



Type **HMT**

Drum chipper

Latest machine generation for most
demanding requirements

Type **HMT**

HOMBAK Drum chipper type HMT

HOMBAK – leading competence in wood flaking technology

HOMBAK drum chipper technology for producing high-quality wood chips

HOMBAK has built wood chippers for the most demanding customer requirements for many decades. HOMBAK is the partner that can define, plan and implement individually adapted solutions together with its customers.

In the process, HOMBAK trusts in standardised, individually used machine components. The particular quality of the machines, which is based on outstanding machine functionality, is therefore ensured and the extremely high level of machine availability is achieved.

Technological competence combined with intensive development work according to the needs of the market and customer requirements result in an outstanding product for the production of high-quality wood chips for a broad range of applications in the wood processing industries and other related industries.

HOMBAK drum chippers process

- Long/short, thick/thin round wood (logs)
- Residual waste wood from sawmills
- Reject veneer and veneer waste
- Other wood waste

to high-quality wood chips.

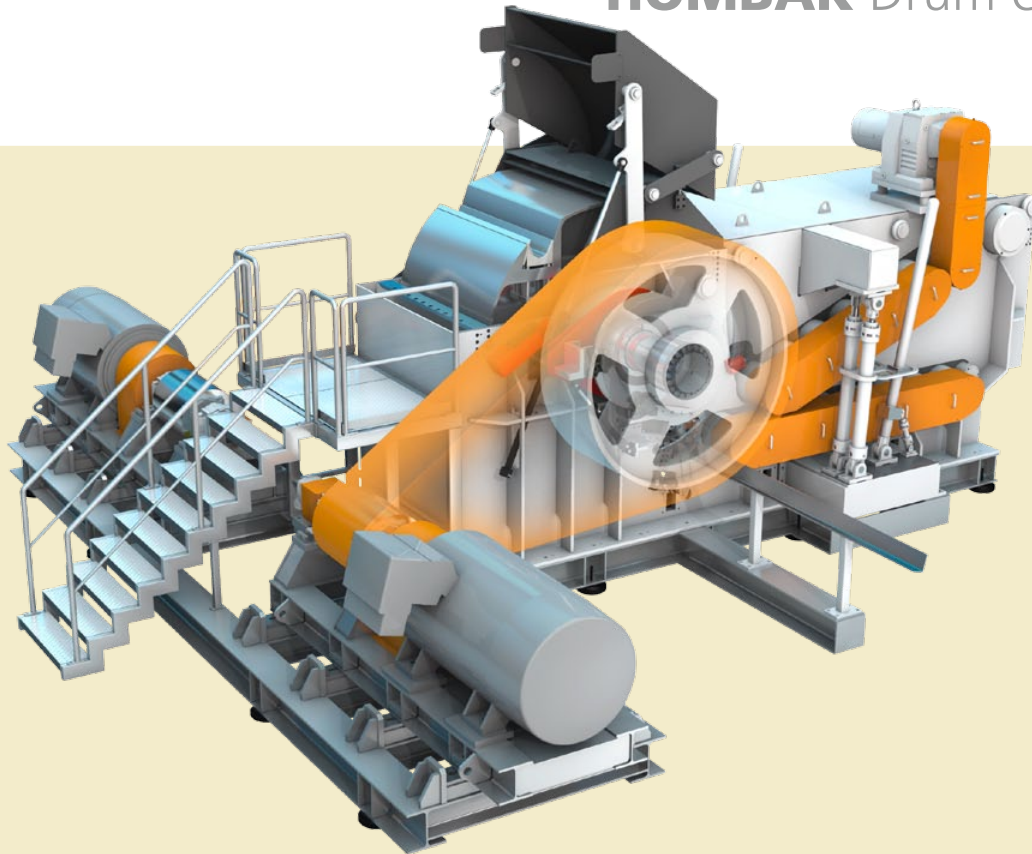
Infeed material



Final product: Wood chips



HOMBAK Drum chipper

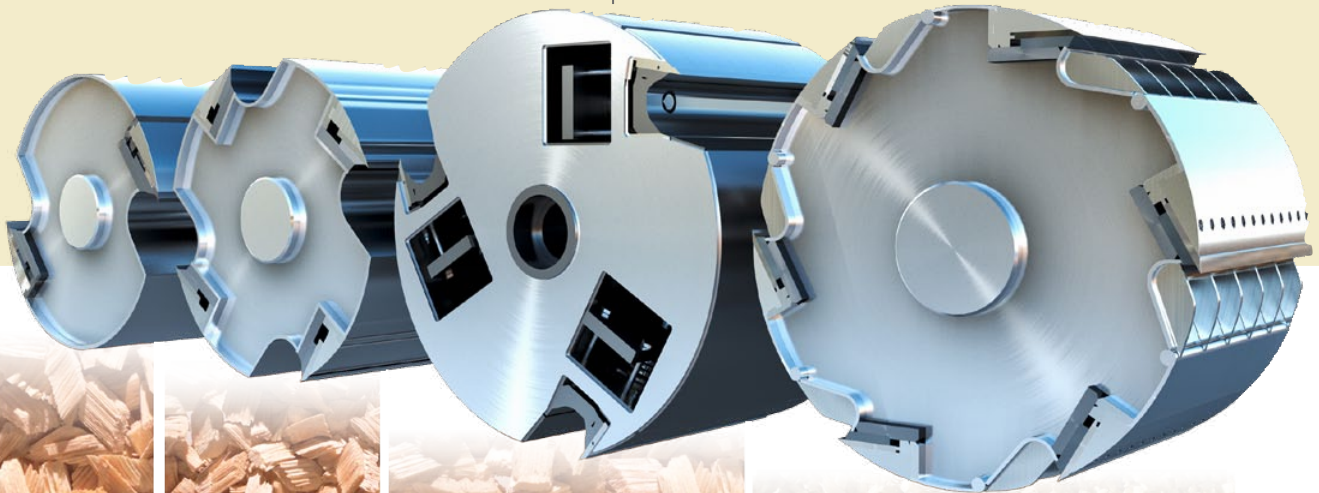


The continuous size distribution of the produced wood chips allows for

- an efficient system control of the downstream production processes
- a highly productive value-added chain with optimal use of energy

The length of the wood chips depends on

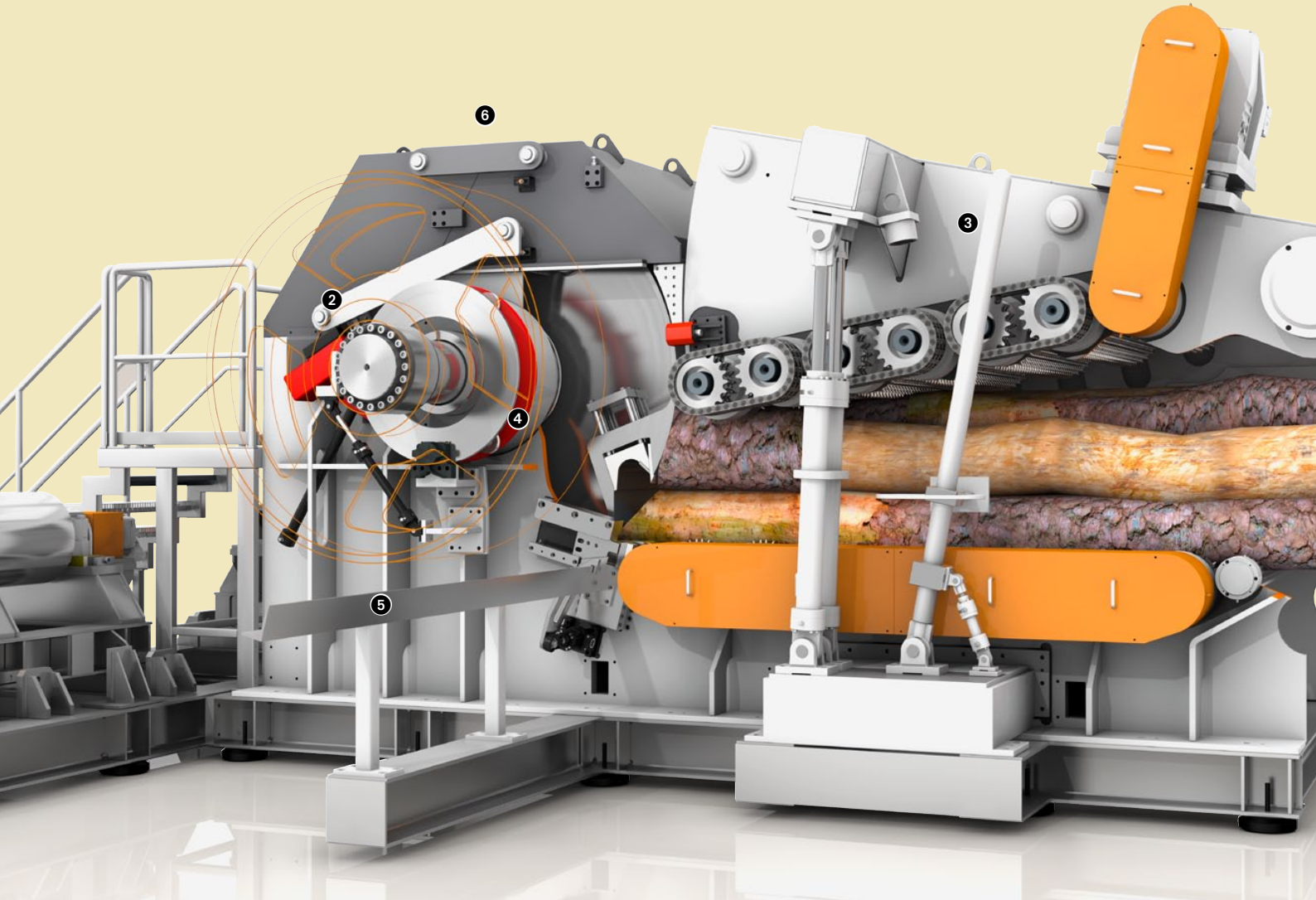
- the kinematic ratio of the infeed speed to the cutting speed of the chipping rotor and
- the number of rotor knives positioned around the rotor's periphery



Type **HMT**

HOMBAK HMT drum chipper line. A machine series – newly revised based on decades of experience.

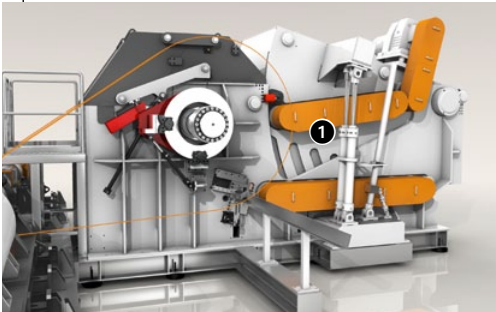
An excellent wood infeed, due to optimal positioning of the lower and upper infeed rollers in the infeed unit, together with a short distance from the infeed rollers to the rotating knives of the drum produce outstanding chip qualities.



1 Closed machine housing even when chipping larger log diameters.

2 Fully automated locking of the rotor hood in connection with the fully automated opening of the rotor hood enables extremely short knife change times.

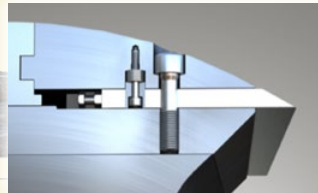
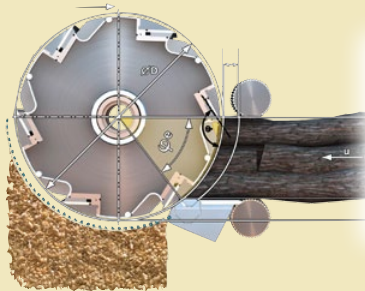
3 The automatic supporting of the rocker of the chipper infeed unit offers the ideal condition for safe operation during machine maintenance.



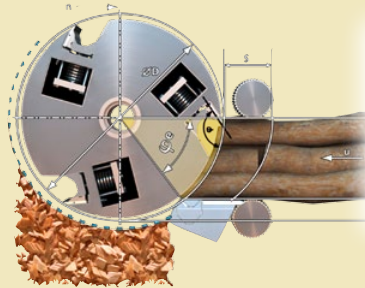
HOMBAK Drum chipper



The right rotor design and the right knife system for any application



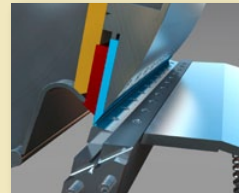
Clamping plate rotor



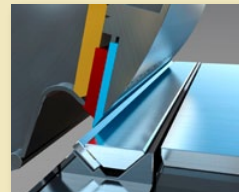
Clamping wedge rotor



Application-related counter-knife design



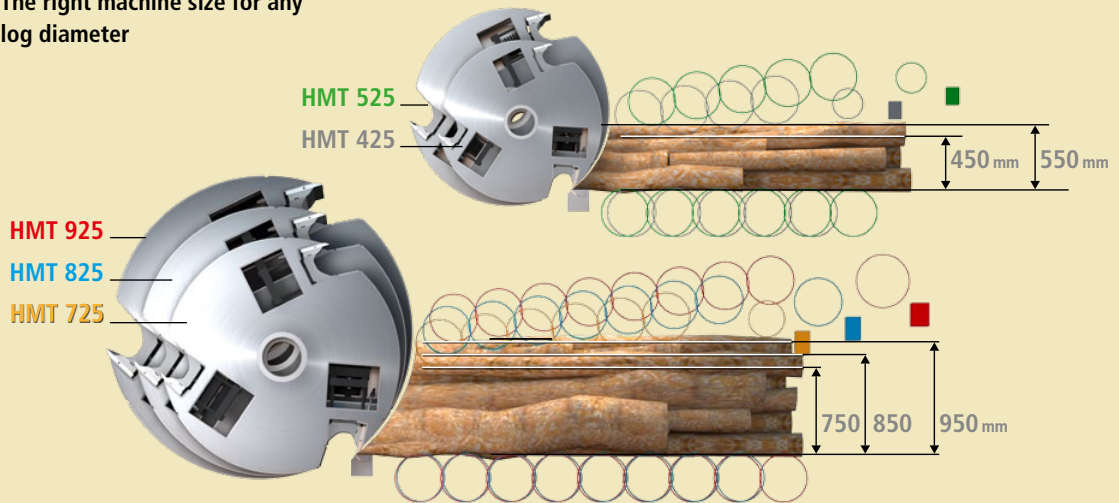
Screwed counter-knife of a high-performance drum chipper



Clamped counter-knives for special use with thin feed materials like veneer



The right machine size for any log diameter



4

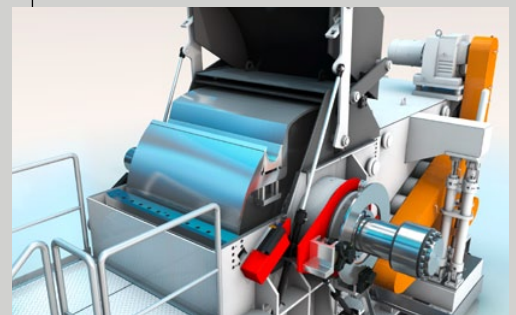
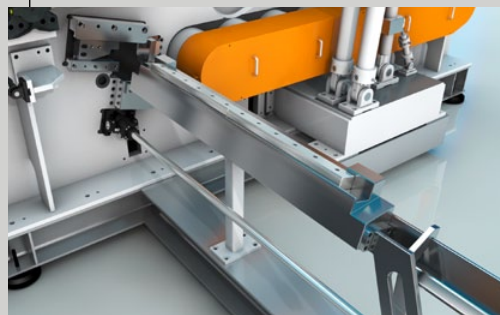
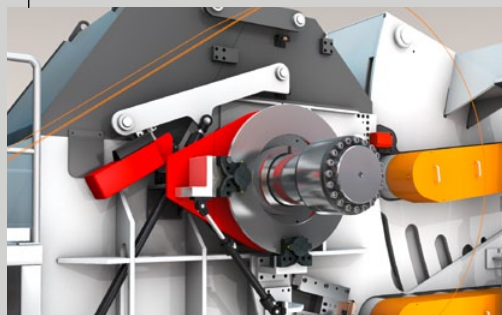
Rotor knife change and counter-knife change are carried out by the fully automated machine functions: rotor turning device...

5

movable counter-knife...

6

opening the hood and locking the hood – are reduced to a minimum. Short standstill times for operating-dependent downtimes.



HOMBAK stands for innovation, quality and service

HOMBAK defines, dimensions and realises complete machine and system technology for the wooden materials industry and related industries.

As a specialist, HOMBAK produces complete systems for processing wood chips: from entire logs to high-quality wood chips.

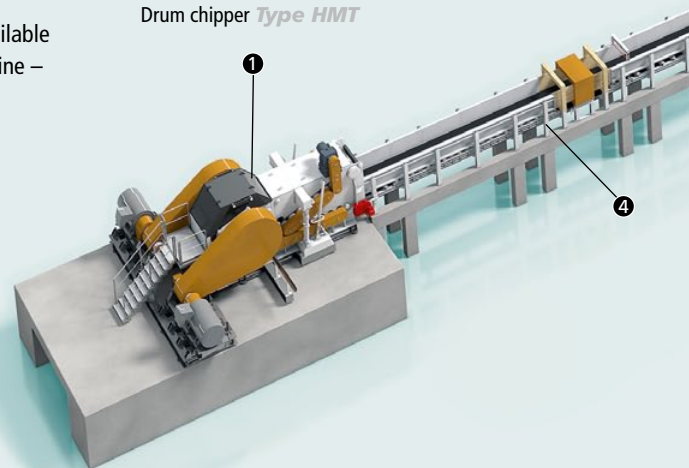
HOMBAK can access a broad product portfolio and therefore can design technical chip processing systems for any thinkable application.

HOMBAK has a broad range of experience accumulated over several decades, which can be applied individually and concentrated to the respective task.

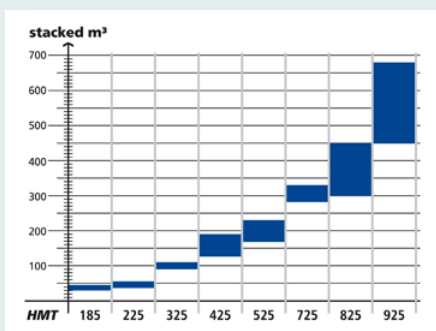
HOMBAK – as a member of the Siempelkamp Group – uses all available production capacities and subsequently assures high-quality machine – and plant solutions.



Drum chipper *Type HMT*



Range of all performance classes

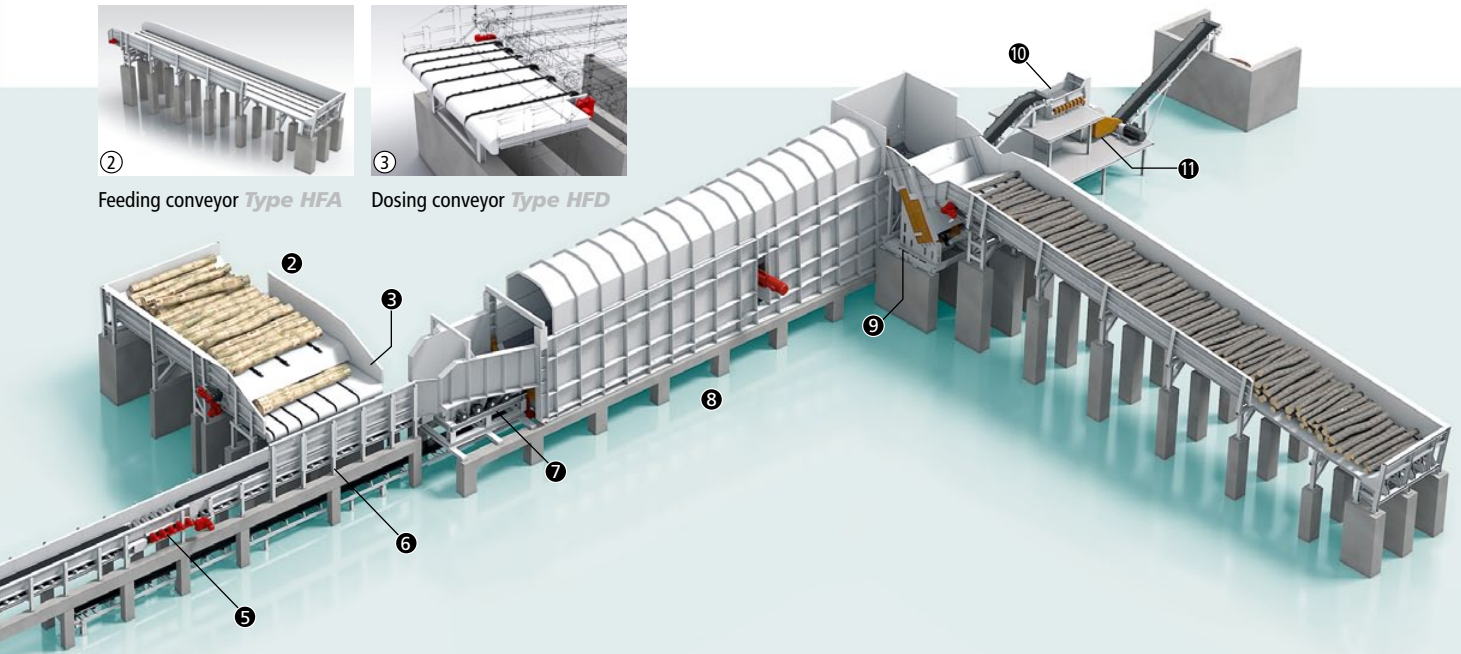


With its HMT model, HOMBAK completely covers the entire performance range, which users require today.

Technical Data

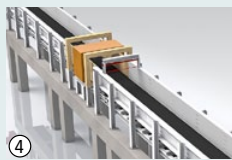
Type of machine <i>HMT</i>	Unit	185			225		325		425		
Infeed height normal	mm	185			225		325		425		
Rotor diameter	mm	650			750		1.100		1.400		
Number of knives	piece	2 to 4			2 to 4		2 to 4		2 to 4		
Chipping length	mm	variable			variable		variable		variable		
Infeed roller	top	1			2		3		4		
	bottom	2			2		4		5		
Diameter	mm	318			318		396		396		
Clearing rollers Diameter	mm	116			116		116		156		
Infeed capacity	stacked m³	30 - 45			40 - 55		90 - 110		130 - 190		
Machine weight	Kg	5.500			8.500		14.000		24.000		
Cutting width	mm	550	650	850	650	850	850	1.050	850	1.050	1.250

HOMBAK Drum chipper



② Feeding conveyor *Type HFA*

③ Dosing conveyor *Type HFD*



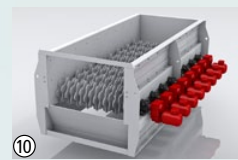
④ Chipper feeding belt *Type HFH*



⑥ Trough belt conveyor *Type HFG*



⑧ Rotor debarker *Type HRE*



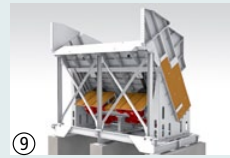
⑩ Disc separator *Type HSS*



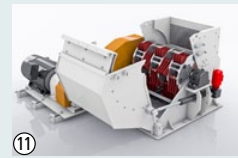
⑤ Cleaning roller conveyor *Type HFR*



⑦ Rotor debarker discharge *Type HRA*



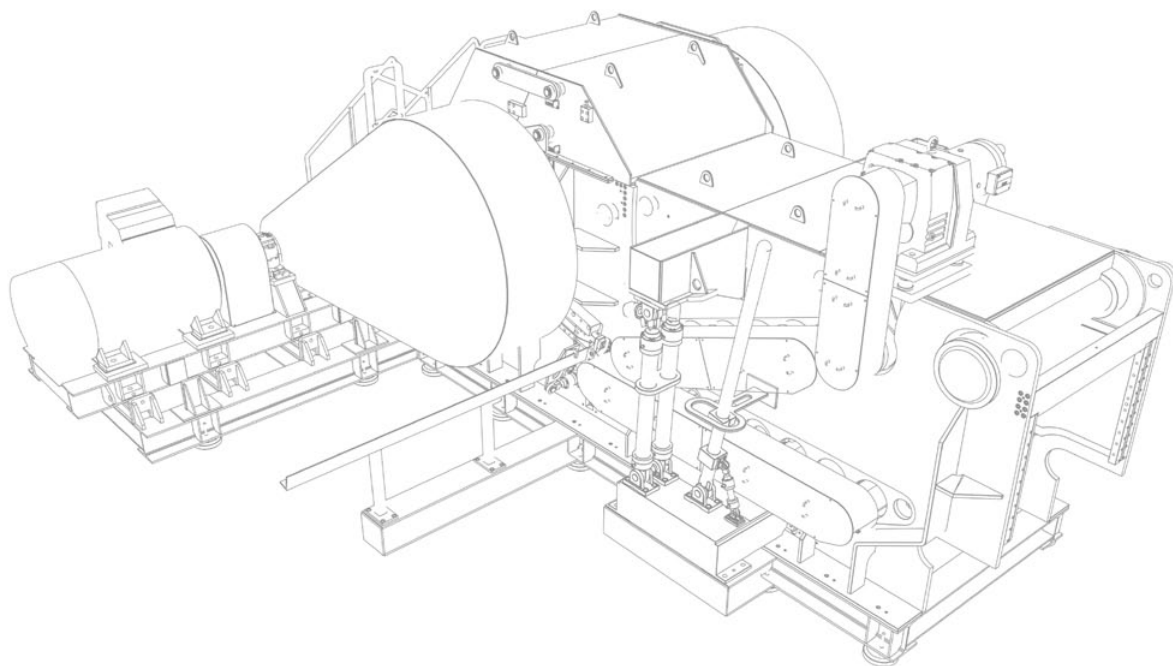
⑨ Step feeder *Type HFT*



⑪ Re-chipper *Type HNZ*

Type HMIT

525			725			825			925		
525			725			825			925		
1.700			2.000			2.300			2.600		
2 to 4			2 to 6			2 to 6			2 to 6		
variable			variable			variable			variable		
5			6			7			8		
6			7			8			9		
396			396			396			396		
156			186			186			189		
170 - 230			280 - 330			300 - 450			455 - 685		
48.000			75.000			95.000			105.000		
850	1.050	1.250	1.250	1.450	1.450	1.650	1.450	1.650	1.450	1.650	



HOMBAK

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