Stand M25

Hall 25

Technical Data of main machines:

Twin Bandsaw Details -----

- Max. Log Diameter: 500mm. - Min Log Diameter: 150mm. - Max. Log Length: 6000mm. - Min Log Length: 2000mm.

Log BandSaw Details ---

- Diameter of Wheels: 1000mm / 1200mm / 1400mm. - Width of Wheels: 115mm/135/190mm. 45kw/55kw/75kw/90kw. - Main Motor Power:

(1200 mm Option).

Chipping Canter Details ------

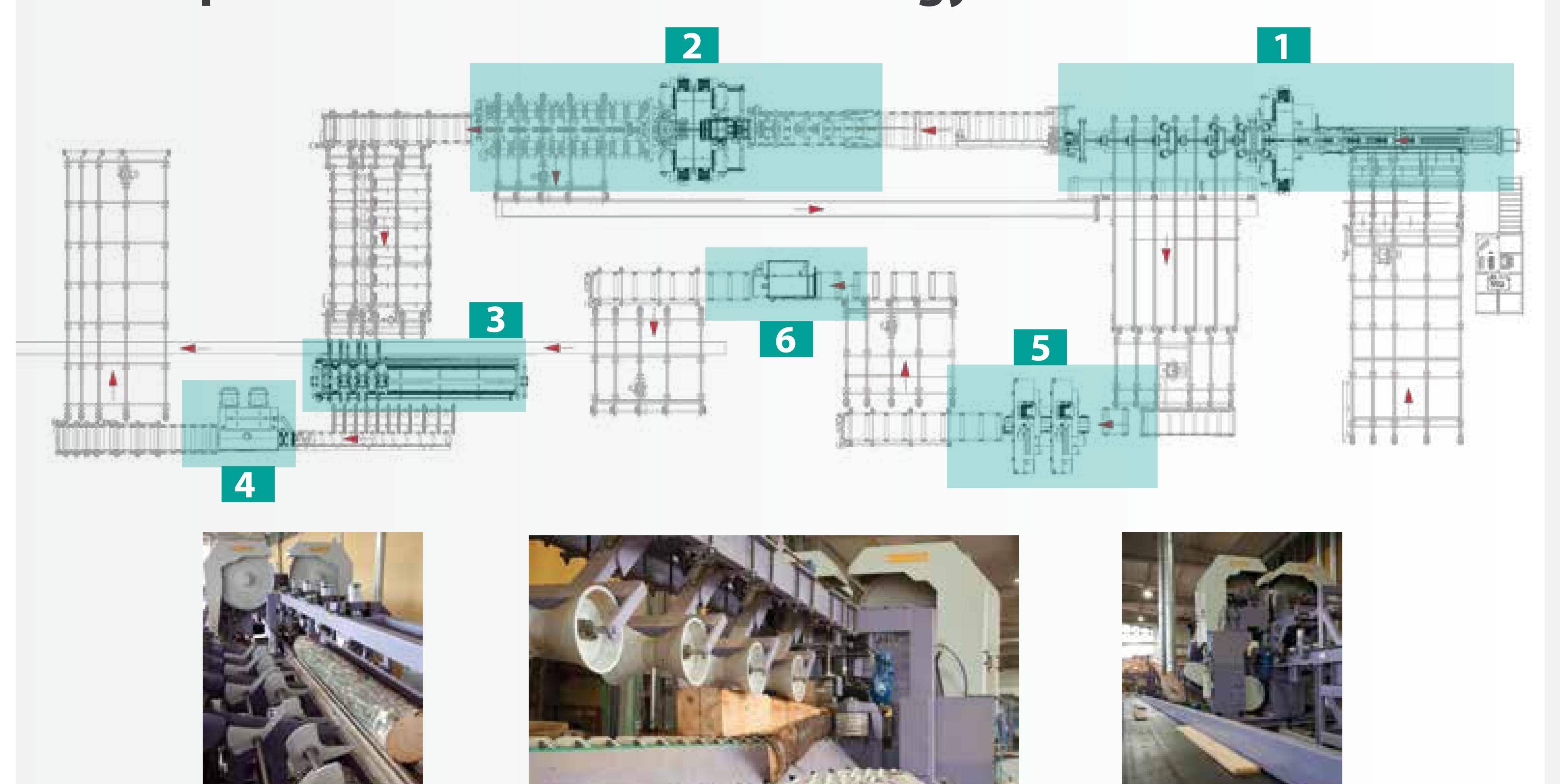
- Saw Diameter: 550mm/820mm.

- Max. Chipping Depth: 150mm.

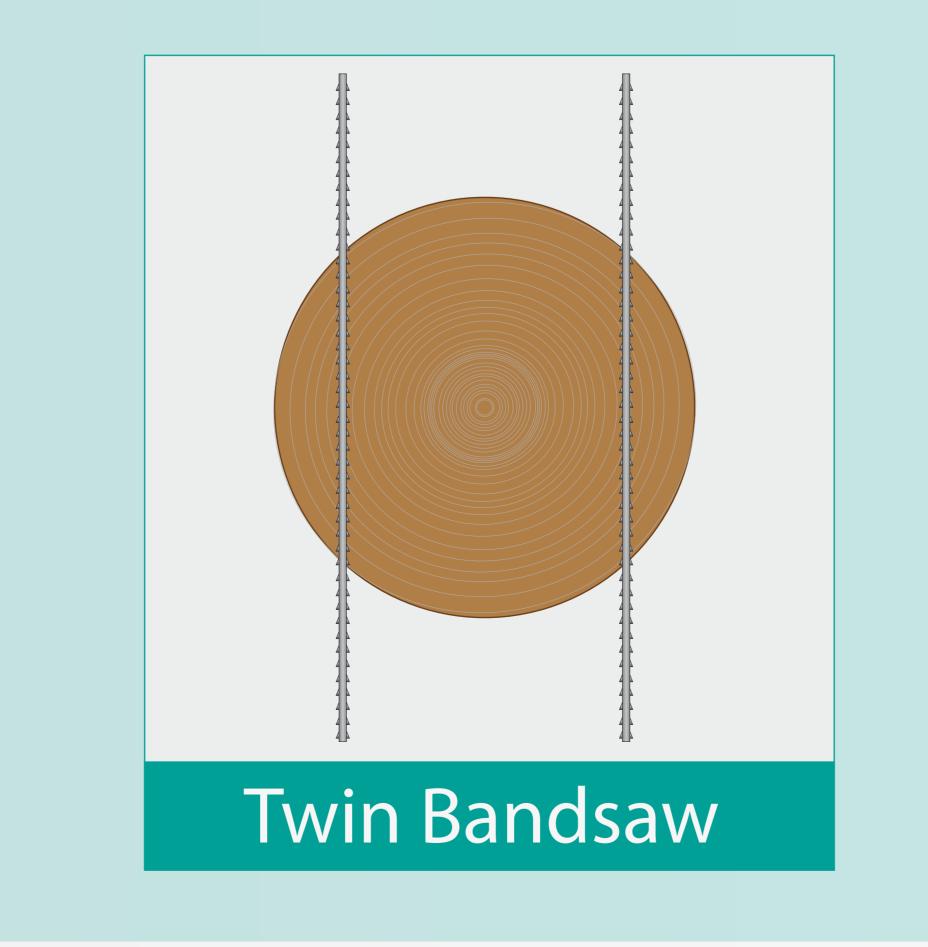
- Main Motor Power: 55kw / 75kw / 90kw.

After studying the customer's needs, our team designs a customized project to meet the customer's expectations.

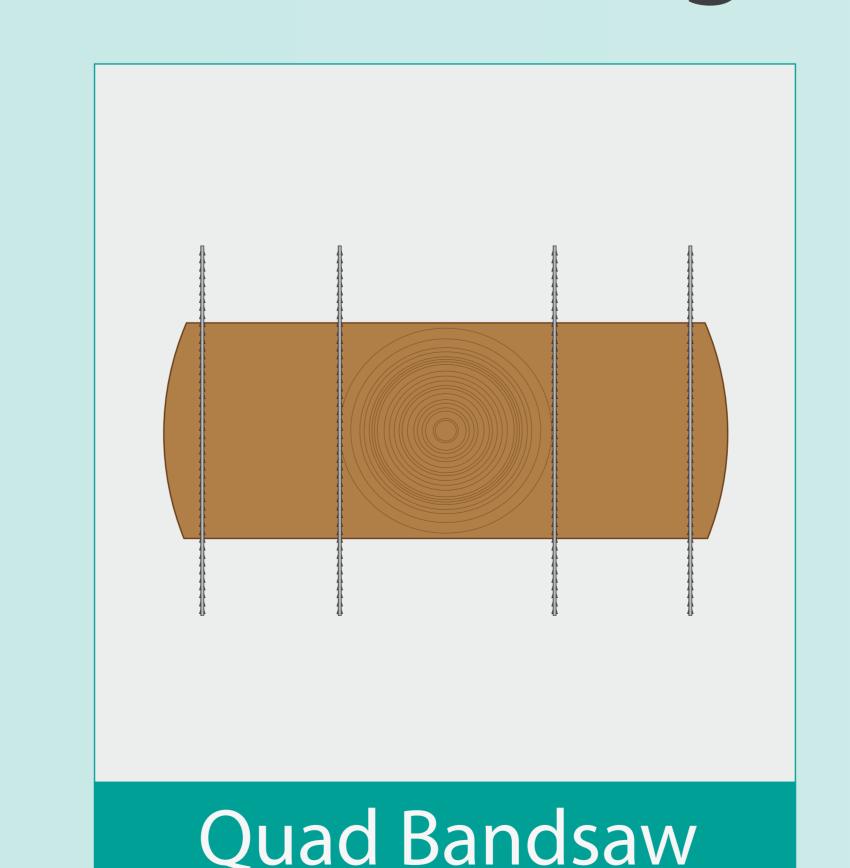
Example 1: Twin Bandsaw Technology







2 Cant Sawing:

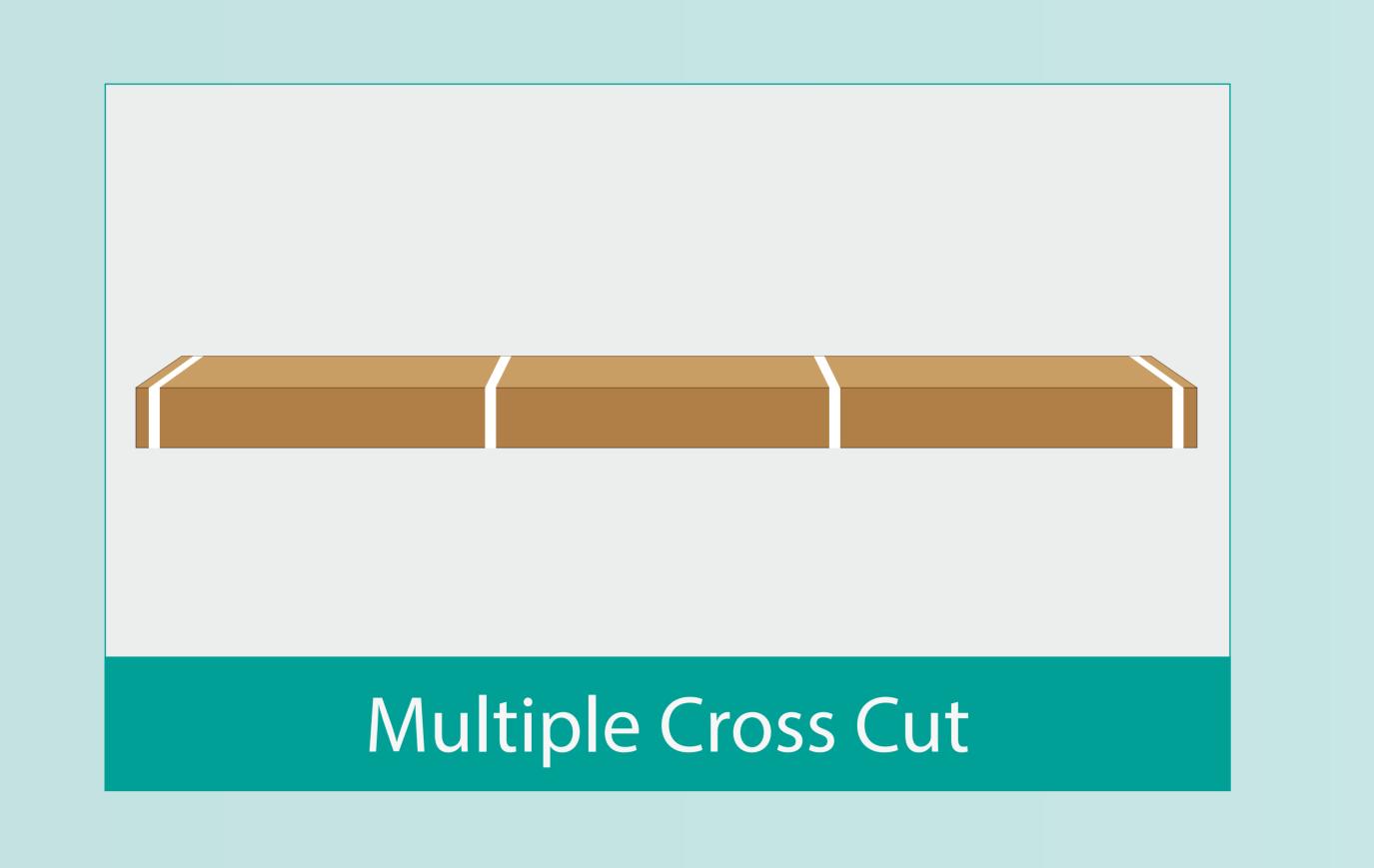


Reliability, Heavy Duty & Performance

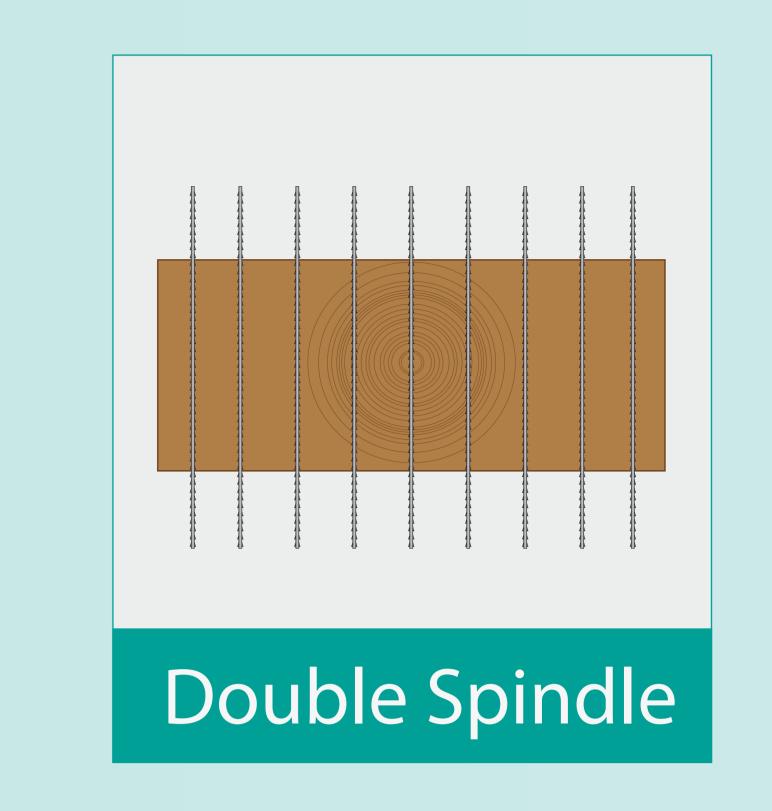
This type of configurations is ideal for Pallet producer, daily capacity between 180 - 230m³.

 Quadro Bandsaw can be configured as a main machine for sawing logs.

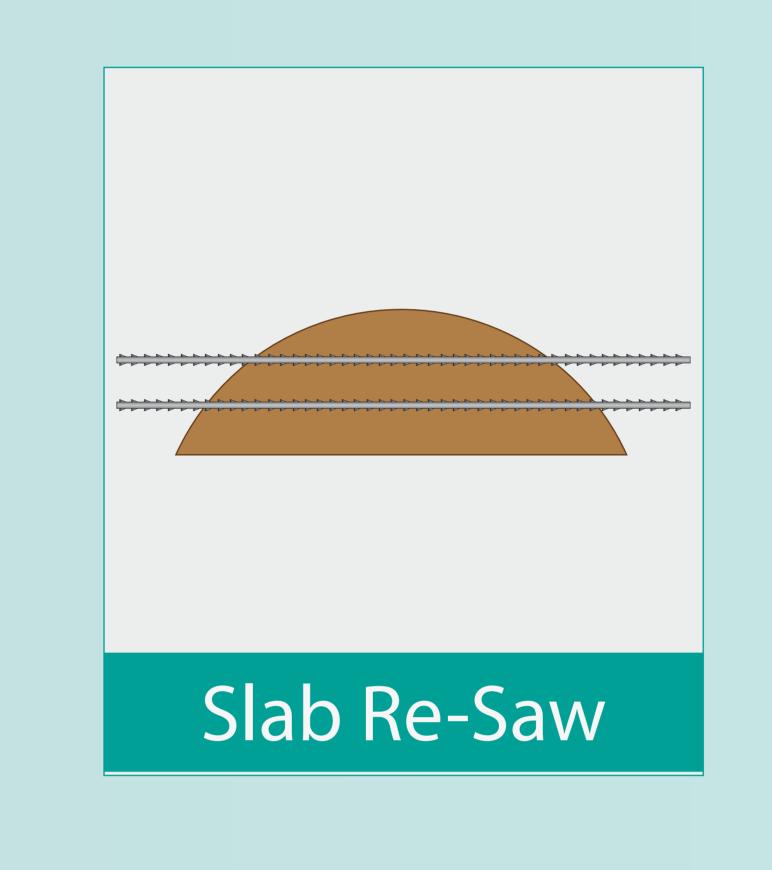
Multiple Cross Cut:



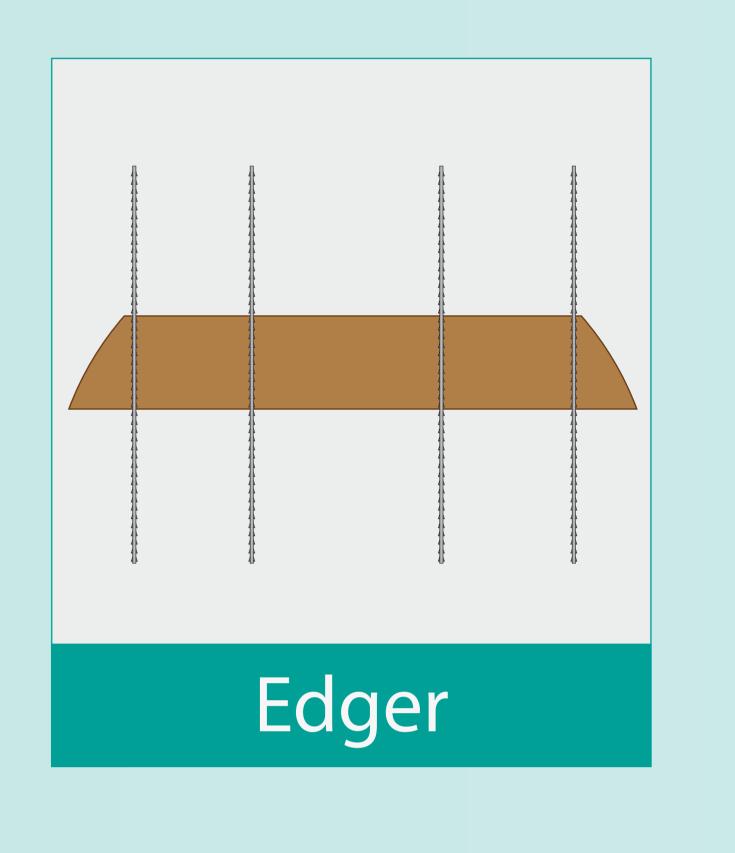
4 Multiple Rip Saw:



Horizontal Band Re-Saw:



Parallel Board Edger:

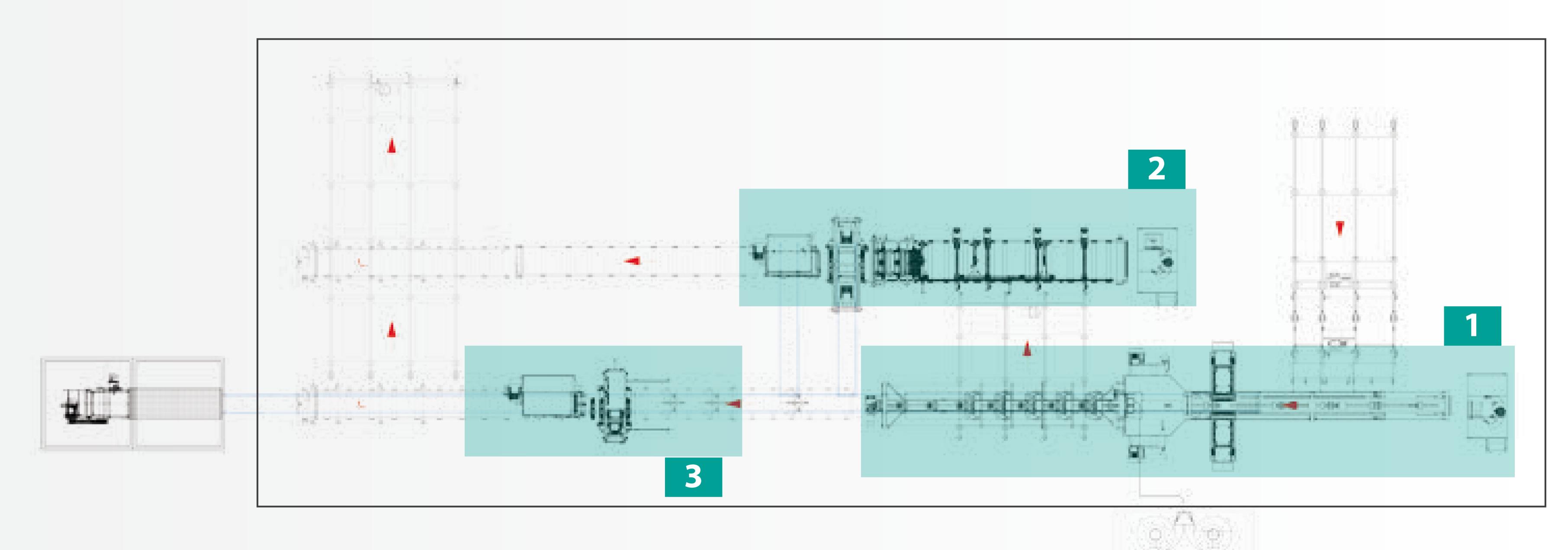


*The Cross Cut, Horizontal Band Re-Saw and Edger are provided in multiple versions / capacities, in accordance with the specific needs of the customer.

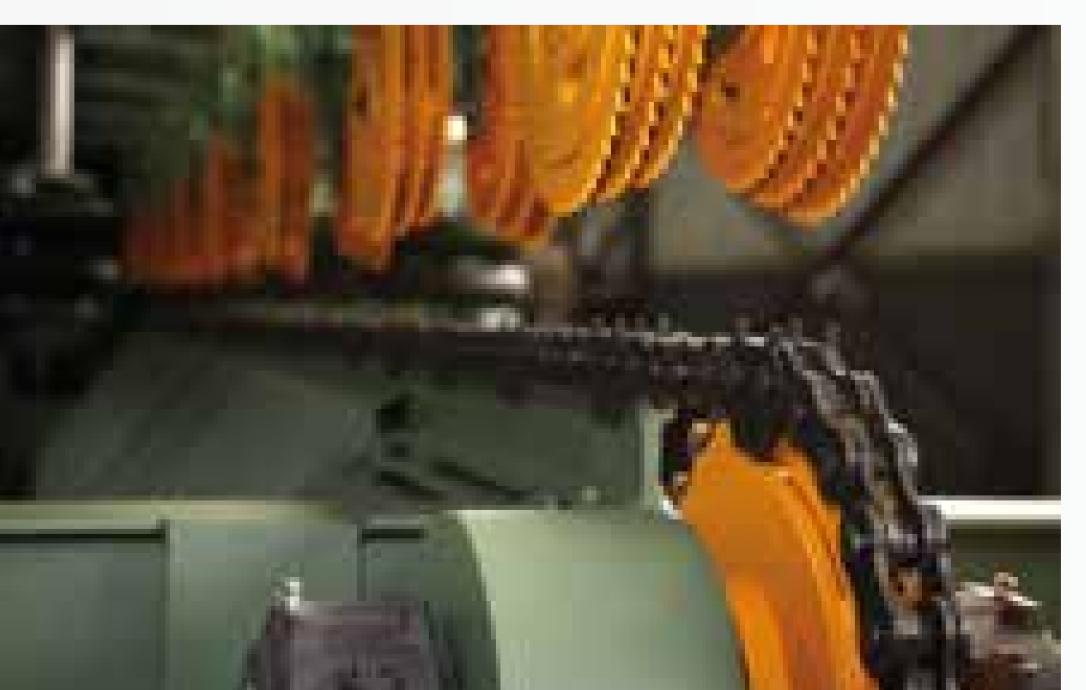
Option:

- All the slabs can be operated by using chipping canters.

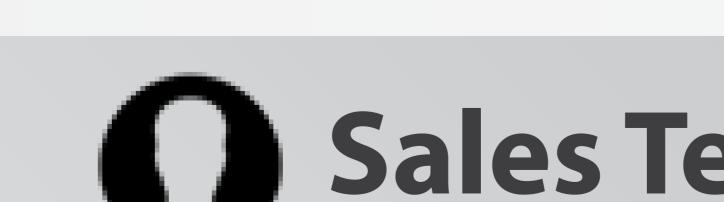
Example 2: Circular Technology











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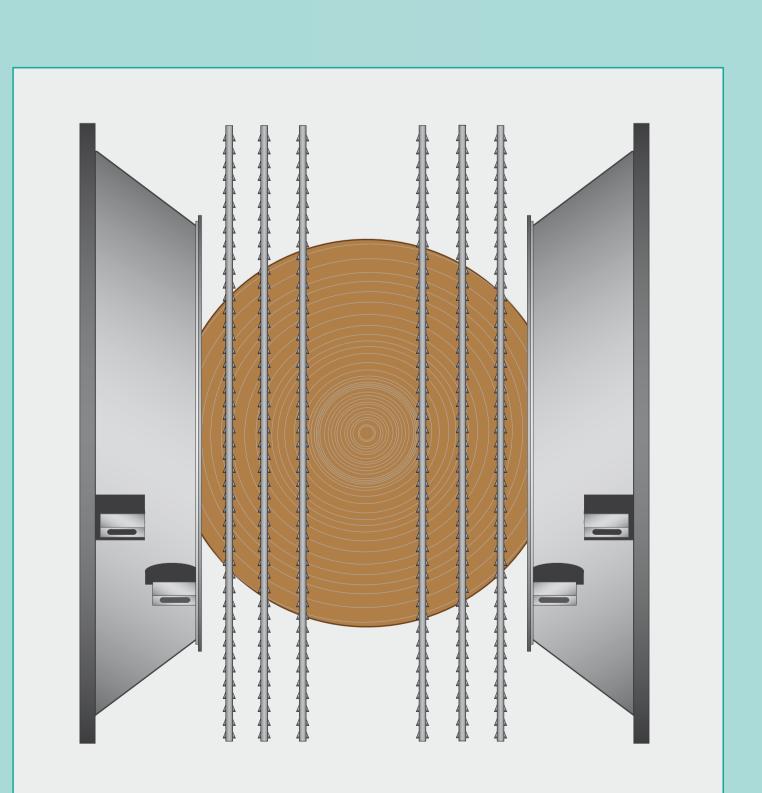


CIRCULAR SAW TECHNOLOGY



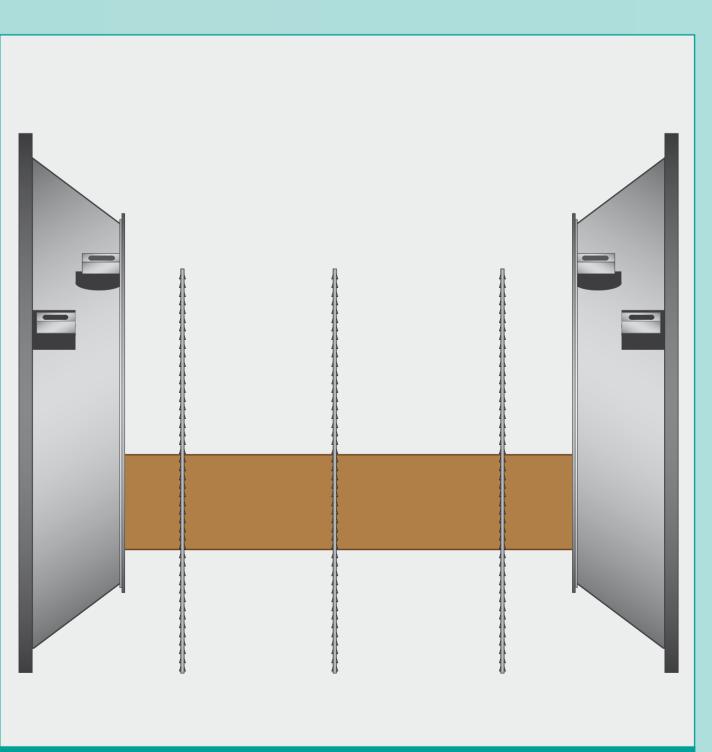
PRISMALINE

Log Sawing:

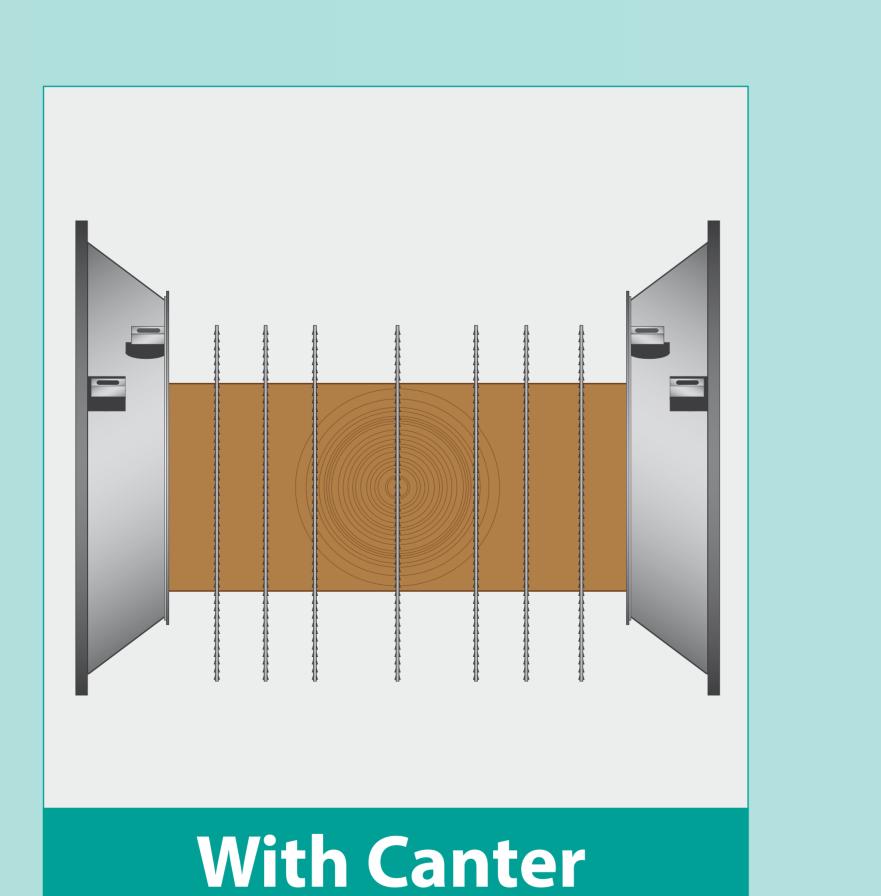


With 4 Spindles

Edger Line:



Edger Canters



2 Multiple Rip Saw:

- The Parallel Board Edger is equipped with alignment and optimization systems (according to the customer's needs, it's possible to customize the configurations of the Edger Line).

- Multiple Rip Saw with automatic inlet and outlet conveyors (without opera-

Once the Edging and Re-Sawing stages are done, then the products pass to the trimmer where they are cut in specific lengths.

Capacity:

As an indication, this kind of sawmill is able to saw up 400m³/day. This capacity can be increased by integrating other machine/line.



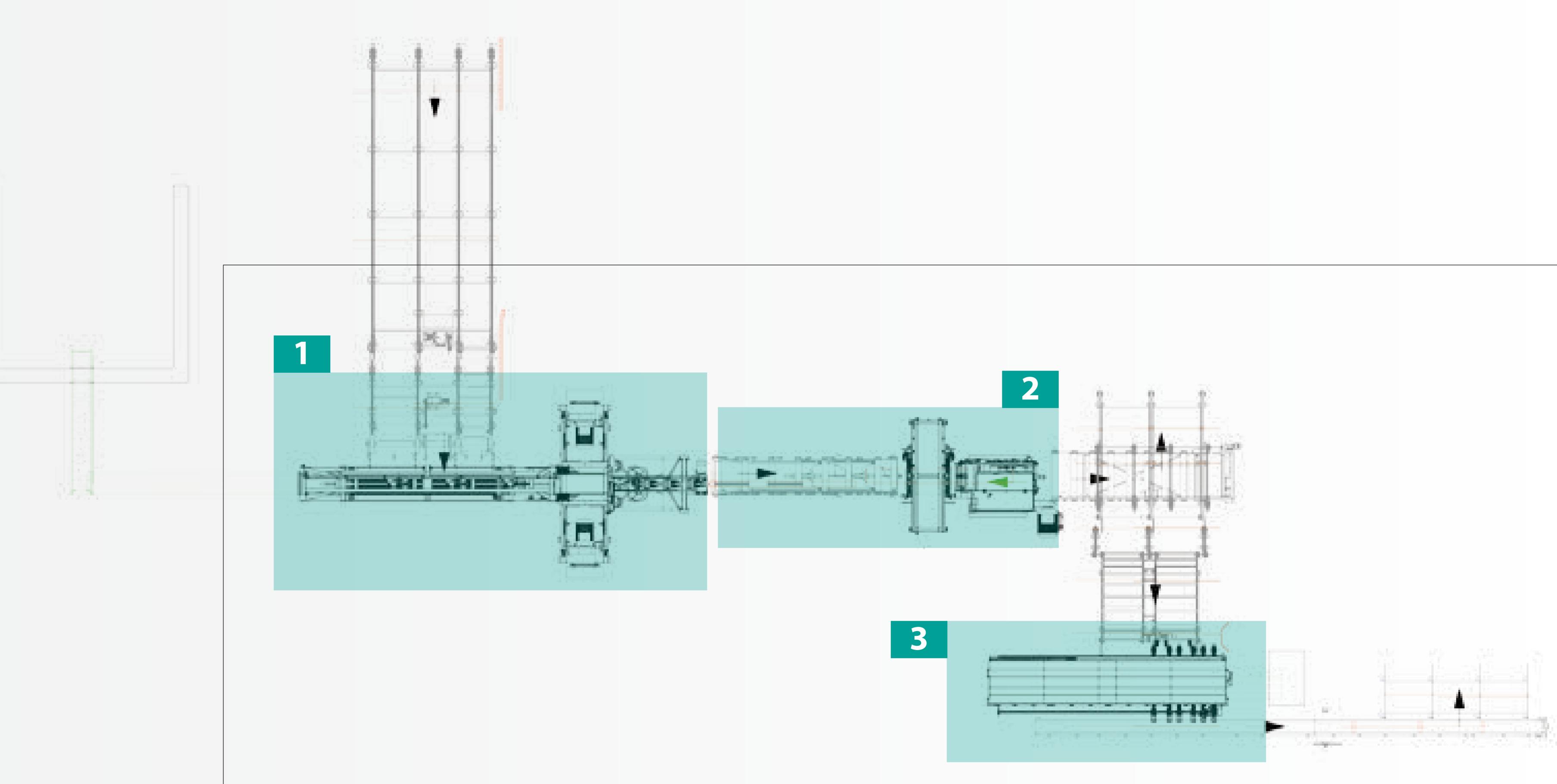




Prisma Machine:

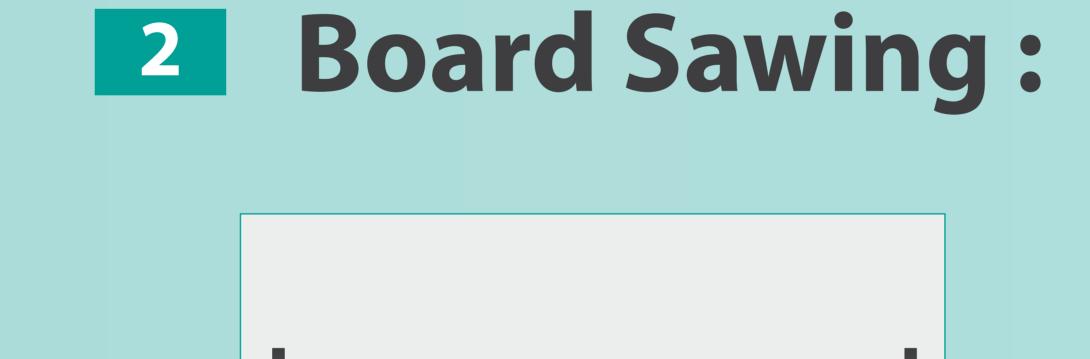
- 4 moveable up and down spindles.
- Inlet conveyor with hydraulic/pneumatic system upper clamps.
- Slab and Timber receiving conveyor with hydraulic/pneumatic side clips.
- Diameter up to 400 mm.
- The sawing forces are divided equally on the 4 saw spindles.
- Clawed chain conveyor system for continuous log feeding (feeding speed from 10 up to 43 m/min).
- Two slabs and 2/4/6 boards cutting possibility by using 4/8/12/16 pieces of 600mm circular saw blades. Adjustment of the inner blades with distance rings.

Example 3: Canter Technology

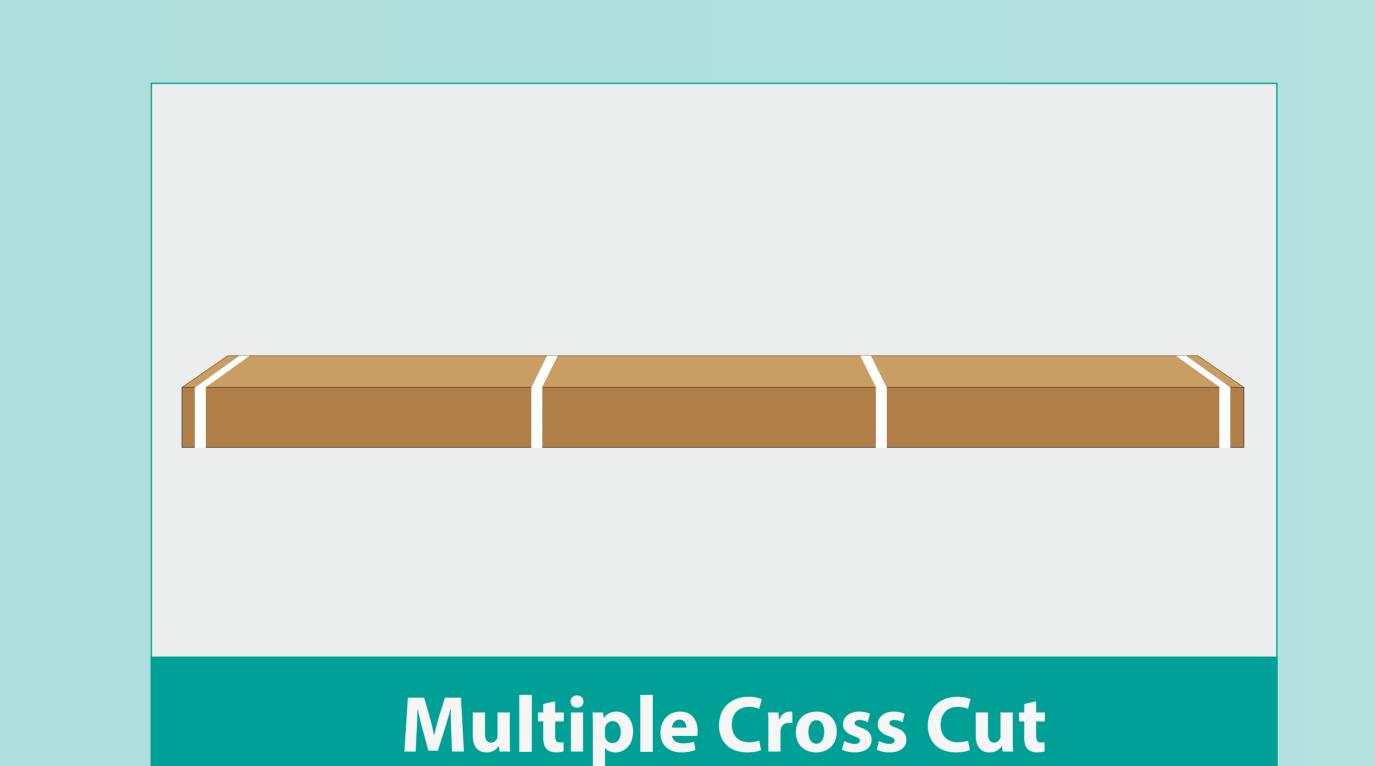


Log Sawing:

Chipping Canter







Multiple Cross Cut:

Turn-key project solutions:

Regardless of size and complexity of your projects U L has the technical means and the expertise to satisfy all your requests and complete your projects within the predetermined time, with our experience and expertise we offer:

- Pre-projects study and feasibility.
 - •Offer / Budgeting.
 - •Technical information and documentation.
 - •Drafting contracts and specifications.
 - Audit and advice.
 - Optimization and Process Improvement.

LIGNA FAIR 2019: Stand M25 Hall 25





Equipment for turn-key projects:

- Automatic Log Sorting Line with scanning system.
- Debarkers with bark conveyors (up to 1000mm log diameter).
- Metal detector.
- High capacity stacking line.
- Sharpening Manchines (for circular saw blades, Bandsaw blades and knives).
- Sawdust suction systems.
- Wood Shredders.
- Biomass fired boiler systems.



ÜSTÜNKARLI develops semi-automatic sawmills with only two operators. A semi-automated sawmill is not equipped for automation only, it is built to have the most efficient layout and allow the largest possible flow of logs and sawn timber. In order to be well adapted and functioned properly, the conveyors are incorporated into installation, so that allows self-disposal of the waste. There are many plans for automatic sawmills that can be adapted to the special conditions at each installation.

Since 1954... Expertise

...Based on Experince.