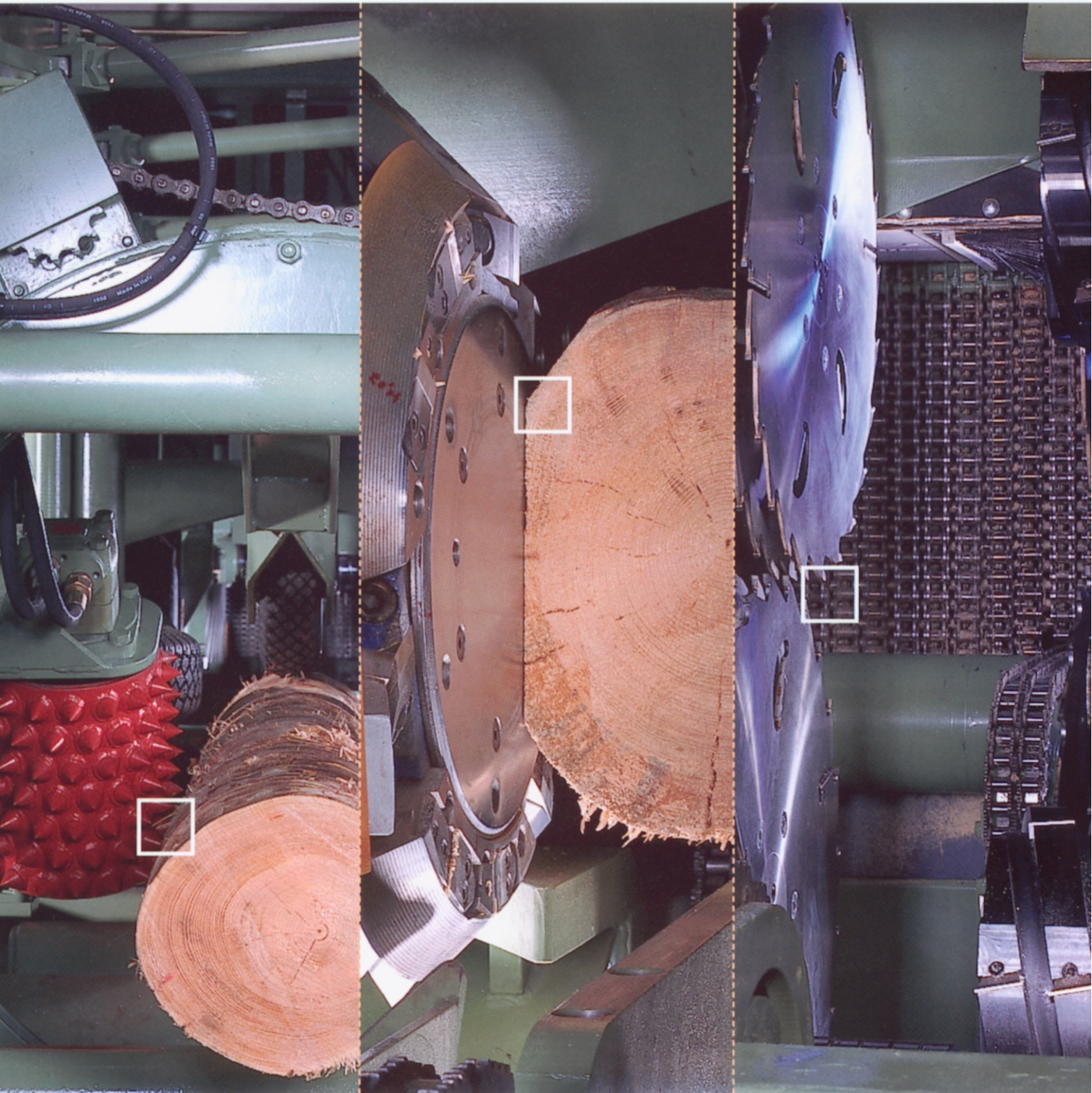


MÖHRINGER

makes timber fit



The flexible Chipper-Canter Circular or Band Saw Combination

□□□ **AUTOCHIPPER - AUTODUO**

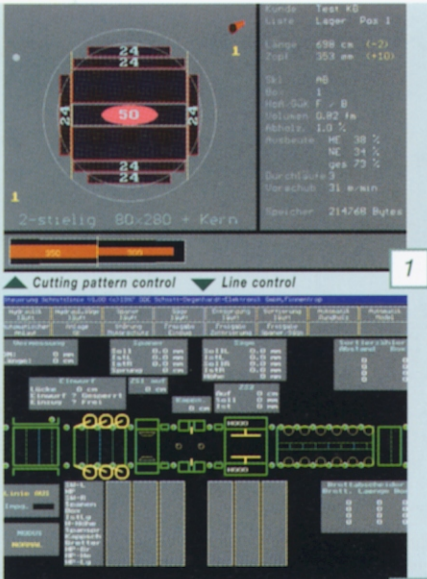
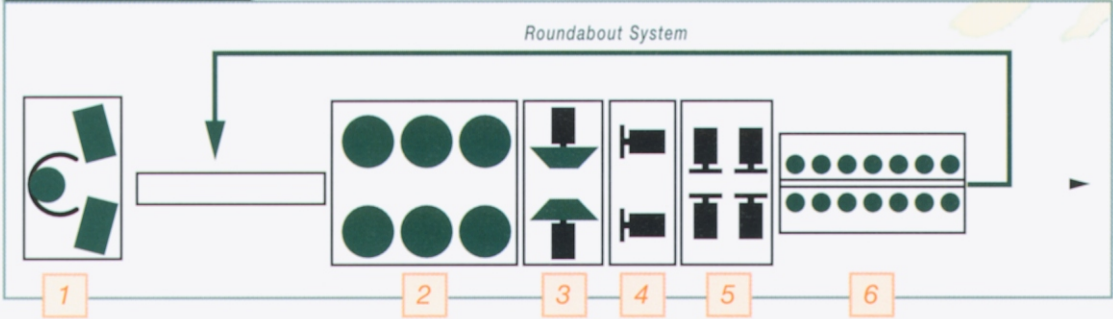
Autochipper - first-class cutting quality

- fast and flexible

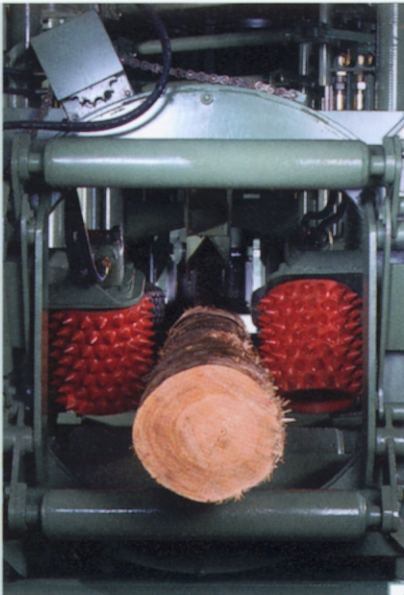
Möhringer is one of the worlds leading suppliers of complete sawmill equipment and log yard systems. The Company now includes within its range a chipper canter

log brake down system incorporating the latest in technology thus, ensuring a rapid return on investment.

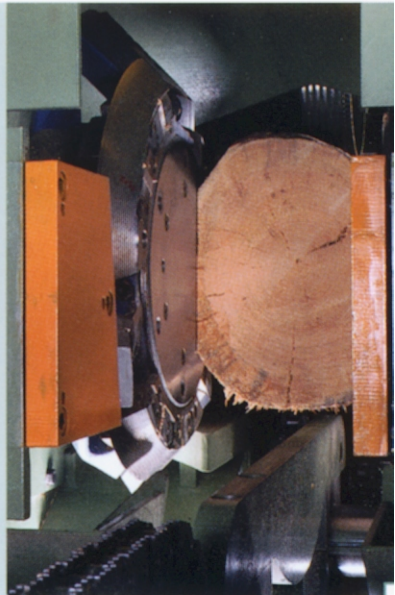
Base conception



Operator Control Desk



Infeed Device



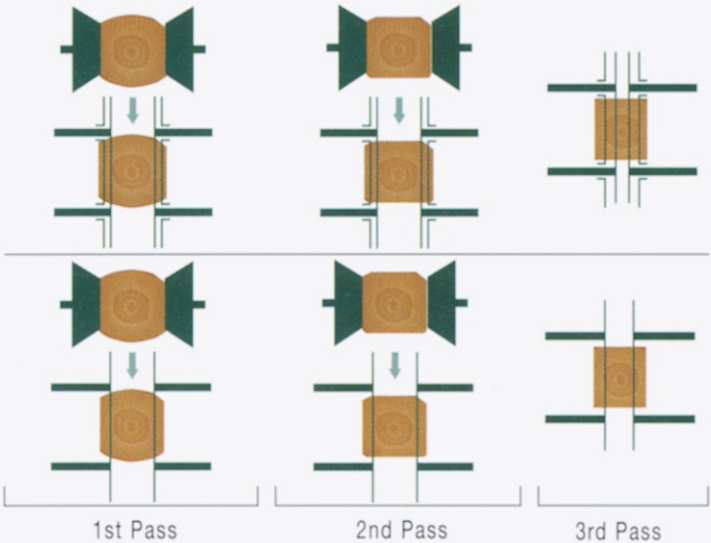
Autochipper Chipper Unit

Flexible processing of logs and cants

flexible width

6 Positioning heads

4 Positioning heads



■ High quality - High Value Chips

Where chip quality is at a premium the Chipper Heads can be fitted with Keyknife inner finishing knives. These produce chips rather than sawdust created by the utilisation of a circular finishing saw.

■ Equipment options to meet every application

As standard, the system incorporates a twin, double arbour circular saw behind the canter. This is integrated with an automatic roundabout system to recycle the timber to produce the finished product. As an option particularly where kerf is required to be at a minimum, the canter system can be supplied with twin, or even quad bandsaws in place of the circular saw. In addition, the roundabout can be replaced by a second canter system producing the finished product in one single pass.

■ State of the art scanning setting and control system

Every log is scanned as it enters the system and the individual chipper heads and saws are automatically positioned to cut the timber to the pre-programmed cutting programme. They are positioned by means of a digital, hydraulically driven setting system, ensuring setting that is both precise and fast. The resultant cant is then recycled

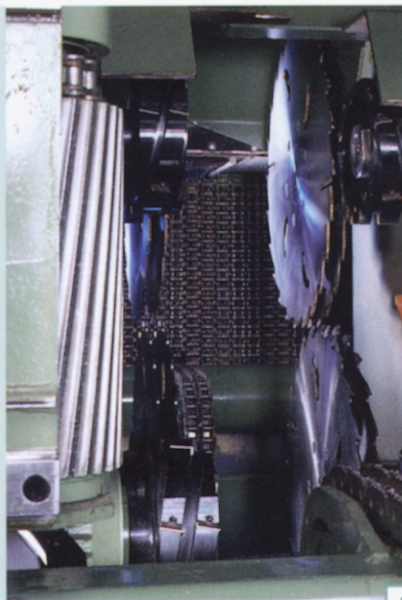


Circular finishing saw



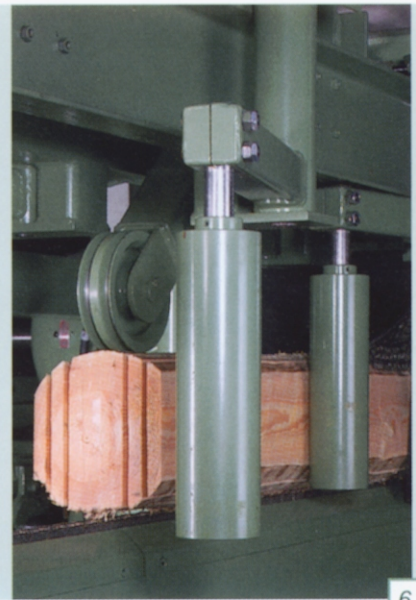
„Flying„ cross cut

4



Autoduo Double Arbor Circular Saw

5



Outfeed Device

6

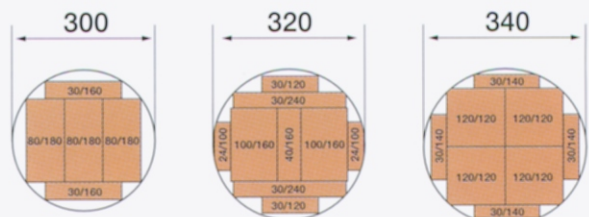
Flexible processing of logs and cants

by the roundabout system and fed through the canter a second time to produce the finished product. The settings required for the second pass are stored by the system and the canter and saws set automatically. The system ensures not only that the yield is maximised for each log no matter what its diameter, but also allows the sawmiller to vary cutting patterns to meet the varying demands of his order books.

■ Processing long timber

Where long timbers are to be processed the system has two additions available. The first which optimises yield is, the ability of the canter to „step„ outwards as the timber passes through. This means that as the long log increases in diameter due to its normal taper the cutting pattern is in effect altered to take account of this.

The second is the installation of a „flying„ cross cut between the canter and the saws. This crosscut not only allows the processing of long logs whilst keeping board lengths manageably short but as it operates whilst travelling at a speed synchronised with the log it does so without interrupting production.

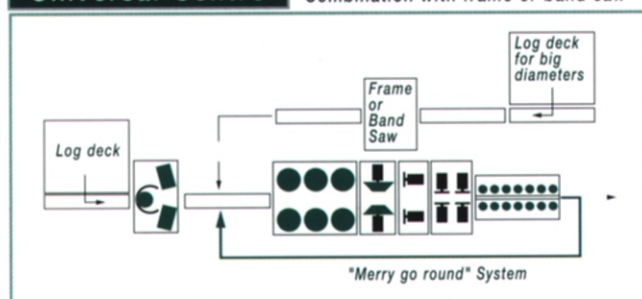


Application examples

Universal and Autochipper Centre

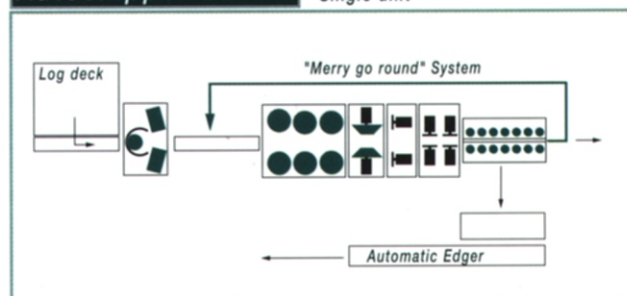
Universal Centre

Combination with frame or band saw



Autochipper Centre

Single unit



The Autochipper-Autoduo is of a modular design which can be integrated into a sawmill as follows:

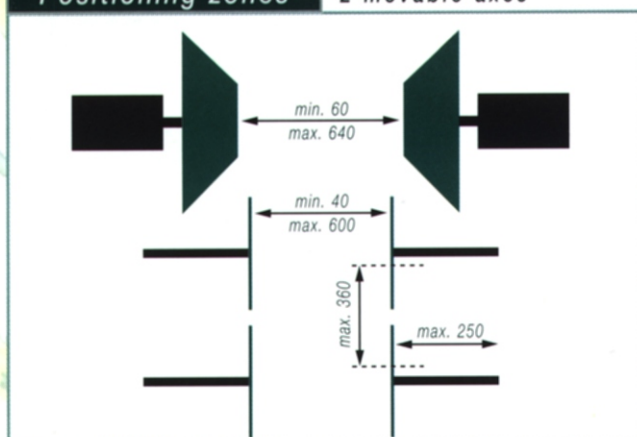
- As a single unit with an integral "merry go round" or roundabout system for cutting small diameter logs.
- As a high production line utilising two Autochipper units one behind the other. The first producing a two sided cant which is chipped and sawn to the required product by the second.

- As an integral part of a frame or band saw mill.

The mill would then become an "universal centre" combining flexibility with high productivity when processing logs of different diameters.

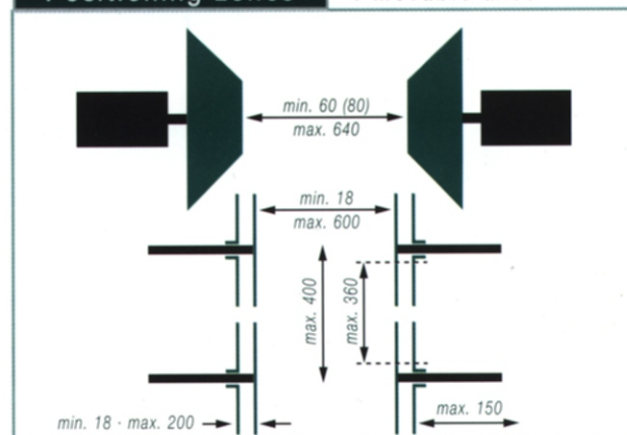
Positioning zones

2 movable axes



Positioning zones

4 movable axes



Technical data Autochipper-Autoduo

	Version 40-2	Version 40-4	Version 60-4
Passage width max. (mm)	640	640	640
Log length min. (m)	2,5 (1,7)	2,5 (2,2)	2,5 (2,2)
Log diameter max. (mm)	400	400	600
Log diameter min. (mm)	100	100	120
Cutting depth min. (mm)	60	60	60
Cutting depth max. (mm)	360	360	400
Board thickness min. (mm)	18	18	18
Feed speed max. (m/min.)	75	60	60
Saw blade diameter (mm)	590	630	670
Crosscut depth (mm)	40	80	80