

Heinola Bandmill

BM-1800

BM-1500



Patented band strain system. Automatic strain control and adjustment system.

BM-1800: Robust construction

The BM-1800 high strain bandmill has been jointly designed by the Canadian company, CAE Machinery Ltd., and Heinola Sawmill Machinery Inc. for high capacity production lines. In primary breakdown the BM-1800 is unsurpassed for sawing logs of large diameter when maximum feed rates must be maintained. In secondary breakdown the BM-1800 affords high efficiency at minimum operating costs. The sawing ability is high also in the most demanding conditions e.g when sawing frozen timber.



Simple and moderately priced saw guides can be changed easily and quick.

BM-1500: Flexible

The BM-1500 is based on BM-1800. It is somewhat lighter and fits into smaller space but is efficient enough for sawing common softwood species.

Various line solutions

BM bandmills are available in single, twin, triple or quad versions for various breakdown needs. Due to the fast hydraulic or electric servo control system the bandmills are most suitable e.g for sawing unsorted logs with frequent set changes on return type sawlines.

Patented band strain system

BM-1800/1500 bandmills are equipped with a simple and efficient band strain system. The rubber pad used as a strain and dampening element is placed under the upper wheel arbor. The band strain can be adjusted accurately, the saw change interval is longer, and the best possible sawing accuracy is achieved. The strain is continuously controlled and adjusted by the automatic strain control system.



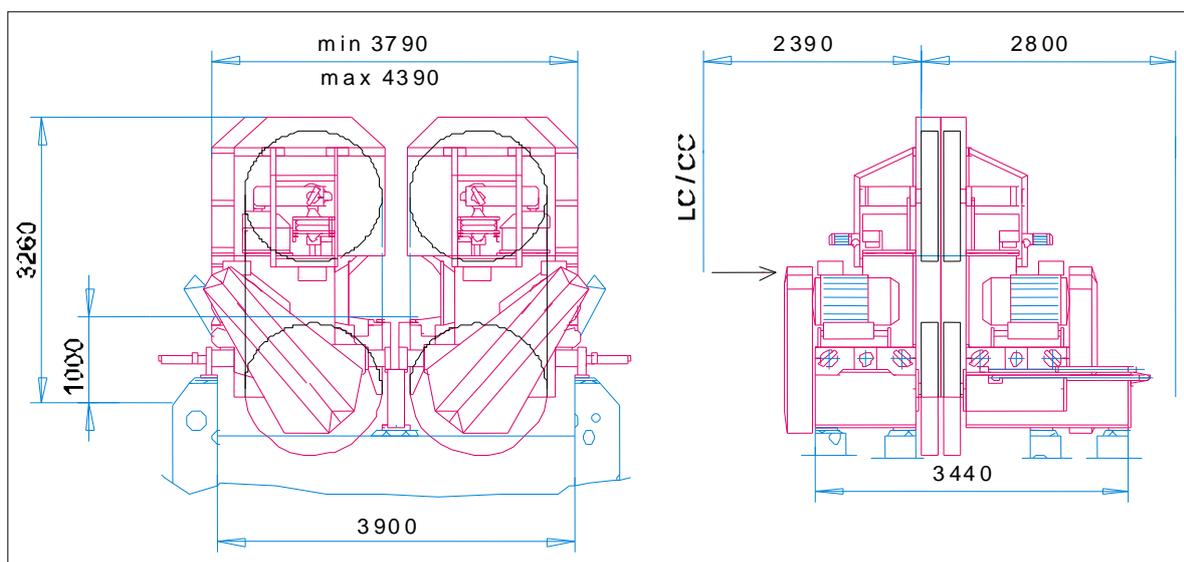
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BM-1800

BM-1500



	BM-1500/4	BM-1800/4	
Infeed speed	35-120	35-120	m/min
Main motors	4 x 90	4 x 110	kW
Band strain motors	4 x 0.55	4 x 0.55	kW
Band tilting motors	4 x 0.25	4 x 0.25	kW
Wheel diameter	1500	1800	mm
Wheel width	185	225	mm
Band strain	50 - 120	80 - 150	kN
Cutting speed	40 - 70	40 - 70	m/s
Band dimensions:			
- width	180	230	mm
- thickness	1.47	1.47	mm
- length	9135	10845	mm
Band lubrication, water requirement/band	0,6	0,6	l/min
Max log diameter (cylinder)	680	700	mm
Cant height:			
- minimum	75	75	mm
- maximum	580	580	mm
Weight (approximately)	26000	32000	kg

We reserve the right to make changes.

HEINOLA

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