

Technical Data of main machines:

Log Carriage --

- Max. Log Diameter: 1100mm. - Min Log Diameter: 200mm. - Width of Carriage: 2150mm. - Width of Rail: 1220mm. - Max. Open of Headblocks: 1000mm. - Max. Open. of Hooks: 1000mm.

- Headblocks positioning speed: 320mm/s (500mm/s Option).

Log BandSaw Details ------

- Diameter of Wheels: 1200mm / 1400mm / 1600mm. - Width of Wheels: 140mm / 190mm / 245mm.

45kw/55kw/75kw/90kw/110kw/132kw. - Main Motor Power:

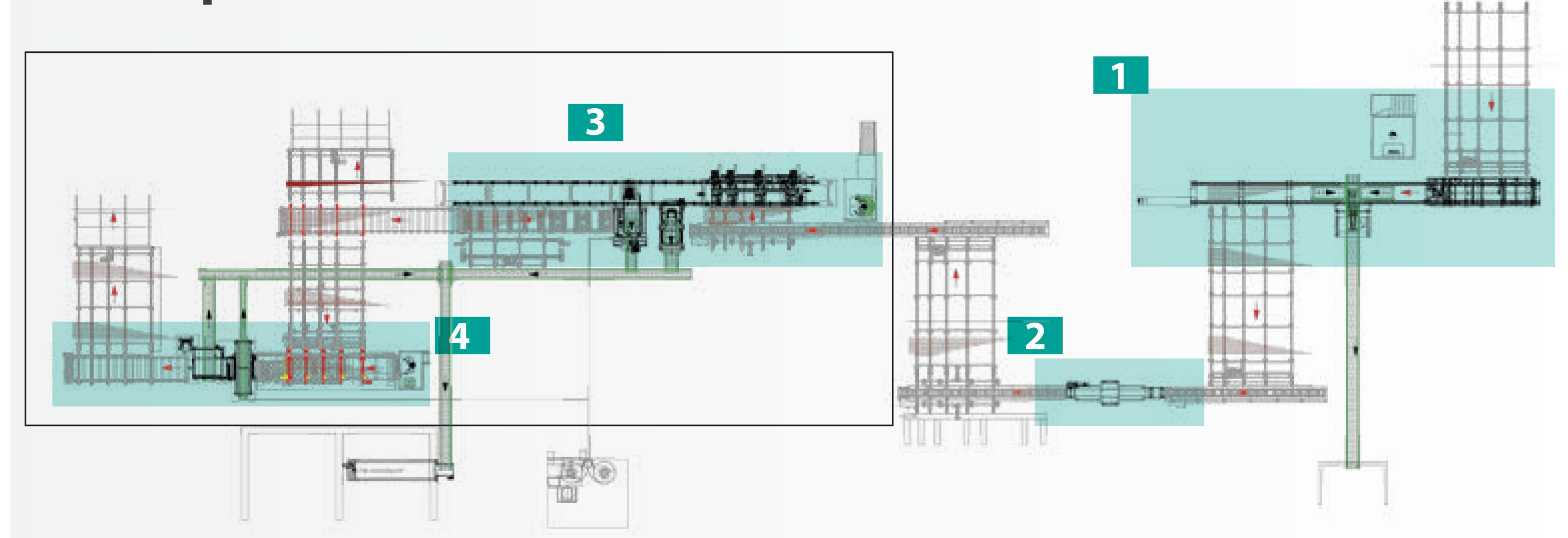
Chipping Canter Details ------

- Saw Diameter: 550mm/820mm. - Max. Chipping Depth: 150mm.

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

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

Example 1: Hardwood



2 Metal Detector: 1 Debarking:

For tapered logs, it is advisable to opt for the independent headblocks carriage model.

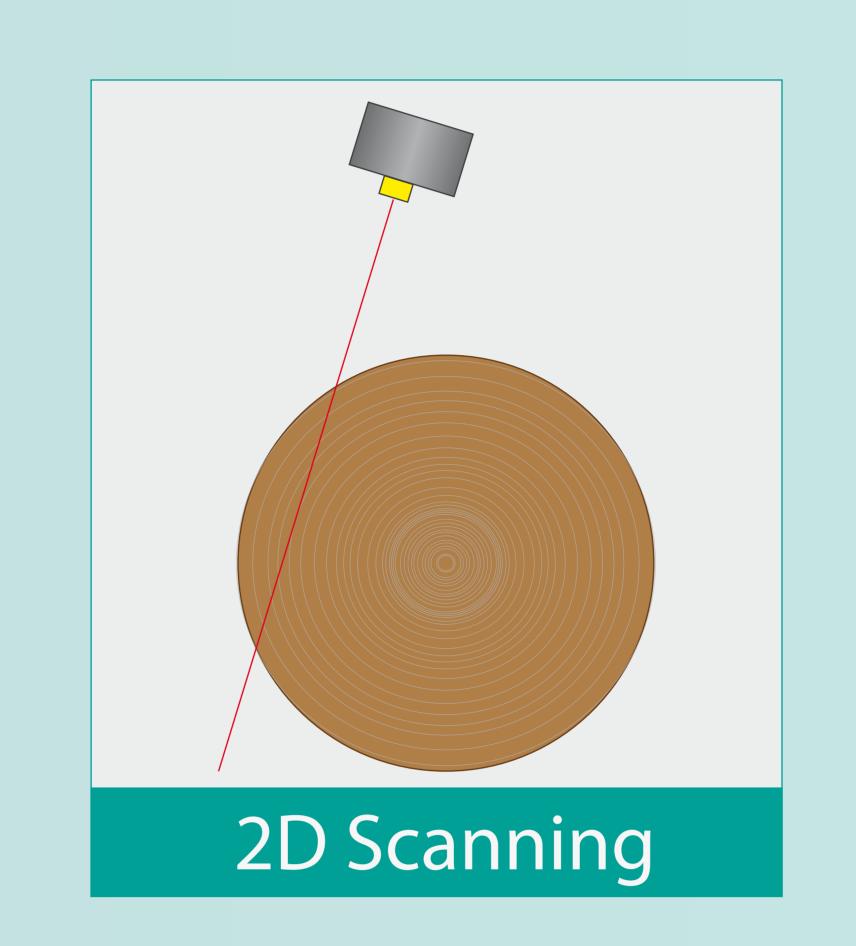
> Reliability, Heavy Duty & Performance

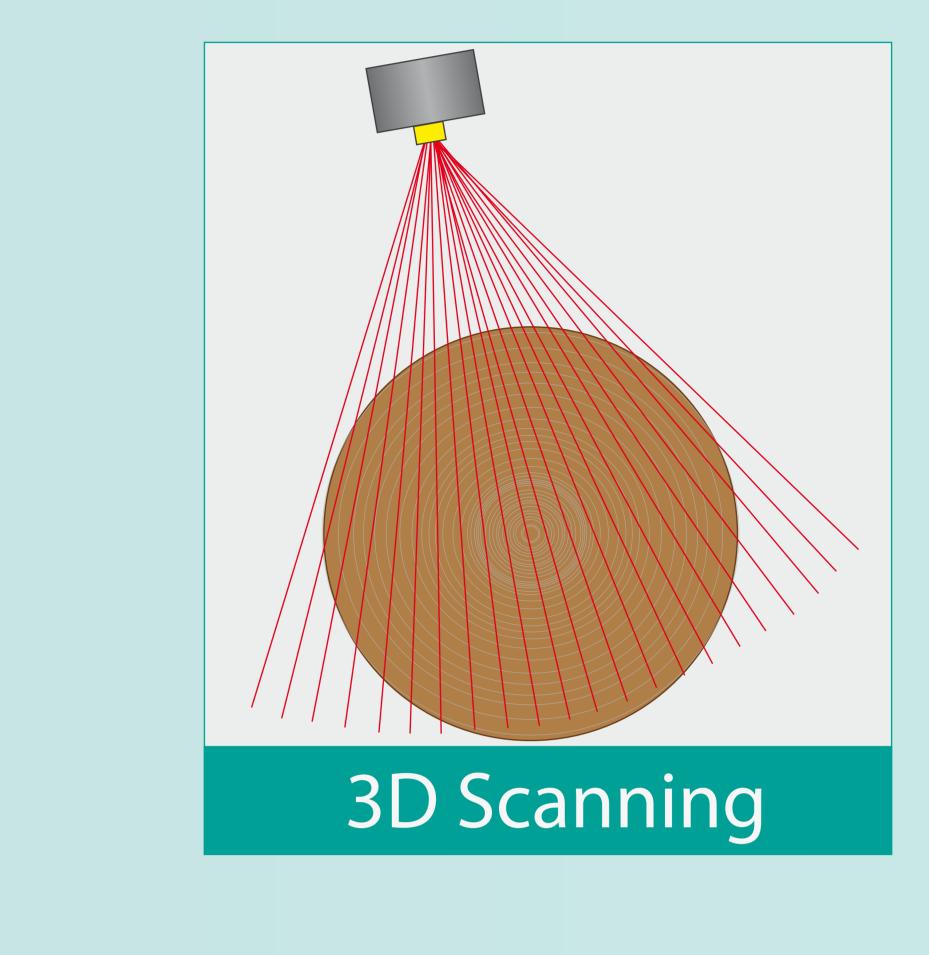
Advantage of independent headblocks with optimization system (Optional):

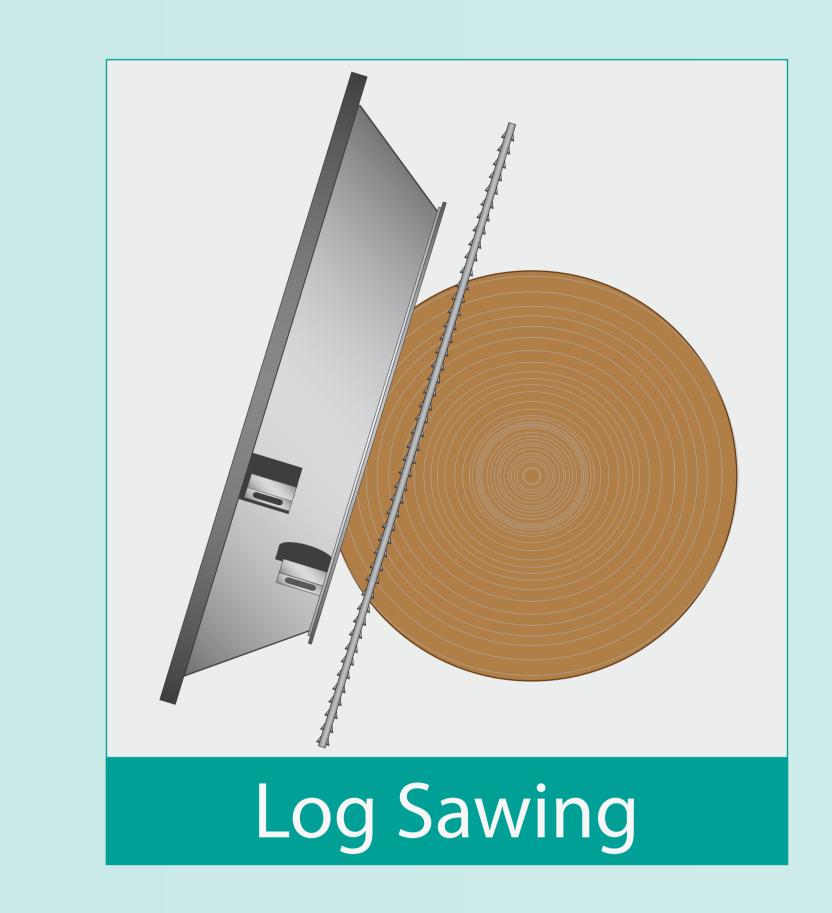
Stand M25 Hall 25

- Automatic alignment and optimization during the first pass.
- Positioning accuracy which increases yield and productivity.
- Training of a new operator is very fast.
- Production reporting.

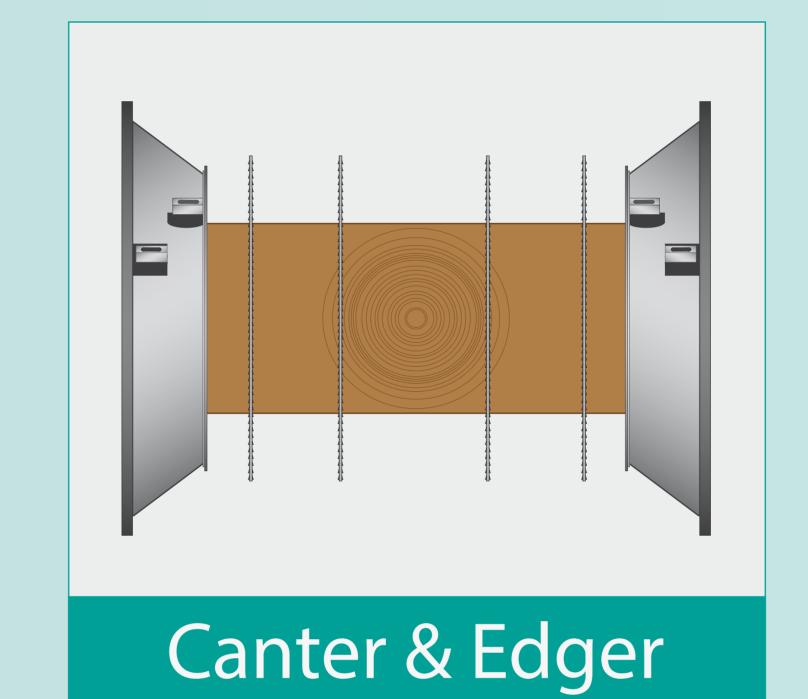
Log Sawing:







Edger Line:

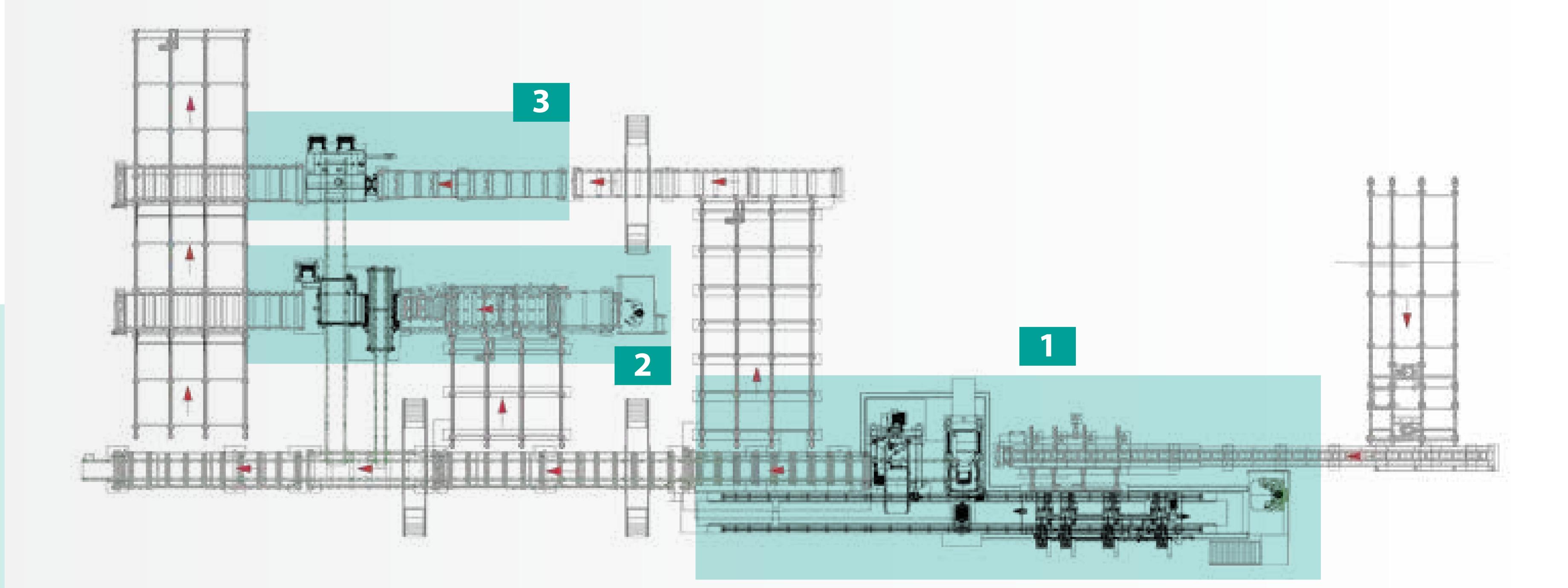


- The Edger Lines are provided in multiple versions / capacities, in accordance with the specific needs of the customer.
- The Edgers / Canters transform planks regardless of their humidity and hardness (Fresh/Dried - Soft/Hard).

Options:

- Blade deviation control (for Bandsaw machines). - Remote connection with all equipments (Manchines and Conveyors).
- Automated sawing sequence.

Example 2: Softwood



Advantage of the second axis (Chipping Canter):

- Deleting the management of the slabs, this part is often difficult to solve especially when the shape of logs is not good (conical).
- -Allows an increase in productivity (Canter chipping price is amortized very fast).



Eng:ozdinc@ustunkarli.com servis@ustunkarli.com www.ustunkarli.com Tr: ozdinc@ustunkarli.com service@ustunkarli.ro Ru: zamira@ustunkarli.com Fr: samir@ustunkarli.com

robert@ustunkarli.ro

** After-Sales







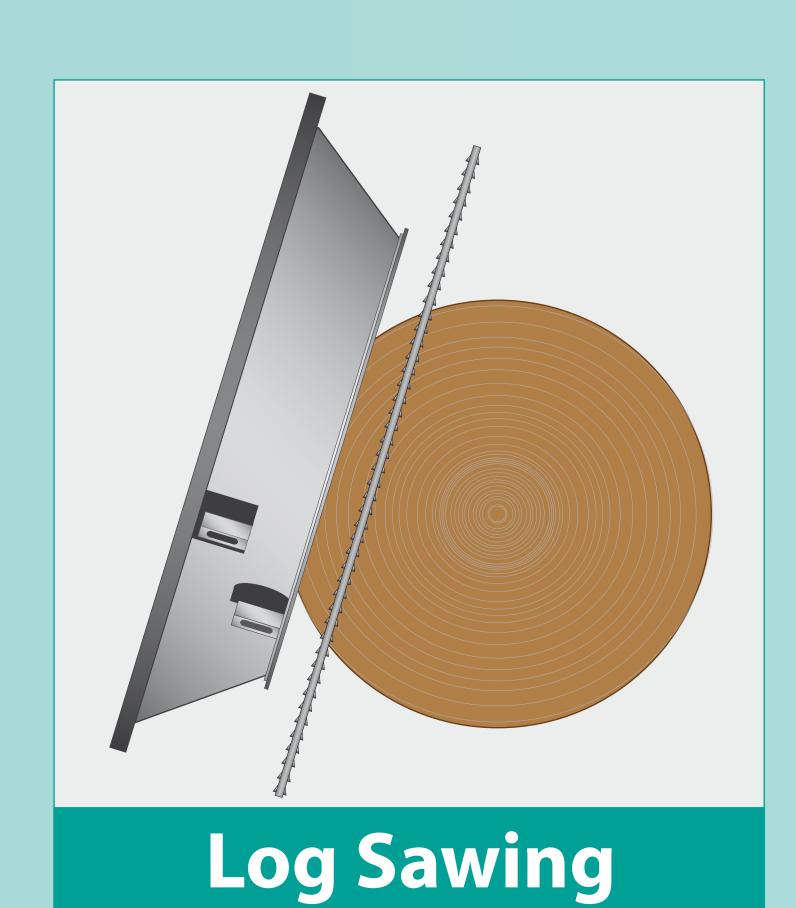
BANDSAW TECHNOLOGY



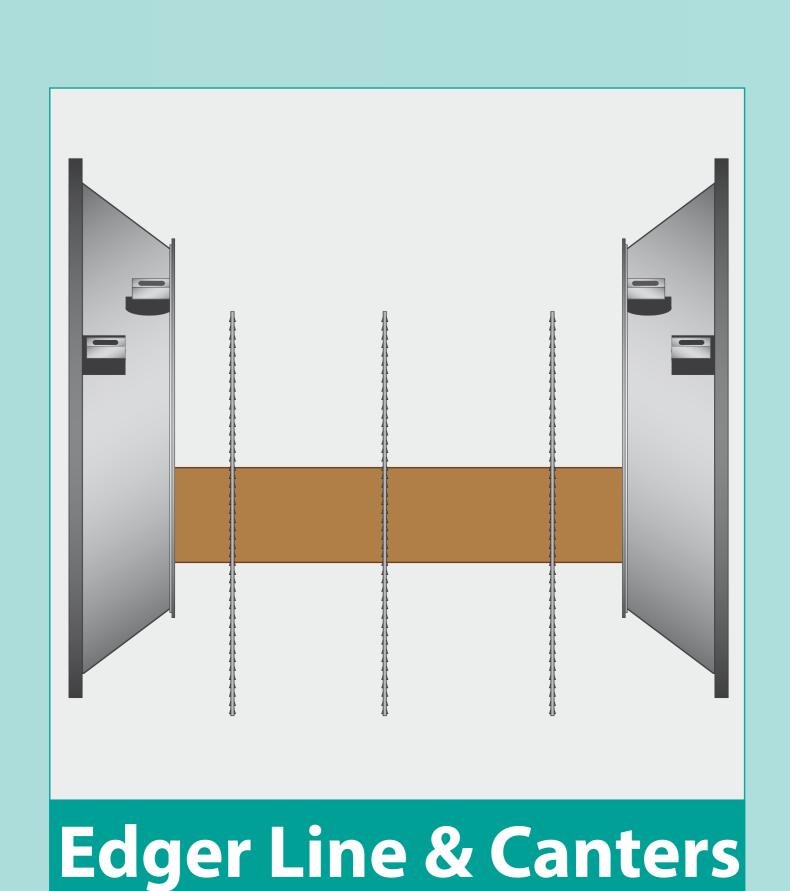
INCLINED LOG BANDSAW & CARRIAGE EDGERLINE

- This type of configuration is ideal in sawing softwood especially for a construction timber. The main machine guarantee the flexibility and high sawing speed (Carriage speed up to 160m/min - Headblocks positioning up to 500mm/s).
- The Edger Line is equipped with optimization system by using two working modes (Quality mode and Program mode).
- USTUNKARLI equipment is designed and developed to minimize customer costs by using a minimum number of operators in order to be in line with the market economic reality.

Log Sawing:



Edger Line:

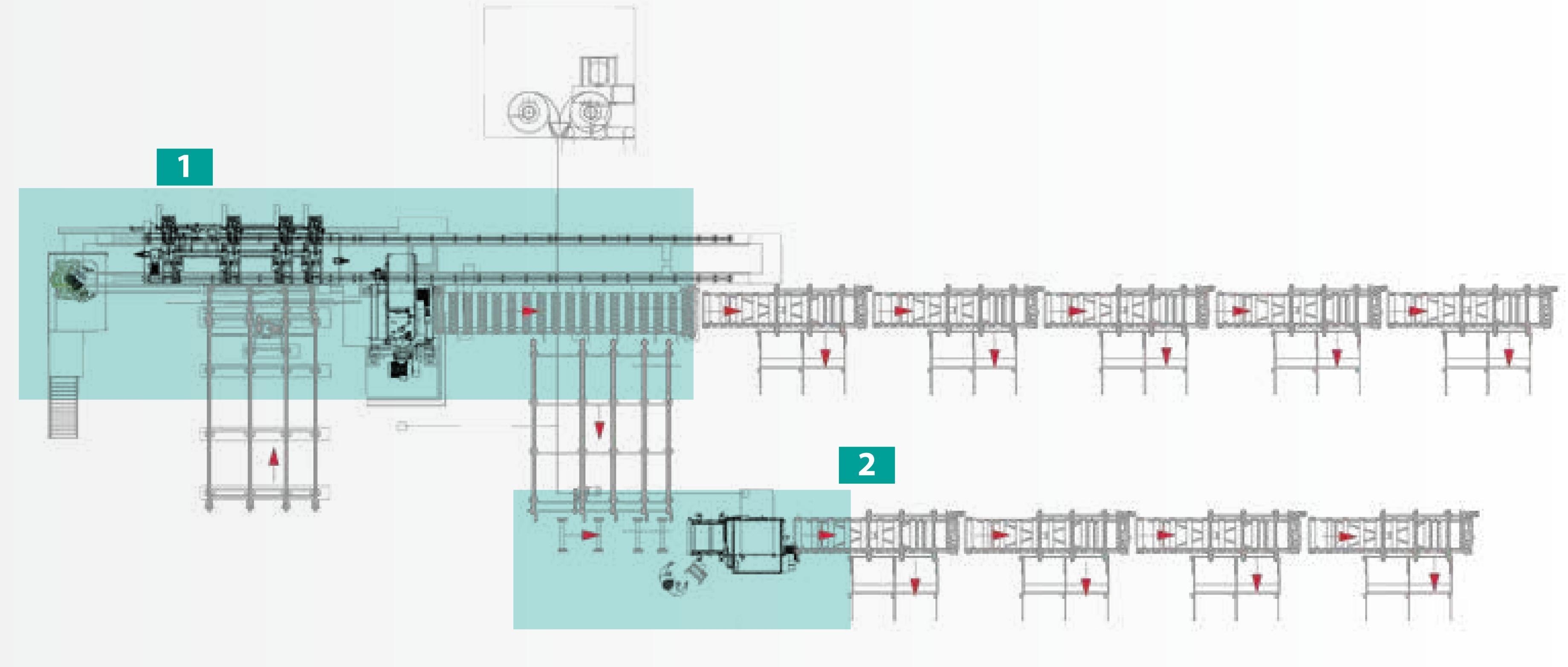


Canters Optional

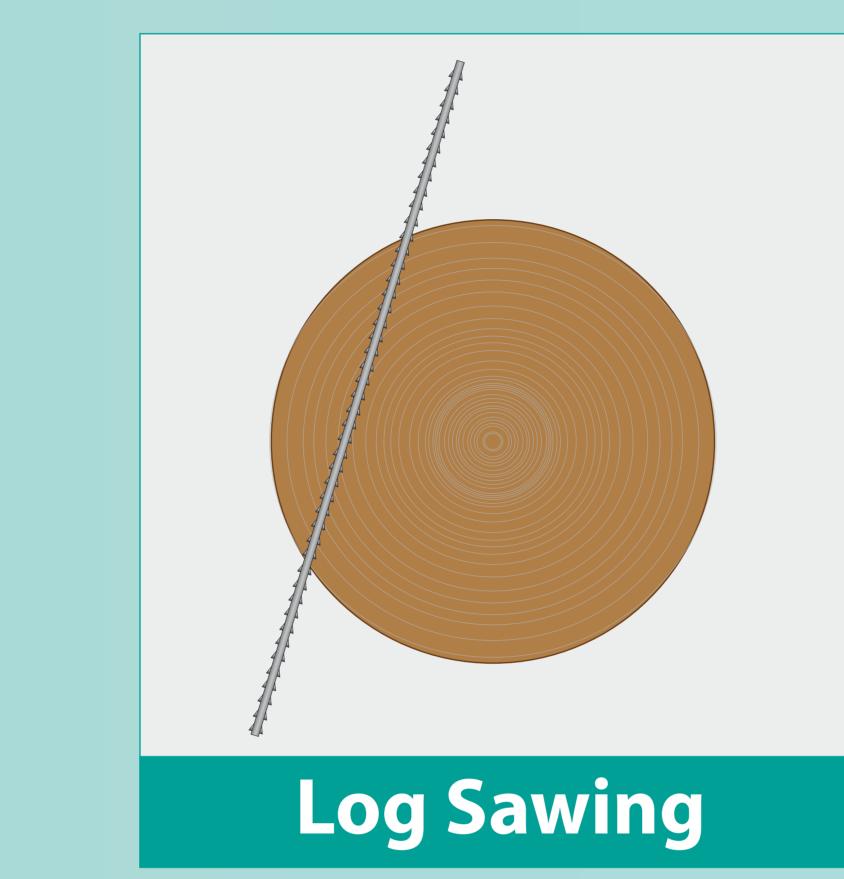
2 Multiple Rip Saw:

- In order to have the final products with specific lengths, the different configurations can incorporate a high capacity trimmer (up to 50 products/min -Trimmer configuration: from 2 blades to 8 blades).
- The stack is managed in high capacity trimming lines automatically.

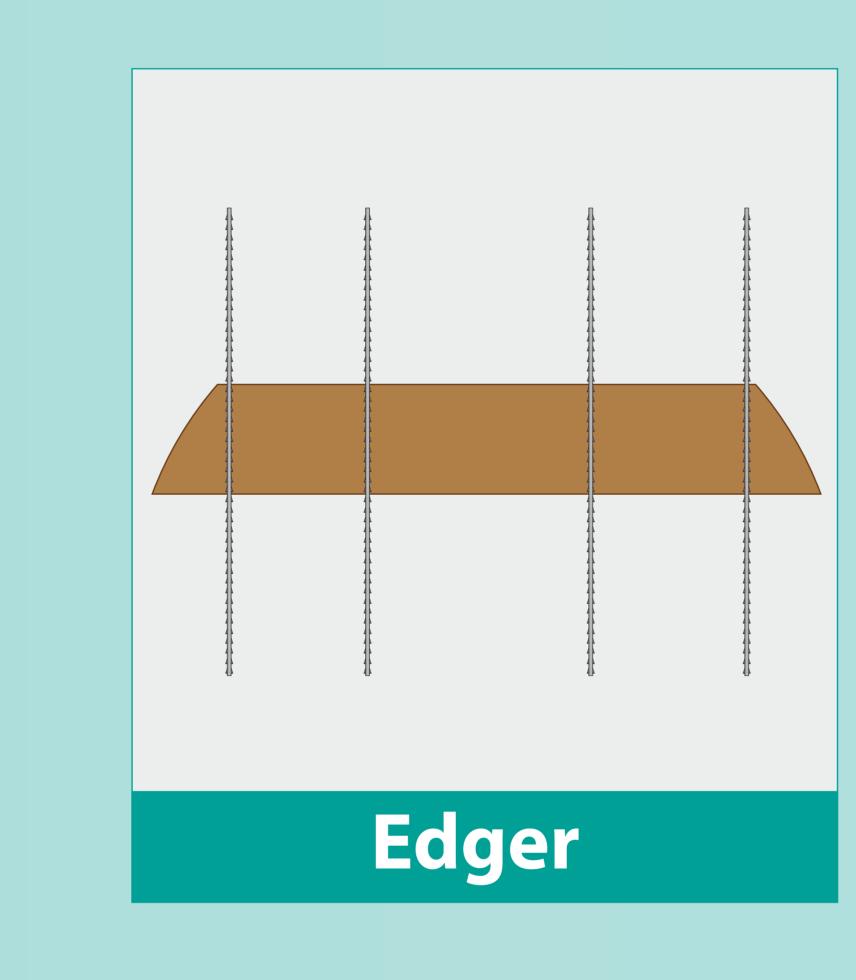
Example 3: Hardwood



Log Sawing:



Board Sawing:



- This type of configurations is ideal for sawmills with a capacity ranging from 15.000 to 20.000m³ per year, especially in markets where ancillary products such as wood chips are not highly valued (Example: Balkan market).
- The parallel board edger is equipped with touchscreen control system and slab separating device which makes it possible to avoid a full time co-worker in outfeed of the Edger (Generally, this investment is quickly profitable, after a few months).

- Compared to circular saw technology, this kind of sawmills allows a flexibility with superior performance. It is provided with a better choice for lumbermen whose goal is to enhance quality and increase the margin of products (The boards located towards the middle, on the same board are in different qualities; with knots and without knots, due to flexibility of this technology, we can separate the quality of timber).

Turn-key project solutions:

Regardless of size and complexity of your projects U 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.

sales@ustunkarli.com

info@ustunkarli.com

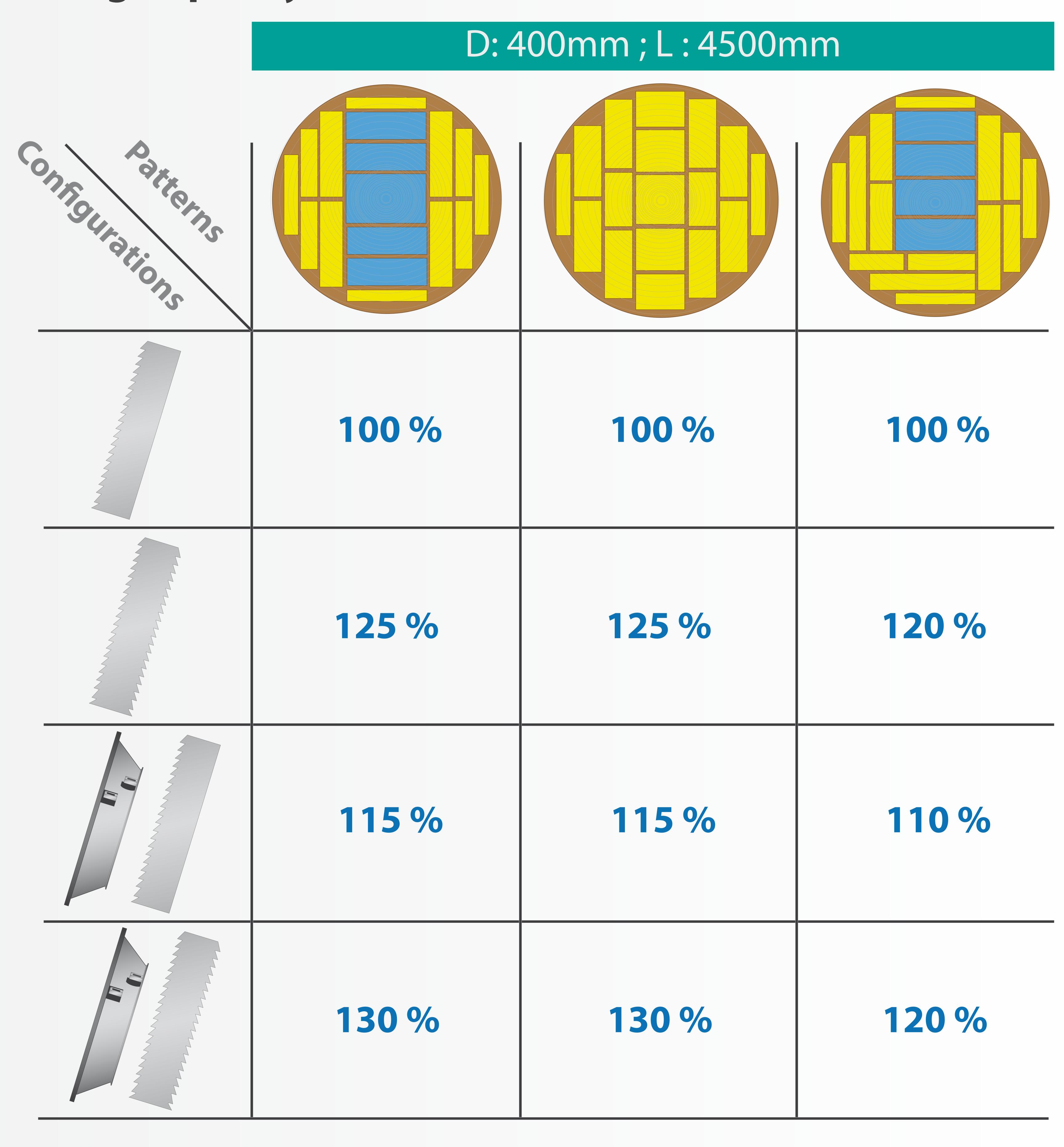
www.ustunkarli.com

LIGNA FAIR 2019: Stand M25 Hall 25

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.



Sawing Capacity and Performance:



Since 1954... Expertise

...Based on Experince.