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Дисковый измельчитель PHS



Disc Chipper PHS

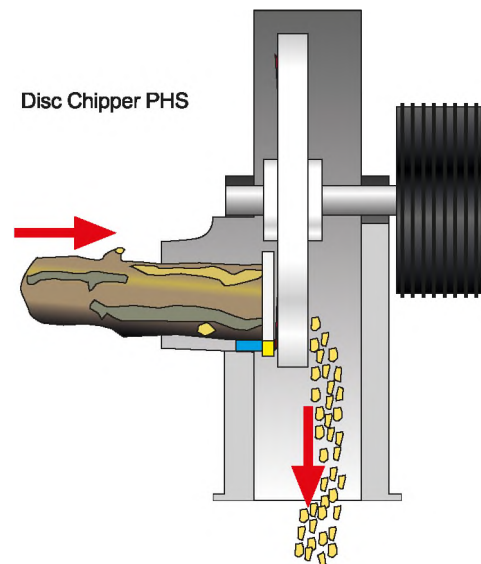
Precise and sturdy

Application

Economic production of quality chips from logs, billets and thinning waste.

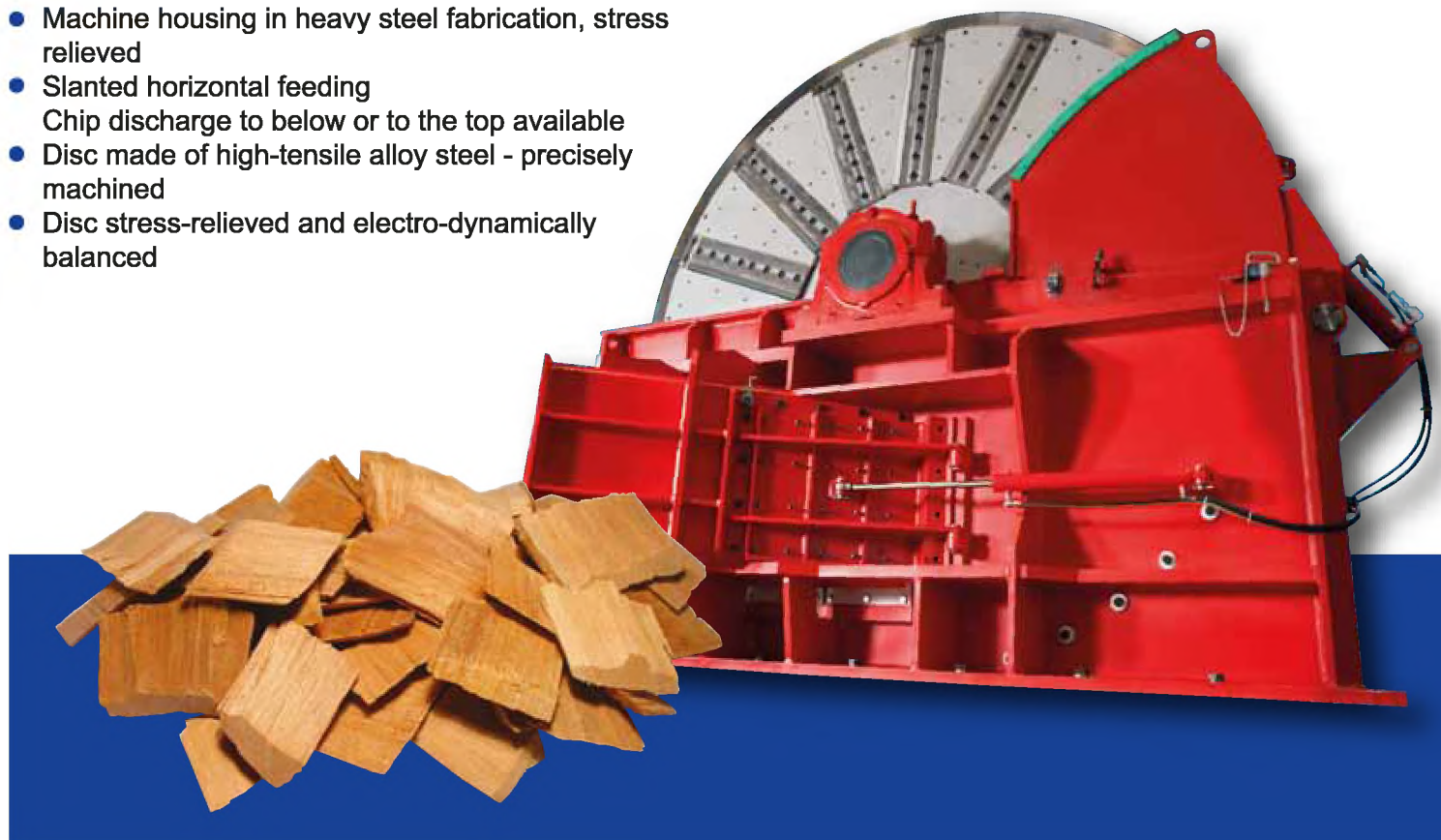
Principle of operation

The material to be processed is fed horizontally to the heavy chipping discs equipped with knives. The electro-dynamically balanced chipping disc runs in amply-dimensioned self-aligning roller bearings. The tightly fastened chipping knives effect a precisely set scissor cut, when passing the counter-knife, which is adjusted from the outside. This ensures a perfect, clean cut and a homogeneous chip quality. The optimum knife geometry results in surprising long knife service life. The chips are discharged either to above or to below. Further transport can be done either via chain conveyor, belt, elevator or screw.



Design details

- Machine housing in heavy steel fabrication, stress relieved
- Slanted horizontal feeding
Chip discharge to below or to the top available
- Disc made of high-tensile alloy steel - precisely machined
- Disc stress-relieved and electro-dynamically balanced



Disc Chipper PHS

Customer benefits

- Smooth back and contoured disc maximizes chip quality and minimizes chip damage.
- 2 stator knives of perfect geometry for optimum chip quality.
- Large spout for continuous feed.
- All parts in contact with infeed material are designed as exchangeable wear parts to achieve constant and uniform chip quality
 - knife clamping plate
 - knife support
 - disc wear plate.
- Chip length adjustable.
- Low specific power consumption.
- Knife change from the front.
 - Swift access to the knives by lid in front of the machine housing.
 - Changing of stator knives through the lid in the spout.
- Setting of the knives outside of the machine.
- Reduced knife-to-anvil clearance for maximum chipping efficiency.
- Precision bearing system assuring close tolerance for minimal shaft deflection and disc movement.



Chipping knife and counter-knife



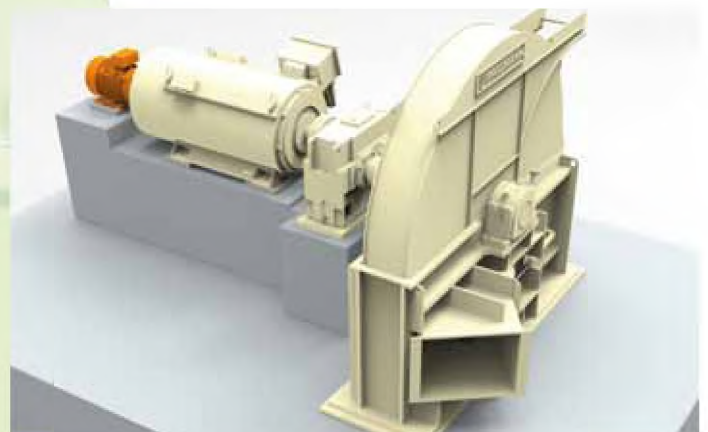
Stator-knife



Lid for chipper knife change



Lid for stator knife change



Disc Chipper PHS 36

Technical data

Type	Infeed opening opening mm	Disc diameter mm	Rotor knives pcs.	Motor kW	Throughput capacity o. d. t/h	Machine weight approx. kg
PHS 15 H4	515 x 370	1.500	4	200 - 250	20 - 30	5.000
PHS 20 H6	670 x 500	2.000	6	315 - 500	40 - 50	8.000
PHS 24 H8	800 x 650	2.400	8	450 - 630	60 - 70	12.500
PHS 30 H12	900 x 800	3.000	12	1000 - 1400	80 - 90	22.000
PHS 36 H15	1050 x 800	3.600	15	1400 - 2000	100 - 120	32.000

Pallmann is the leading manufacturer of size reduction machinery for the wood products industry. Pallmann Maschinenfabrik designs, manufactures and supplies tailor-made, individual or complete solutions for the processing of raw material for MDF, OSB and particleboard plants. At its headquarters in Zweibrücken, Pallmann company operates the world's largest research and development center for size reduction technology as well as a training and service center. More than 100 test machines are available for the preparation of various raw materials including subsequent laboratory analysis on individual scale. In co-operation with the Siempelkamp group, Pallmann has worldwide production facilities. Our global presence is ensured by a co-ordinated sales network for machinery as well as spare parts and after-sales service.



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