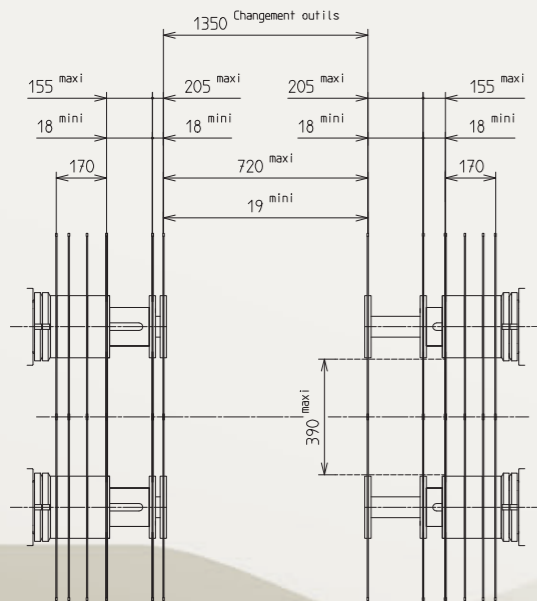


- Wood length: 2 to 7 m.
- Diameter max.: 500 mm. or 650 mm with protective routers.
- Sawing thickness mini.: 17 mm.
- Feed speed: 10 to 100 m/min.
- Blades diameter: 635 mm.
- Blades rotation speed: 2000 tr/min.
- Motor power: 4x (90 to 160 kW).
- Weight: 32 000 Kg.

PRIMARY BREAKDOWN

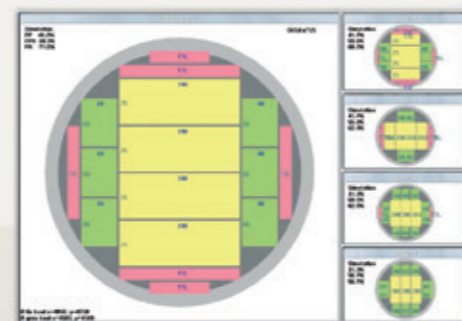


SECONDARY BREAKDOWN



### SCANNER and 3D OPTIMIZATION SYSTEM

- Sawing configurations according to product qualities or specific orders.
- Optimization considering multiple parameters such as recovery, priority or financial.
- Several breakdown patterns are proposed in addition to the best calculated pattern.
- Management of production downtime.



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to study all new system or modernization  
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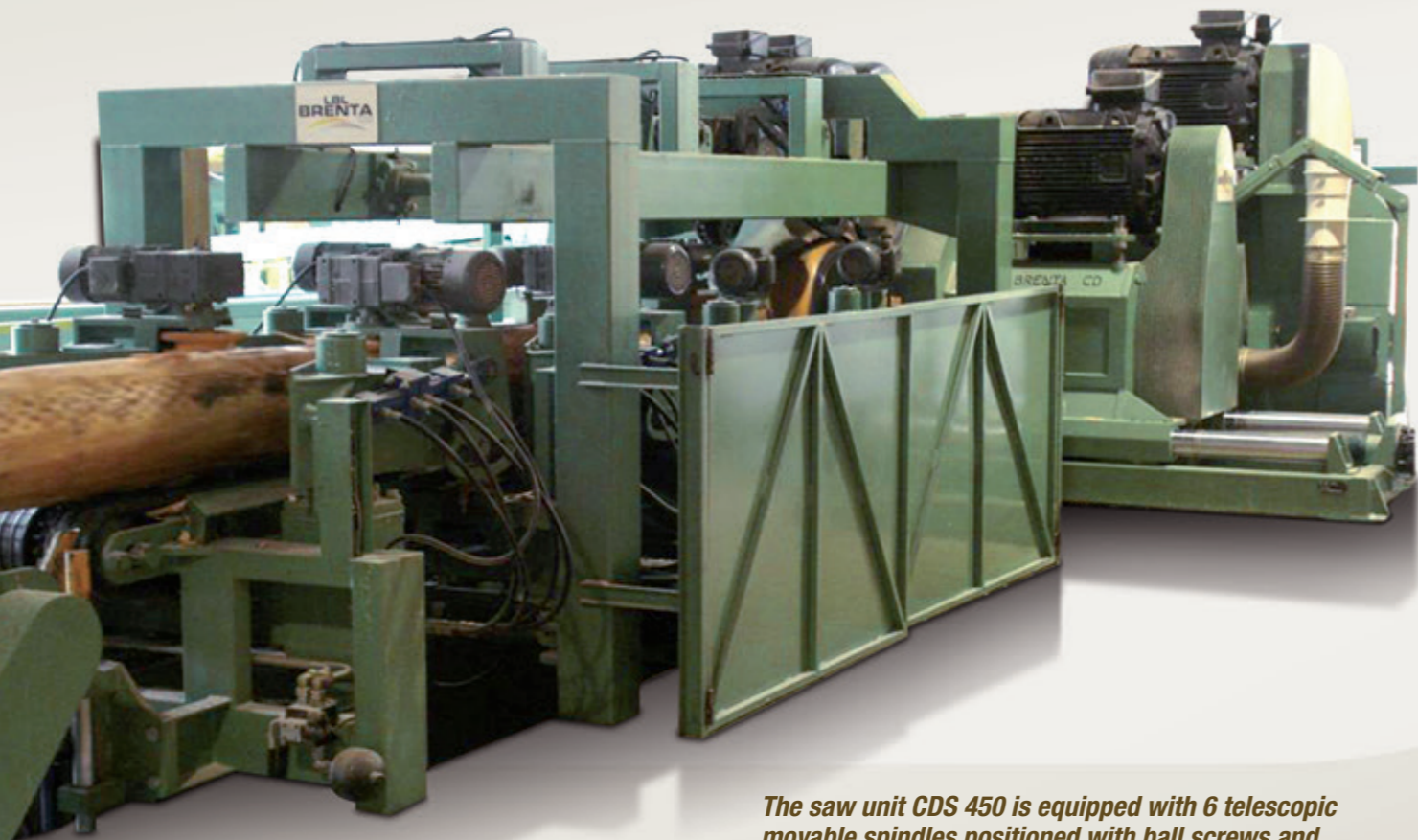
**FLEXIBILITY**  
**HEAVY DUTY**  
**SAWING**  
**QUALITY**

CANTER-CIRCULARSAW  
DOUBLE ARBOR 6 MOVABLE SPINDLES  
7 variable products

- Flexible log processing unit with merry-go-round system for the resaw of unsorted cants.
- Sawing unit controlled by scanner and 3D optimization system.

# Double arbor circular saw unit CDS 450

Versatile double arbor circular saw unit with canter for the process of logs and the resaw of unsorted cants.



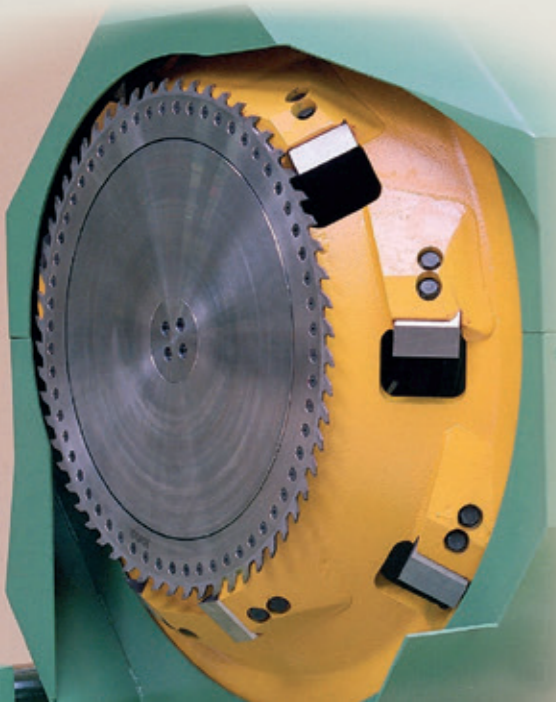
*The saw unit CDS 450 is equipped with 6 telescopic movable spindles positioned with ball screws and servomotors ensuring sawing precision. The blades are automatically adjusted in height for an equal distribution of the sawing forces.*

*Used as primary or secondary break down, the CDS 450 stands for high-precision finished products with a surface finish close to planing quality. The flexibility of the machine enables the infeed of cants coming from the log bandsaw.*

## CHIPPER CANTER CT 700

- 2 chipping heads face to face, cast iron construction and great resistance of wear.
- The heads move on a pair of Ø120 mm chromium plated columns.
- 9 chipping step knives easily removable.
- Quick and precise positioning by ball screw and servomotor
- 2 lateral roller boxes including 2x3 motorized rollers guide the cants between the chipper canter and the saw unit.
- The quality of the chips meets the requirements of the pulp industry.

Maximum chipping depth = 150 mm  
Maximum opening face = 650 mm



## LOG INFEED TABLE

- 4 log turners placed face to face consisting of tilting hedgehog rollers with asymmetric movements automatically orientate the logs for an optimal cut. The log turners are controlled by the optimization system.
- 4 lateral motorized pressure rollers, hydraulic drive, centre and guide the logs and cants.
- 3 upper pressure rollers, one of them motorized, placed before the chipper canter ensure a good holding of the products.

## CIRCULAR SAW OUTFEED TABLE

- 4 motorized centring pressors ensure an accurate guiding of the products during the sawing.
- 7 upper diabolos hold the central product which may be recycled while the double propeller rollers located of either side of the central beam evacuate the side boards.



## CIRCULAR SAW LINE WITH MERRY-GO-ROUND SYSTEM

