

HOMBAK Knife Ring Flaker

Type **HMR**

**The solution for an efficient flake processing
in the wood processing industry**

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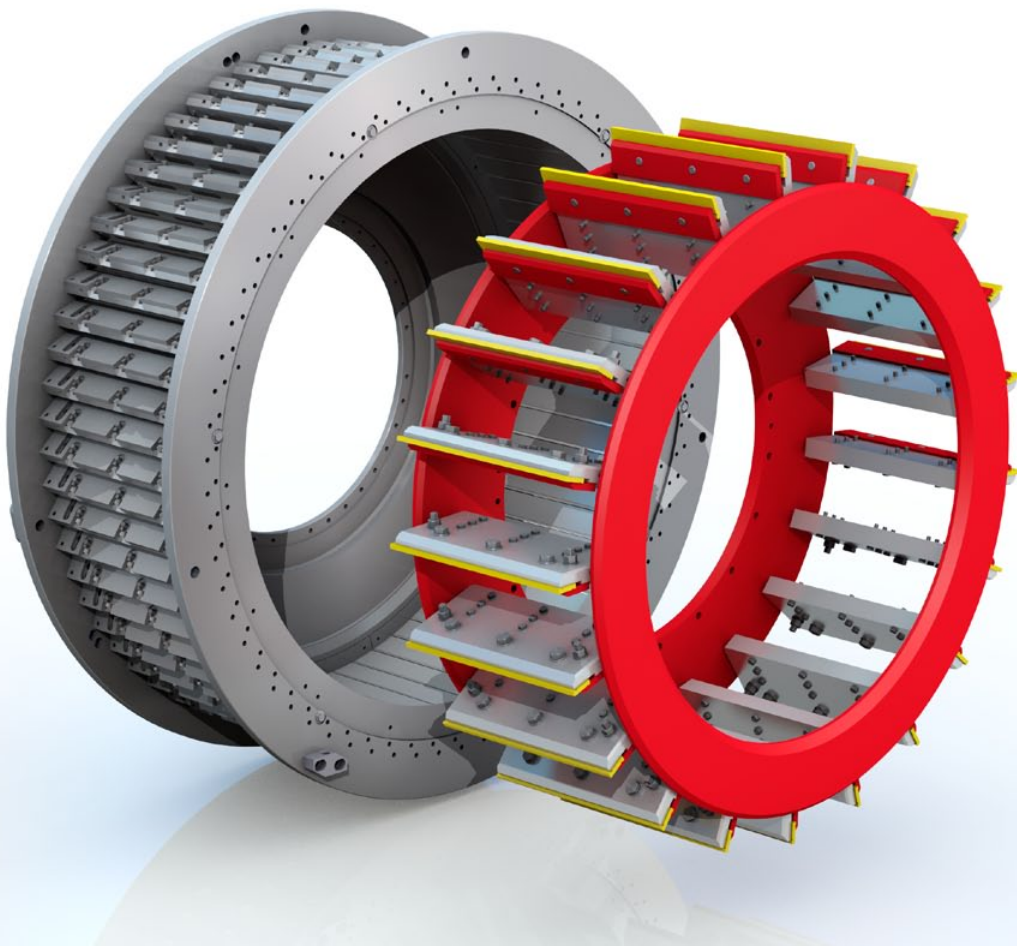
HOMBAK knife ring flaker – the reliable machine technology

HOMBAK knife ring flakers stand out for - intelligent - robust - always available - quality geared - chip flaking - thus producing quality flakes for the core- and surface layer in the particle board industry.

HOMBAK knife ring flaker is the reliable machine technology, which efficiently and process-oriented ensures the two-step flaking process – wood chips

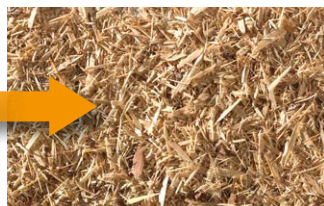
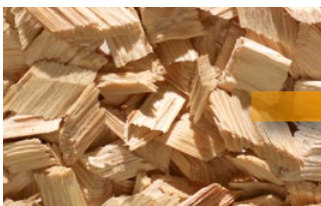
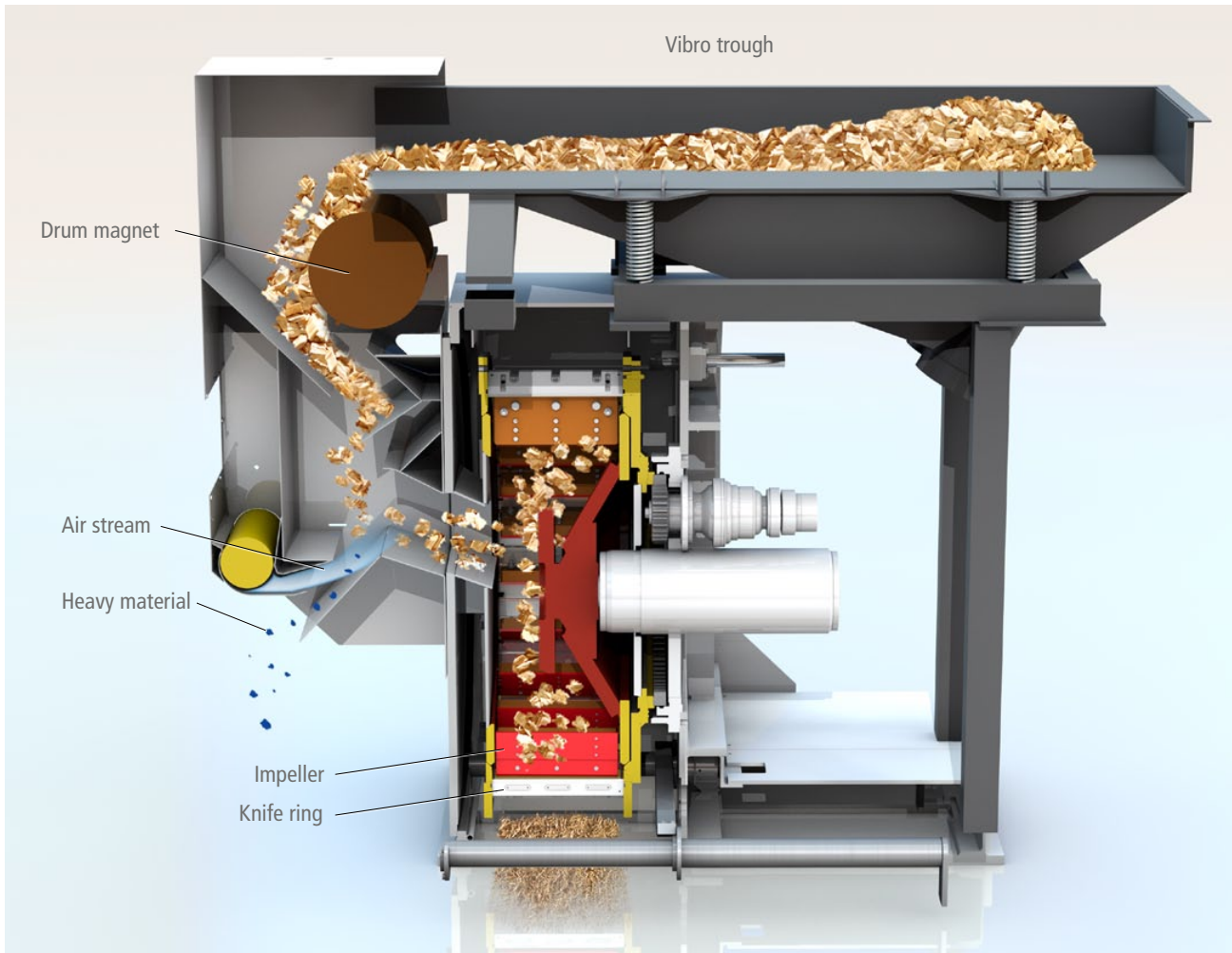
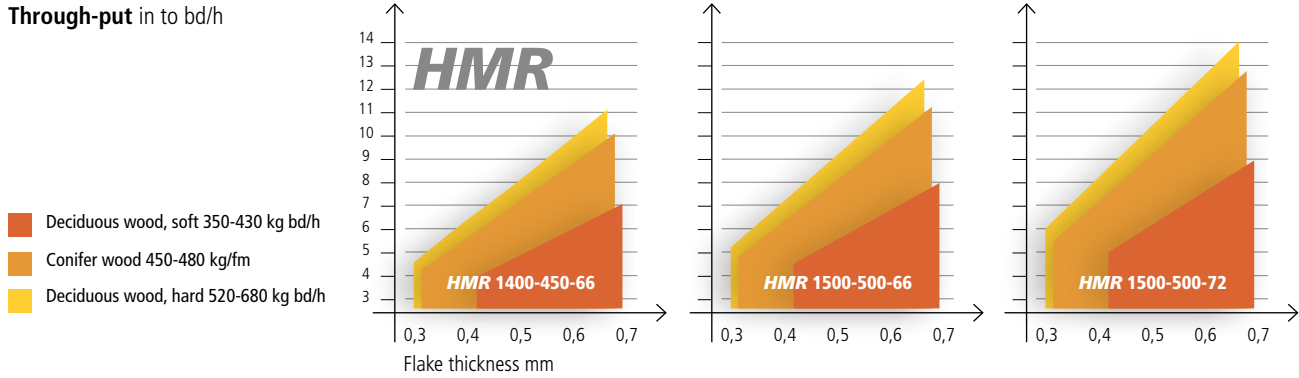
to core- and surface layer flakes, preferably processed with HOMBAK drum chippers– under highest product requirements.

HOMBAK knife ring flakers are ready-for-connection and built in terms of control that the HOMBAK knife ring flaker is capable of completely being integrated in fully-automated process activities of the wood process industry.



Type HMR

Through-put in to bd/h



Infeed material:
Wood chips

Discharge material:
knife ring flakes – core layer flakes

Final product:
Particle board

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Type of machine HMR	Dimension unit	1400-450-66	1500-500-66	1500-500-72
Knife ring diameter	mm	1.400	1.500	1.500
Cutting width	mm	450	490	490
Number of knives	piece	66	66	72
Rotational speed of impeller	min ⁻¹	840	785	785
Rotational speed of knife ring	min ⁻¹	4	4	4
Drive of impeller (recommended)	kW	250 - 315	250 - 315	315 - 350
Rev. of knife ring drive motor	min ⁻¹	1.500	1.500	1.200
Drive of knife ring Soft wood	kW	5,5	5,5	5,5
Hard wood	kW	22	22	22
Rotational speed of drive motor	min ⁻¹	1.500	1.500	1.500
Supply voltage	V	400	400	400
Frequency	Hz	50	50	50
Control voltage	V	24	24	24
Number of beaters	piece	21	21	21
Drum magnet drive capacity	kW	0,5	0,5	0,75

HOMBAK

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