

# AKE Sawmaster

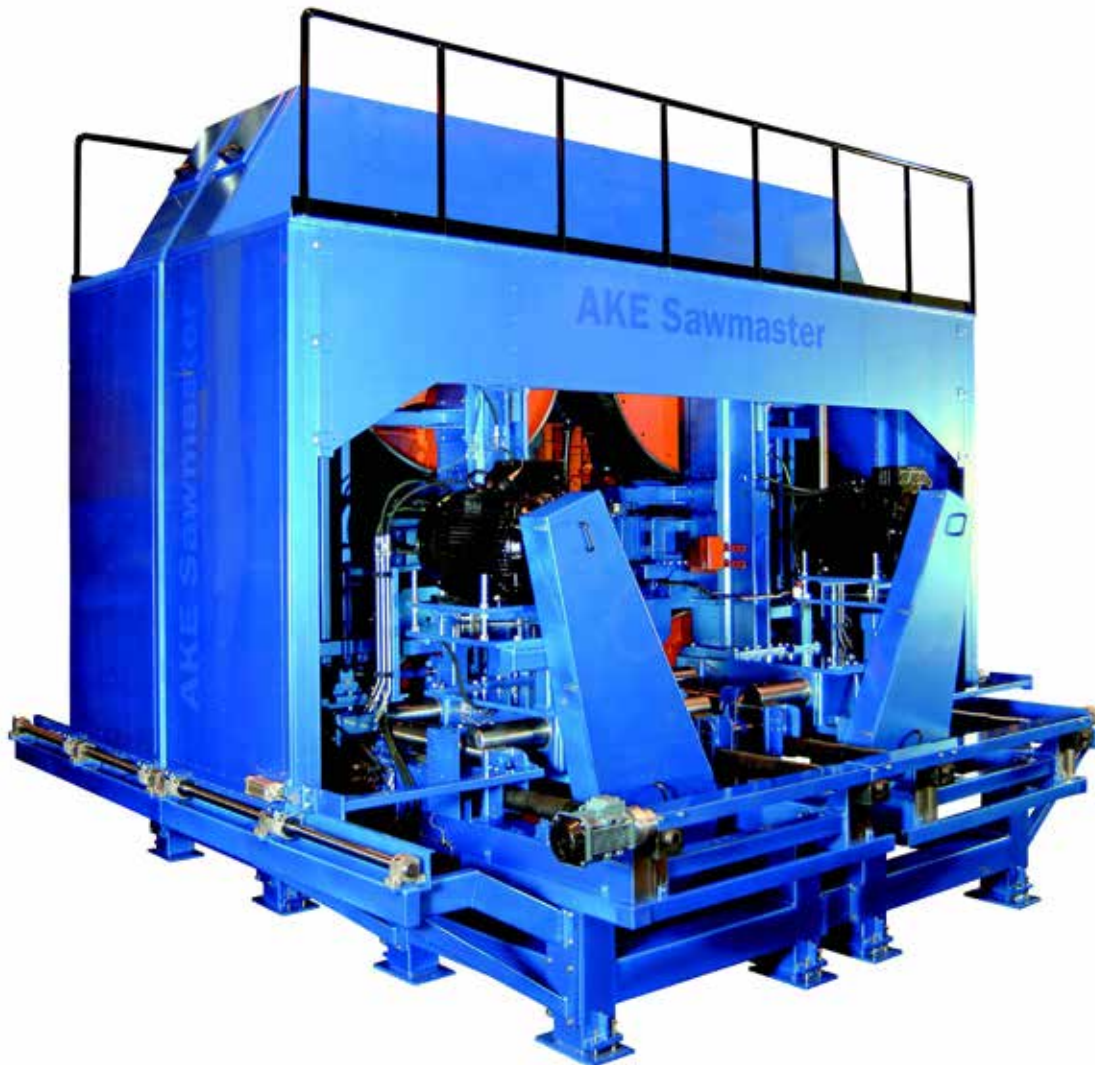


**AKE Sawmaster bandsaw**  
**– Log and cant breakdown for highest profitability**

# AKE Sawmaster is the first cho

**Söderhamn Eriksson has delivered bandsaws to the sawmill industry since 1957. The advantages of bandsaw technology have created profitability for customers worldwide. Thin saw kerfs, high dimensional accuracy and effi-**

**cient curve-sawing are the characteristics of bandsaws. Thanks to Söderhamn Eriksson's goal-oriented research and development, our bandsaws also meet all demands for high feed speeds and reliability.**



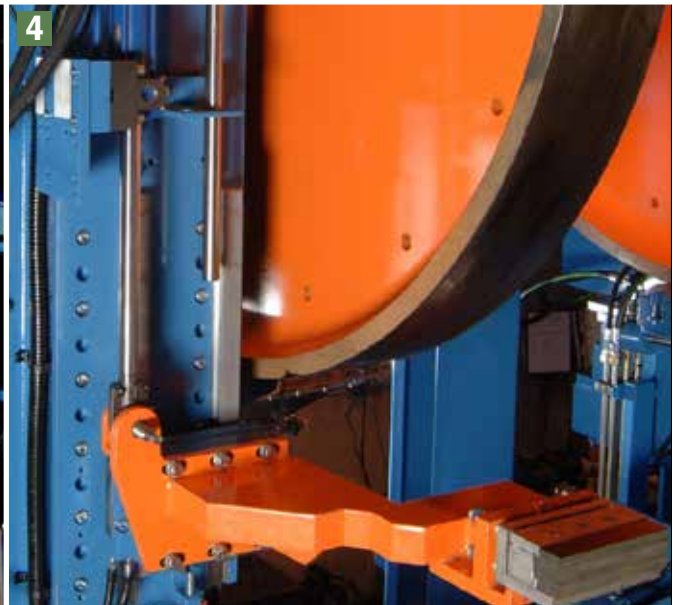
AKE Sawmaster is a result of our more than 50 years of experience in bandsaw technology.

AKE Sawmaster can be delivered as a primary or secondary breakdown saw, in groups of 2, 3 or 4 saw units, in stand-alone designs or combined with reducer discs. Our bandsaws are manufactured in our factory and delivered calibrated, aligned and complete with internal hydraulics, central lubrication and electrical wiring. This cuts installation time at the sawmill.





# ice among profitable sawmills

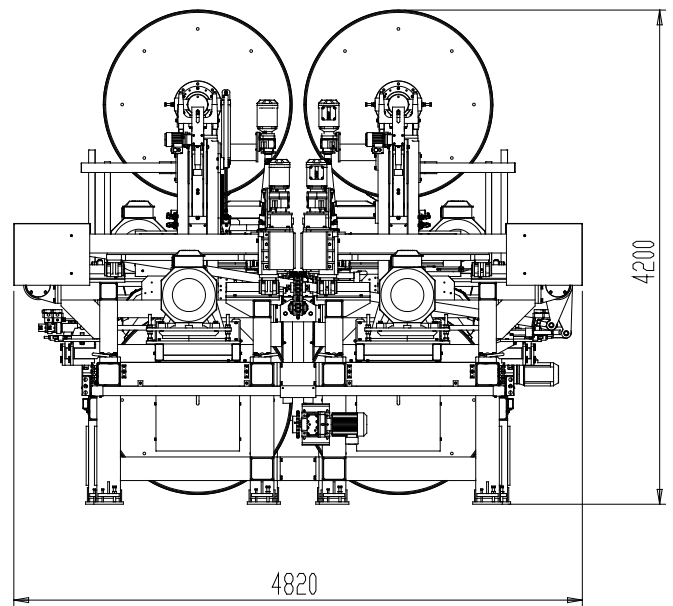
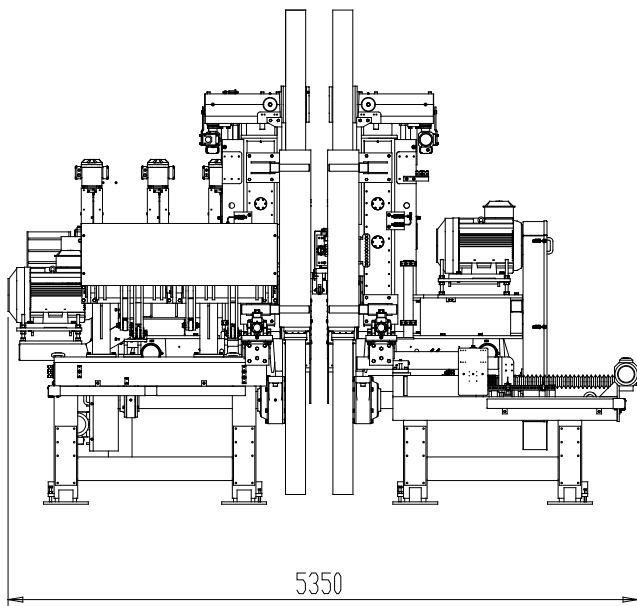


**1.** AKE Sawmaster can be delivered with a specially adapted protective housing whose two halves can slide open. This housing lowers noise levels and reduces dust pollution.

**2.** AKE Sawmaster can be fitted with feedworks for straight and curve-sawing and for cants with flats along their whole length or cant tops without flats. The module-designed feedworks come with single or double rollers that are reset by servohydraulic setting cylinders and move on round guides combined with guide rails to eliminate any play.

**3.** “Cant Alignment, Radius-independent”, abbreviated “CAR”, is Söderhamn Eriksson’s patented concept for improved dimensional accuracy and curve-sawing properties of bandsaws. When the cant has arrived in the CAR feedworks, the previous feedworks release the cant so curve-sawing will take place between the CAR rollers. This increases not only wood recovery but also lumber quality.

**4.** *Option:* Upper saw guides that are reset via two parallel guide rails and hydraulic cylinders controlled by a PLC system and scanner.



## **AKE Sawmaster TECHNICAL SPECIFICATIONS**

Wheel diameter	1 600 mm
Wheel width	170 mm
Saw blade thickness	1,25–1,47 mm
Saw blade tension	12 ton
Saw blade speed, max.	65 m/sec
Feed speed (frequency-controlled)	40–125 m/min
Positioning accuracy	0,1 mm
Main motors	75–110 kW/saw
Motor for wheel tilting	0,18 kW/saw
Saw blade tensioning unit	0,37 kW + 0,25 kW/saw
Max. cutting height, standard	700 mm
Weight per saw unit	7 000 kg

Specifications are approximate and subject to change without prior notice.

