

Beating Rotor SRV

Reduction of recycling material and brittle residues

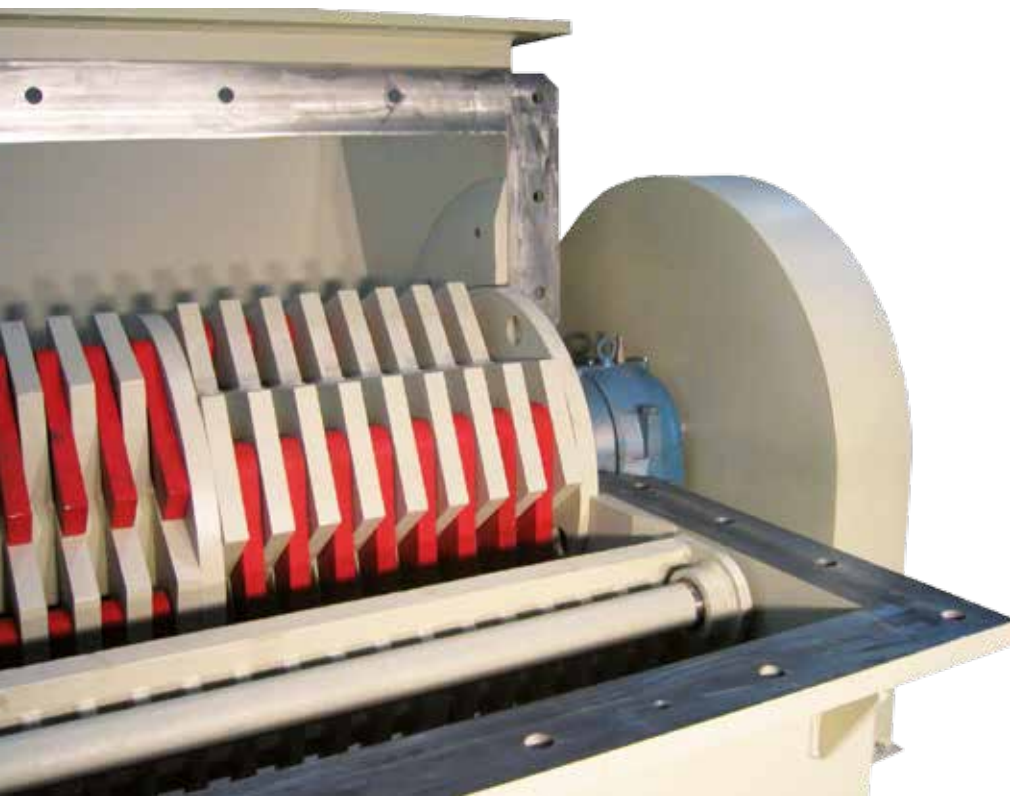


Crushing with high speed:
Efficient exposure of metal parts

The MAIER Beating Rotor SRV is a cost-effective solution for the production of 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 raw material for further processing in panel board industry or for thermal utilization in power plants.

The input material, pre-cleaned from heavy impurities, is fed into the machine through the large-dimensioned vertical hopper and is crushed with high kinetic energy between the fast rotating heavy beaters and the impact plate.

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



+ Your benefits

- Wide range of input material
- Variable output material size
- Insensitive to impurities
- Energy-efficient reduction
- High capacities up to 40 t bd./h
- Pendulum mounted heavy beaters, individually adapted, once turnable
- Easy exchange of beaters and beater axes
- Lower dust emission due to closed system with suction
- Low wear costs
- 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



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Technical Data

Infeed hopper

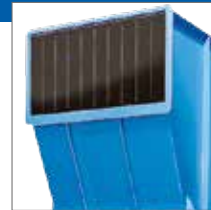
- Large dimensioned vertical hopper in heavy steel plate execution, with inlet, inspection opening and protective curtain
- Ballistic discharge device for the heavy impurities ejection (optional)

Machine casing

- Heavy-duty bearings for longer life time
- Impact plate of wear-resistant special steel, exchangeable
- Refractioning grid of wear-resistant special steel, the perforation is adapted to input and required output material; in large machines in divided execution
- In case of maintenance free access to the rotor by demounted machine-hood

Rotor

- Heavy beaters individually shaped, highly wear resistant, once turnable
- Hammers are pendulum mounted and can swerve in case of overload or heavy impurities (machine protection)
- Hammers and hammer axes are mounted in bushes. Easy exchange due to special pull-out device
- Flywheel for reduction of load peaks and relieve of the main drive motor (optional)



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Type of machine Rotor / Infeed opening mm Ø / Length x Width	Main drive kW	Capacity ¹⁾ t/h b.d.	Dimensions ²⁾ m (L x W x H)	Weight ²⁾ approx. t
SRV 600 / 300 x 650	75 – 110	1 – 3	1.1 x 1.5 x 1.0	2.3
SRV 800 / 300 x 700	75 – 132	3 – 6	1.7 x 1.3 x 1.2	4.5
SRV 1000 / 700 x 1,200	110 – 160	6 – 10	2.6 x 2.6 x 1.6	8.0
SRV 1200 / 850 x 1,500	160 – 250	10 – 15	2.7 x 3.1 x 1.8	12.0
SRV 1200 / 850 x 2,000	250 – 315	15 – 25	2.7 x 3.6 x 1.8	16.0
SRV 1600 / 850 x 2,000	400 – 630	25 – 40	3.2 x 3.6 x 2.4	20.0

1) Depending on input and size of output material

2) Dimensions and weight of basic machine without main motor and infeed hopper

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