

**SPEED**  
**PRECISION**  
**STURDINESS**  
**RELIABILITY**

INDEPENDENT HEADBLOCKS or PARALLEL

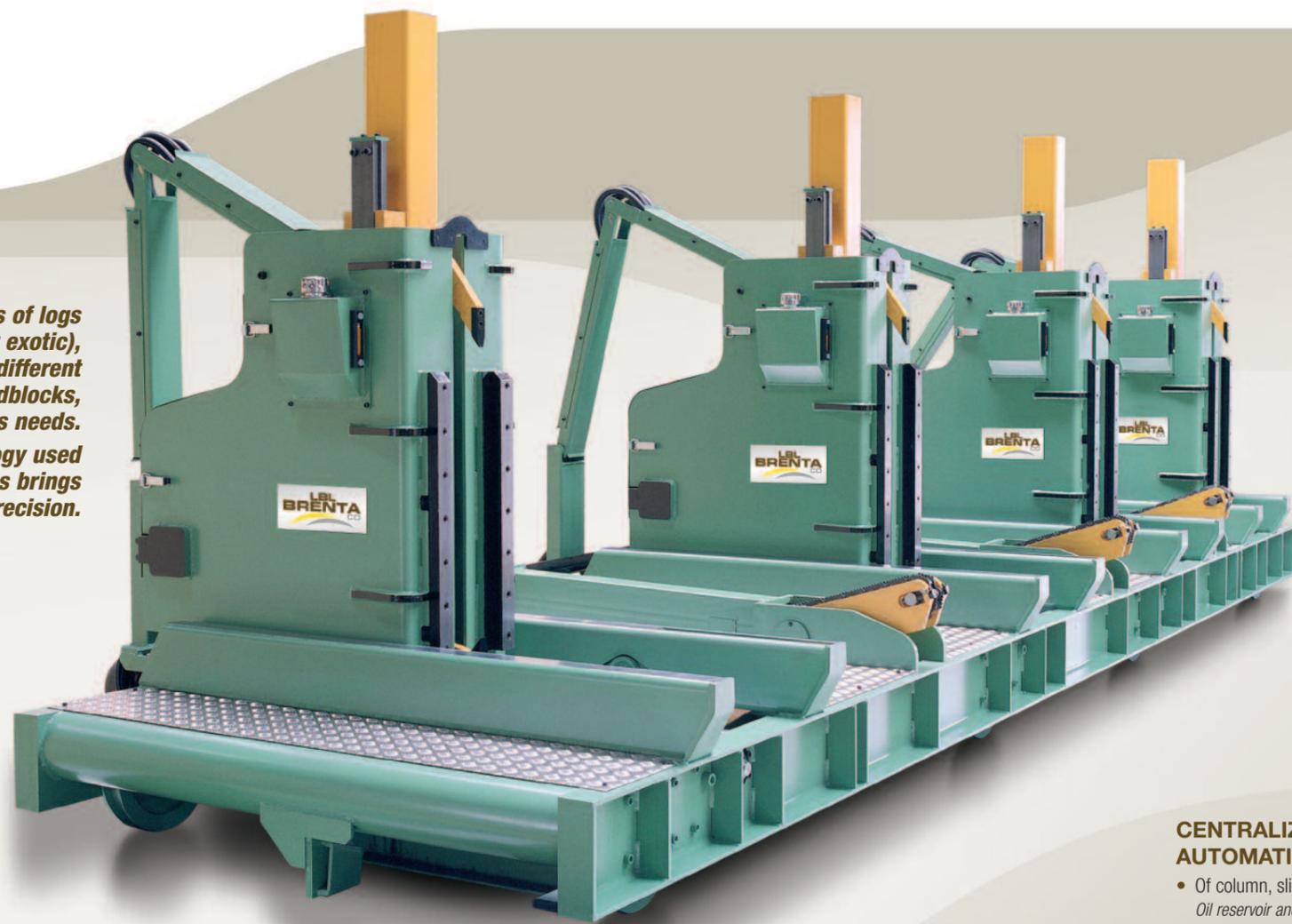
- Pneumatic or hydraulic version
- Opening from 1060 to 1460 mm
- Clamps opening : 800 mm to 1200 mm

## SPIDER

# Log carriage SPIDER

**Designed for cutting all types of logs (timber coniferous, leafy or exotic), SPIDER carriage is built in different versions from 2 to 5 headblocks, according to users needs.**

**Ball screws technology used on independent headblocks brings sawing rapidity and precision.**



## LOG TURNERS BRENTA TYPE 'V'

- Single, double or triple version.
- Easy handling of important logs diameter.

## CLAMPS POSITION

- Pneumatic version, 4 positions : 17/47/137/167 mm
- Hydraulic version : 17 to 167 mm

## REMOVABLE TIPS

- Treated steel.



## CENTRALIZED AND AUTOMATIC LUBRICATION

- Of column, slides and clamps. Oil reservoir and sight gauge.

## BRENTA ROLLERS

- In great wear resistance cast-iron, mounted on reinforced axle.



## DOUBLE ROUND SLIDES hard chromed Ø 120 mm

- Oil bath lubrication of the moving system allows drive speeds (up to 1 meter/seconde)

## POSITIONING CARRIAGE WITH INDEPENDENT HEADBLOCKS

- Positioning by BALL SCREWS in induction treated steel. This technology from machine tool provide more important sawing precision.



## REPLACEABLE STRIPS

- In case of wear.

## FLIPPERS FOR SLABS

- Integrated into the headblocks slide and safe from damage when not in use.
- Mounted on bearing shaft, these flippers provide fast and effective slab handling and also the reloading of several pieces from the storage and reload deck for multiple resawing.

## OPERATOR'S CONTROL PANEL

- Ergonomics studied for efficiency.
- Movement control with joystick.
- Adjustable seat.
- Is integrated in air-conditioned cabin.

## TOUCH SCREEN LINEA NETWORK

- Computer card with Windows.
- User-friendliness and speed.
  - Screen 260 mm. Resolution to 1/100ème mm.
  - Extended memory : up to 2000 programs.
  - Control of servo motors which pilot headblocks position in real time.
  - Pilots headblocks angle positioning.
  - Sawing precision whatever log's efforts.
  - Maintenance help and parameter tools setting.

## PNEUMATIC RETURN PULLEY

- Shock absorbers improve steel cables life. Pulley Ø620mm in cast-iron.



## CABLE WINCH DRIVE

- Power from 37 to 100 CV
- Drum Ø 565 mm. Steel cable Ø 22 mm.
- Emergency brake. Centralized lubrication.
- Deliver up to 150% of rated power on acceleration and deceleration.
- Electronic monitoring by exchangeable card.



## COMPACTNESS AND SIMPLICITY

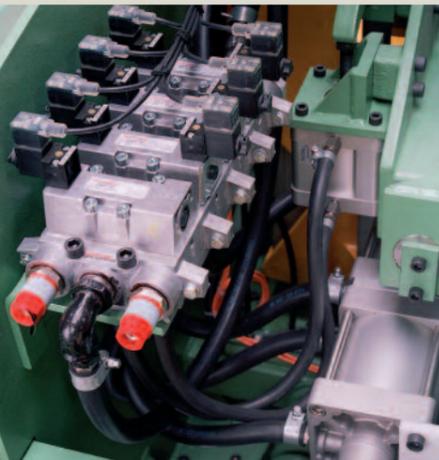
- Easy access for speed maintenance.
- All components integrated inside headblock avoid accidental damages.

## SHOCK ABSORBERS BRENTA

- Protection in case of damage during loading

## CARRIAGE WITH PARALLEL HEADBLOCKS

- Positioning by ROLLERS CHAINS triplex 25.4 mm.





## AUTOMATIC ALIGNMENT in option

This technology brings alignment rapidity and precision.

### • ADVANTAGES :

- Automatic alignment and first cut optimized.
- Decision-making and positioning assistance.
- More exact and regular than man, this new system makes easier sawyer's work and bring productivity profit.

### • PRINCIPE :

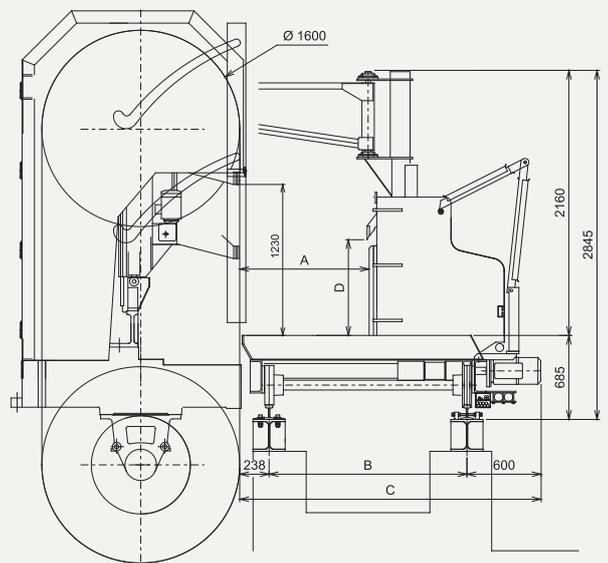
- Laser sensors automatically record log diameter and profile.
- Automatic alignment of log on center or exterior side.
- Once clamping is made, the log crosses the cells barrier.

Headblocks go forward up to cut across cells barrier, then move back and orientate on position to give programmed opening face.

All these measures are treated by computer, log's profile, length and conicity are calculated.

From these information, setwork aligns automatically log to blade or to slab chipper with programmed opening face.

Alignment is made in masked time, during movement of carriage towards the blade.



mm	SPIDER 1060	SPIDER 1260	SPIDER 1460
A	1060	1260	1460
B	1600	1800	2000
C	2440	2640	2840
D	800 or 1000	1000	1000 or 1200
Ball Screw	yes	yes	no

LBL BRENTA CD

19, avenue Jean Barraud  
71170 CHAUFFAILLES - France

Tél. : +33 (0)3 85 26 00 73  
Fax : +33 (0)3 85 84 63 79

contact@lbl-brenta-cd.com  
www.lbl-brenta-cd.com

FOR YOUR PROJECTS, CONTACT US !  
Sales department can help you,  
to study all new system or modernization  
of existing plants.