

# Bandmills BM-1800, BM-1500



## **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 heavy duty on high capacity production lines. In primary breakdown the BM-1800 is unsurpassed for sawing logs of large diameter, and when maximum feed rates must be maintained.

In secondary breakdown the BM-1800 affords high efficiency at the minimum operating costs. The BM-1800 is available in single, twin, triple or quad versions for various breakdown needs.

## **BM-1500: flexible production**

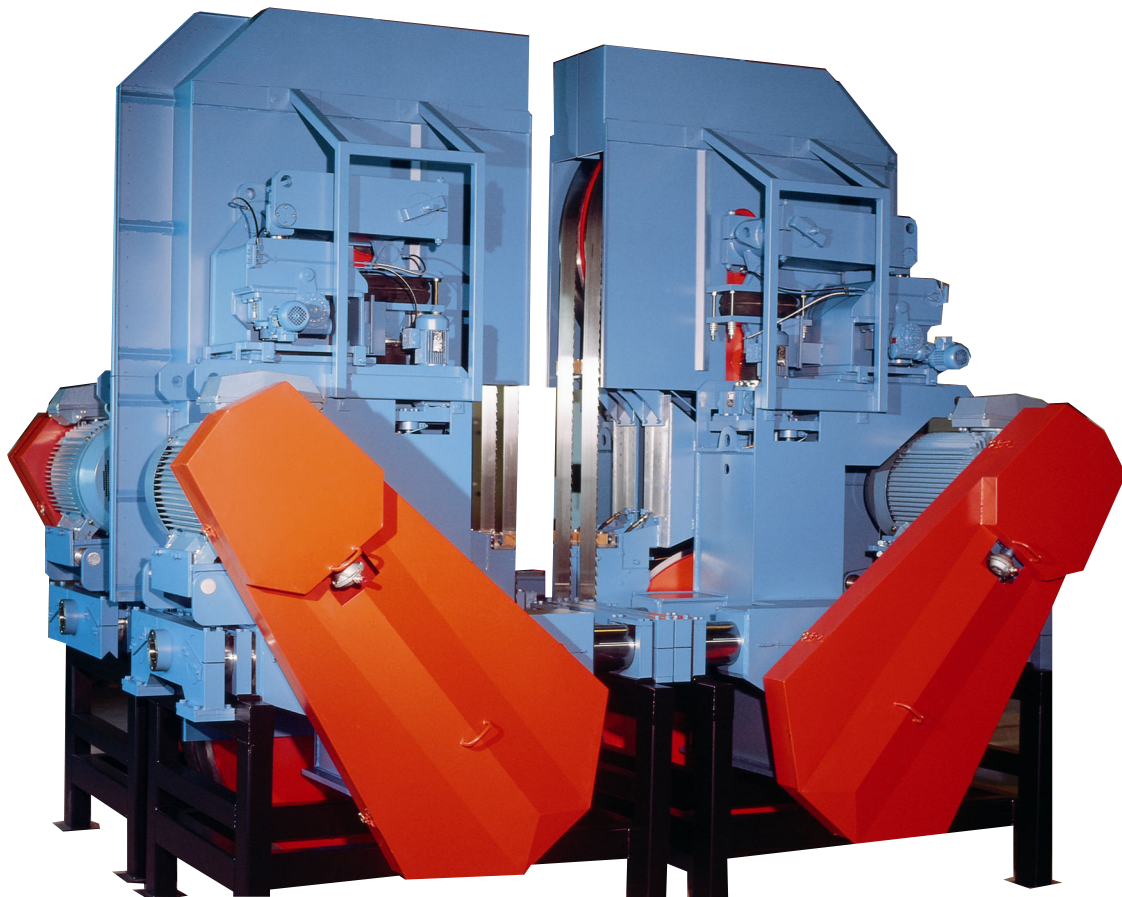
The BM-1500 high strain bandmill is a smaller bandmill derived from the BM-1800. It is

somewhat lighter and fits into smaller space than its "big brother".

The BM-1500 is a multipurpose bandmill: it is most suitable as secondary breakdown machine on high capacity production lines, and for applications with frequent changes, e.g. on return type sawlines.

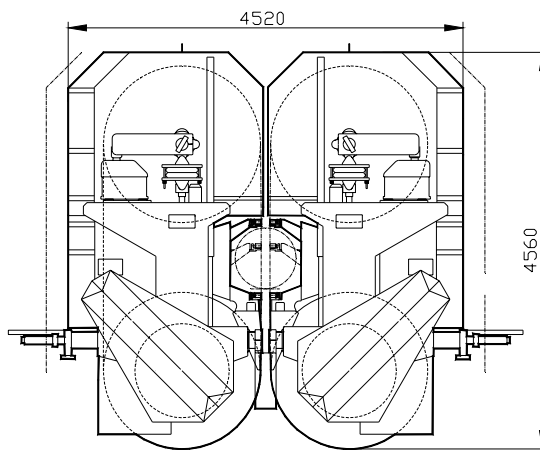
## **Patented strain system**

Both versions have a similar, simple and efficient band strain system. The band strain can be adjusted accurately, the saw change interval is longer, and the best possible sawing accuracy is achieved compared with conventional bandmills. The strain is continuously monitored and adjusted by the strain control system.

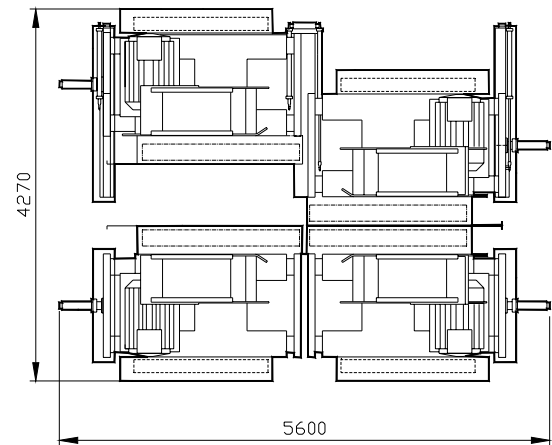


BM-1800/4

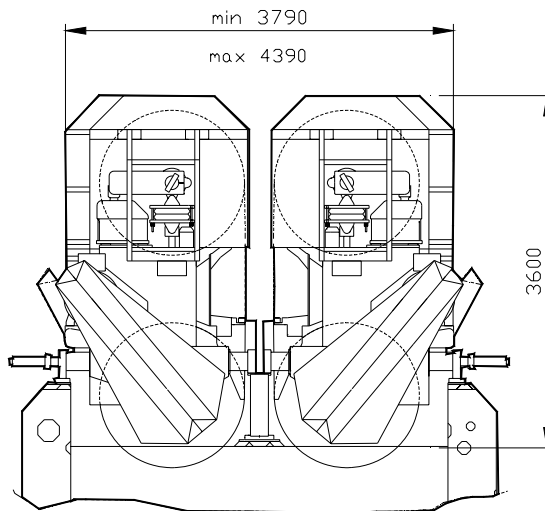
## Dimensions



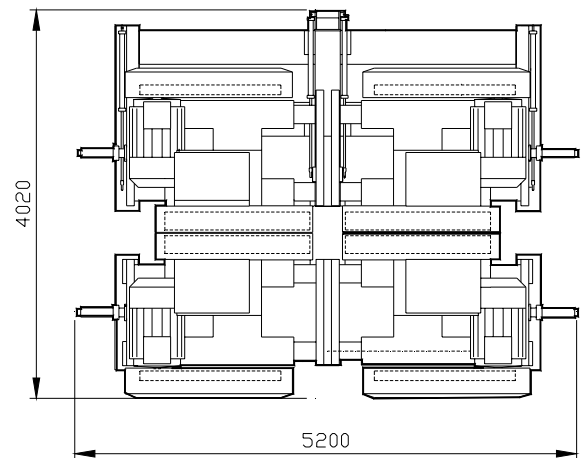
Vy uppifrån



BM-1500/4



Vy uppifrån



## Technical data

### BM-1500/4 BM-1800/4

Feedspeed (depending on log diameter and setting of blades) .....	35-100 .....	35-100 m/min
Main motor, power .....	4X90 .....	4X110 kW
Band strain motor, power .....	4x0.55 .....	4x0.55 kW
Band tilting motor, power.....	4x0.25 .....	4x0.55 kW
Wheel diameter .....	1500 .....	1800 mm
Wheel width .....	185 .....	225 mm
Band strain .....	50-120 .....	80-150 kN
Cutting speed.....	46 .....	46 m/s
Band width/thickness/length.....	180/1.47/9 135 .....	230/1.47/11 600 mm
Band lubrication/water requirement per band .....	0.6 .....	0.6 l/min
Setting range (min/max cant height).....	80/580 .....	78/580
Max log diameter (surrounded cylinder).....	680 .....	700 mm
Weight.....	approx.26.5 .....	approx. 32 ton

 **AriVislanda**  
SORB INDUSTRY

We reserve the right to make changes

Address  
AriVislanda AB  
Box 80  
SE-340 30 VISLANDA

Address  
AriVislanda AB  
Box 249  
SE-891 26 ÖRNSKÖLDSEVIK

Phone, Vislanda  
+46 472 343 45  
Fax, Vislanda  
+46 472 343 49

Phone, Ö-vik  
+46 660 868 00  
Fax, Ö-vik  
+46 660 199 22

E-mail  
info@arivislanda.com  
Web  
www.arivislanda.com