive shaped teeth for optimal material feeding; narrow running gaps prevent clogging of material
- Infeed rollers in segmented design (optional)
- Lateral swing side-wall sealing and suction for clean operation of the SRH

Machine casing

- Counter knife screw-fastened, regrindable, once turnable, hydraulically moveable
- Refractioning grid made of wear-resistant special steel, in divided execution for easy exchange, the perforation is adapted to input and required output material
- Specially damped base frame for the reduction of structure-borne noise transmission
- Rotor hood with exchangeable wear lining for longer life time

Rotor

- Equipped with beater rows, each arranged at angle of 90°
- Beaters are pendulum mounted and can swerve in case of overload or heavy impurities (machine protection)
- Heavy beaters, individually shaped, once turnable, highly wear resistant
- Beaters and beater shafts are mounted in bushes, easily exchangeable due to divided rotor execution and special pull-out device

Beating Rotor SRH

Type of machine Rotor/Infeed opening mm Ø / H1 x W1	Main drive kW	Infeed roller drive (upper/lower) kW	Capacity ¹⁾ t/h b.d.	Dimensions ²⁾ m (L x W x H)	Weight ²⁾ approx. t
SRH 600 /200 x 1000	75 – 110	2.2 / 2.2	3 – 5	1.6 x 1.4 x 1.1	5
SRH 1000 /350 x 1000	110 – 160	5.5 / 7.5	5 – 10	2.6 x 1.4 x 1.7	10
SRH 1200 /350 x 1300	250 – 315	5.5 / 7.5	10 – 35	3.5 x 1.7 x 1.8	16
SRH 1600 /600 x 1500	315 – 450	9.2 / 11	30 – 55	4.8 x 3.1 x 2.6	28

1) Depending on input and size of output material

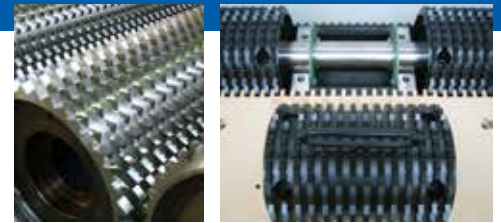
2) Dimensions and weight of complete machine without main motor

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Crushing with high speed:
 Efficient exposure of metal parts