LBL BRENTA CD

Edger

SIMPLE
COMPACT
VERSATILE

4 MOVABLE BLADES
+ 1 MULTIBLADE FIXED SLEEVE

- Sawing height from 14 to 150 mm
- Power from 55 to 180 Kw
- MULTIRIP-SAW version

OXIA 150

Edger
OXIA 150

From innovating design, OXIA edger fits needs of all users.

In order to satisfy customers specifications differents options are proposed :

- ***manual or automatic infeed,***
- ***waste separators,***
- ***chipping slab,***
- ***merry-go-round system.***

LASERS LINES

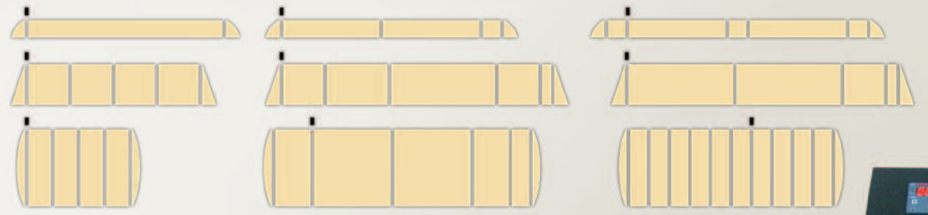
- Indexed to blades, show cutting before sawing.

FIXED REFERENCE

- For a optimum recovery edging, work is made with regard to the fixed blade.

4 MOVABLE BLADES - 4 VARIABLE PRODUCTS

- Moving blades system patented, allowing high flexibility.
- 1 to 4 movable blades can be positioned to a dimension from 18 mm to 500 mm.
- The left fixed sleeve (200 mm width) can receive one or several blades.
- All is installed on fluted shaft Ø85mm with high-resistance treated steel.
- Largely dimensioned bearings.



BOARDS

PLANKS

CANTS

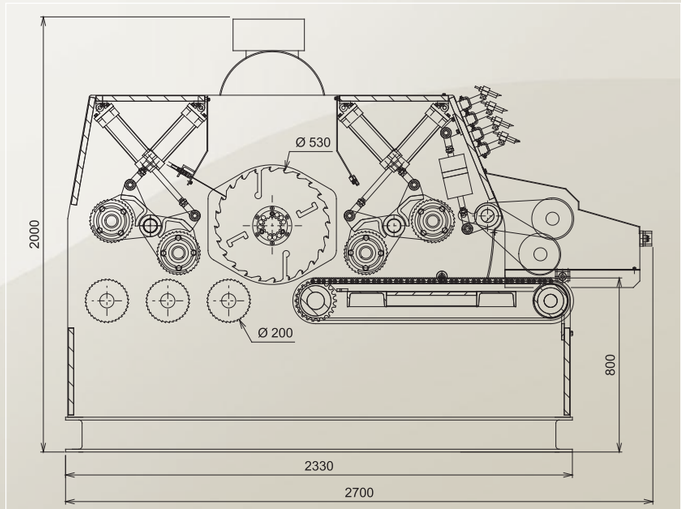
LATERAL DOOR

- Easy access and fast blade changing.

AUTOMATIC FALL OF PRESSURE ROLLERS

- Automatic height adjustment of pressure rollers according to products thickness.

Operator is out of height adjustment problems.
This proceeding avoids slanting risk during infeed under rollers.



SPECIFICATIONS

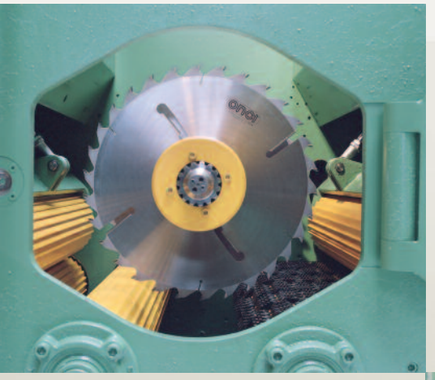
Sawing thickness	*14 à 150 mm*	*Blades diameter*	*530 mm*
Max. pass width	*1000 mm*	*Motor power*	*55 à 132 kW*
Max. edging width	*800 mm*	*Feed speed*	*10 à 110 m/min*
Wood length	*1.2 m à 6 m*	*Dimensions*	*2500 x 2700 x 2000 mm*
Blades distance	*18 à 500 mm*	*Weigth*	*6 800 Kg*
Blades rotation speed	*2240 tr/min*		

TOUCH SCREEN LINEA SETWORK

Control panel centralized on pantograph.

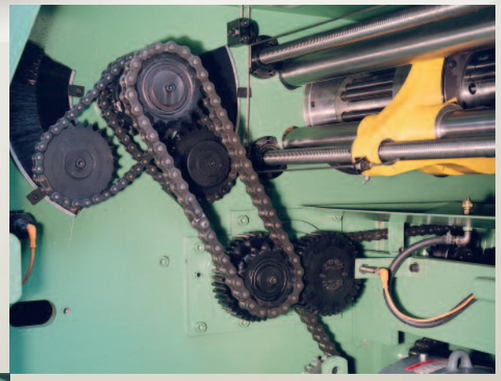
Ammeter of wear control of the blades and feed speed regulation.

- Computer with PC 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 and control the position of the blades in a closed loop.*
  - *Contributes to the maintenance and parameter setting of tools.*



OVERHEAD SAWING

- This proceeding avoids risk of return of large thickness products, towards operator.
- Protective tunnel is installed at the exit to avoid projection.
- Better productivity and motor power reduced.
- Very good sawing quality and thinner kerf saw.



EFFICIENT HOLDING OF PRODUCTS

- Driven by sharp belt triplex chains and 5 pressure rollers.
- Motorization by gear-motor and frequency variator.

BLADES POSITIONING BY BALL SCREWS AND SERVO MOTORS

- From machine tool, this technology offers a continuous control of blades position, for important sawing precision.

CENTRALIZED LUBRICATION

- Lubrication of blades moving system and chain drives.

OPTIONAL EQUIPMENT

EDGE WASTE SEPARATORS

- Separate the edge waste and then evacuate them sideways at high speed.
- Piloted by servo motors, each separator can be indexed on one of the 4 movables sleeves.

CANTER SH400

- Installed in front of the edger, the chipping heads process the edge waste into easily transportable large chips.
- Thanks to these 2 complementary tools, totally disposition of 6 movable products.

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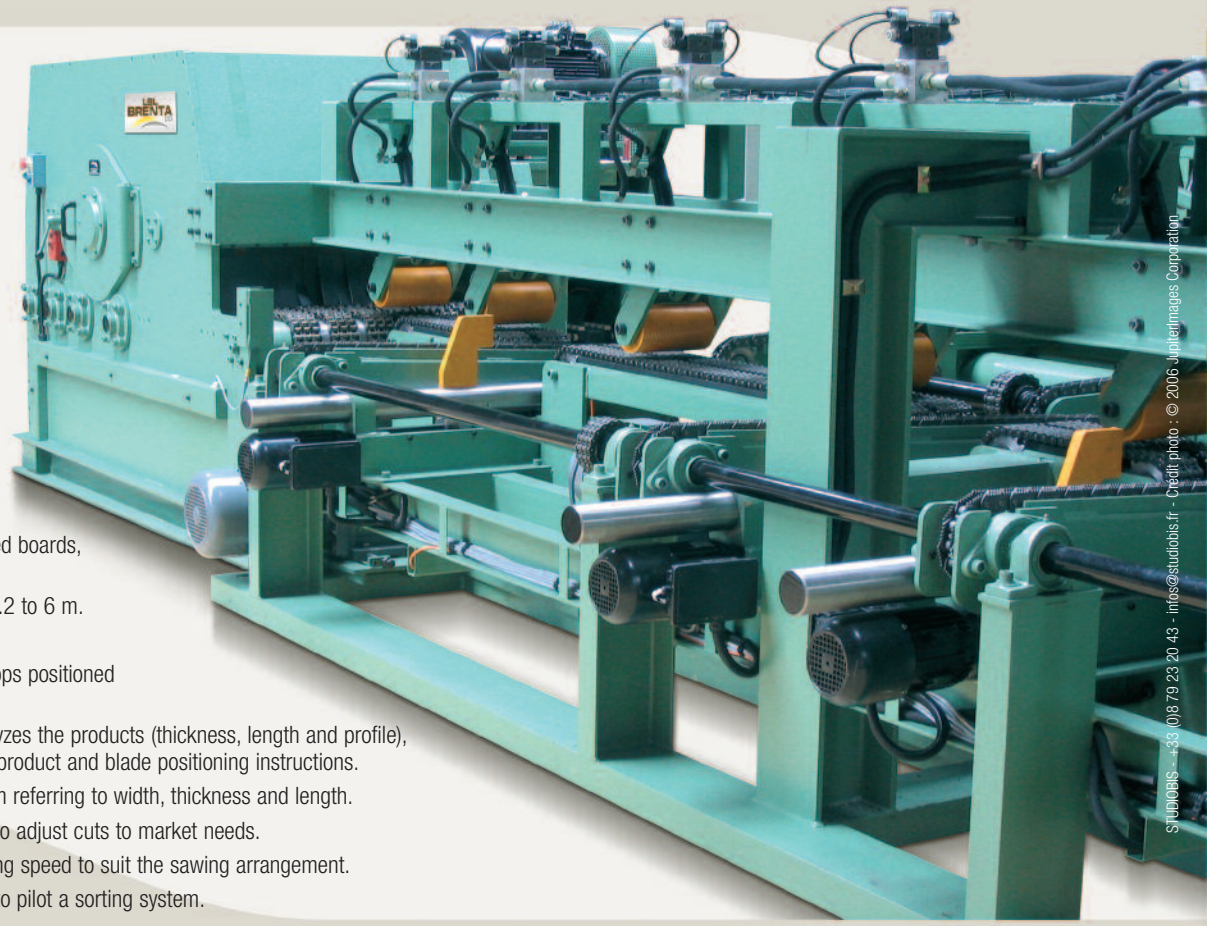
EDGING LINE WITH AUTOMATIC INFEED

Sturdy construction, this production tool flexible and reliable offers excellent product holding and guarantees sawing precision.



AUTOMATIC INFEED SYSTEM

- Automatic introduction of unsorted boards, planks or cants.
- 15 to 30 products/min. Length 1.2 to 6 m.
- Speed 20 to 200 m/min.
- 3 to 6 independent alignment stops positioned by ball screws and servo-motors.
- The scanner (laser sensors) analyzes the products (thickness, length and profile), optimizes the cut and sends the product and blade positioning instructions.
- Automatic choice of best program referring to width, thickness and length.
- Many programming possibilities to adjust cuts to market needs.
- Automatic regulation of the sawing speed to suit the sawing arrangement.
- All this information can be used to pilot a sorting system.

INFEED CHAIN AND PREPARATION TABLE

Boards are separated in a singulator conveyor.

- *Cleaning and setting to length of products before measuring.*
- *Optional turning flippers.*

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