



**PRODUCT  
RANGE**

***Brødbæk & Co.***



## Log Handling

Brødbæk & Co. produces highly automated log sorting lines.

Scanning in 3D and bin selection according to cutting patterns is used.

High capacity cross-cutting line for long poles can be added.

Also machinery for butt-reduction and debarking can be integrated.



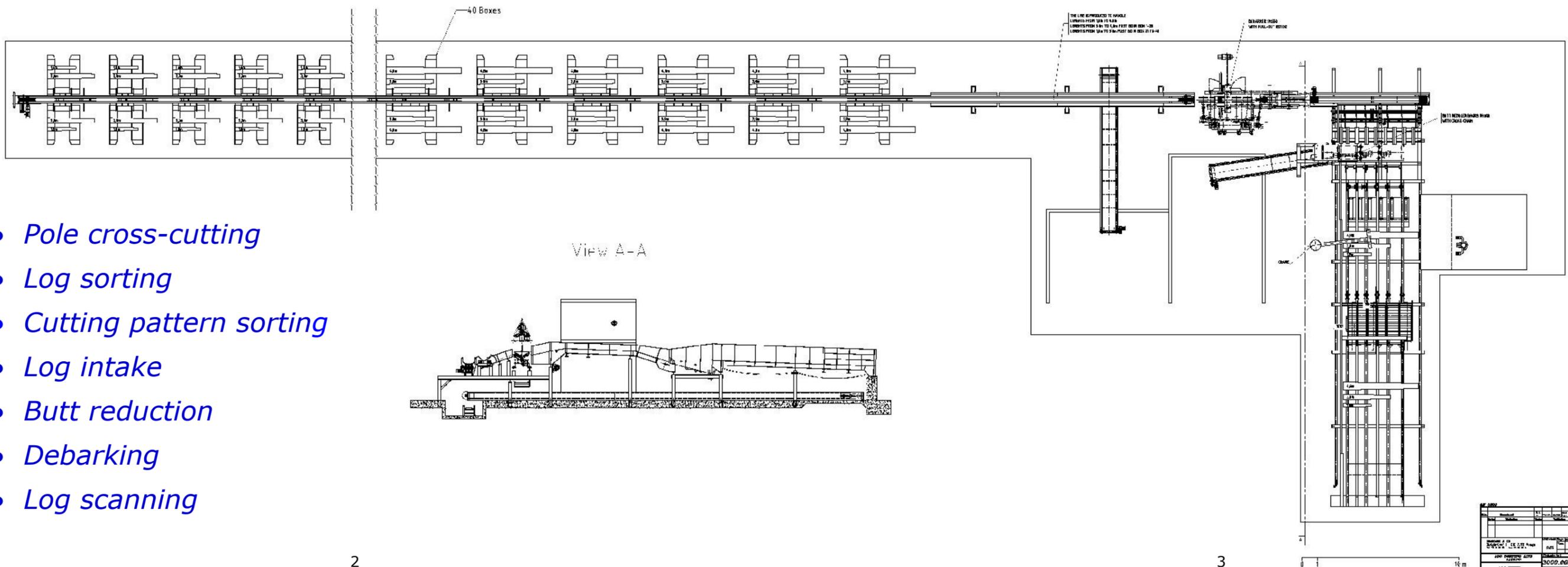
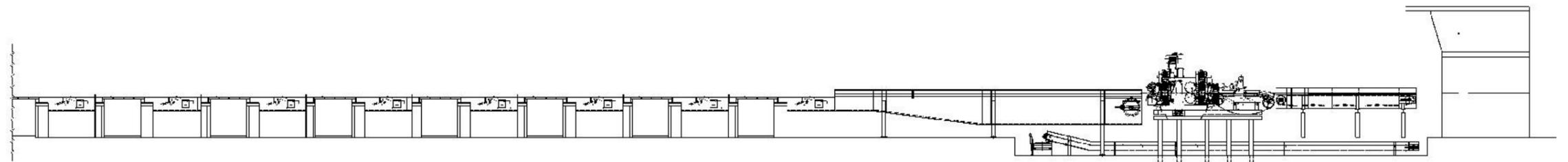
High capacity cross-cutting line for long poles



Butt reducing line



Log sorting line with bins for debarked logs



- Pole cross-cutting
- Log sorting
- Cutting pattern sorting
- Log intake
- Butt reduction
- Debarking
- Log scanning

## Sawmill Lines

Brødbæk & Co. has developed several concepts:

The **Pallet Sawmill** is specifically designed for the sawing of short and poor quality logs into shorter board lengths for the packaging industry.

The **Fencing Sawmill** is specialized in achieving the highest yield from short and poor quality logs for the fencing industry.

The **Flexible Sawmill** is a universal line for flexible sawing of logs to boards and timber with a variety of dimensions.

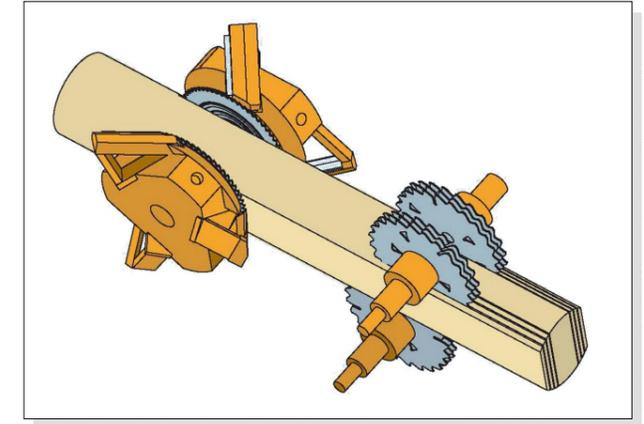
**High capacity lines** are designed for sawing sorted logs in large series of the same dimensions.

**Profiling lines** give maximum throughput.

- *Pallet Sawmills*
- *Fencing Sawmills*
- *Flexible Sawmills*
- *High capacity lines*
- *Profiling lines*



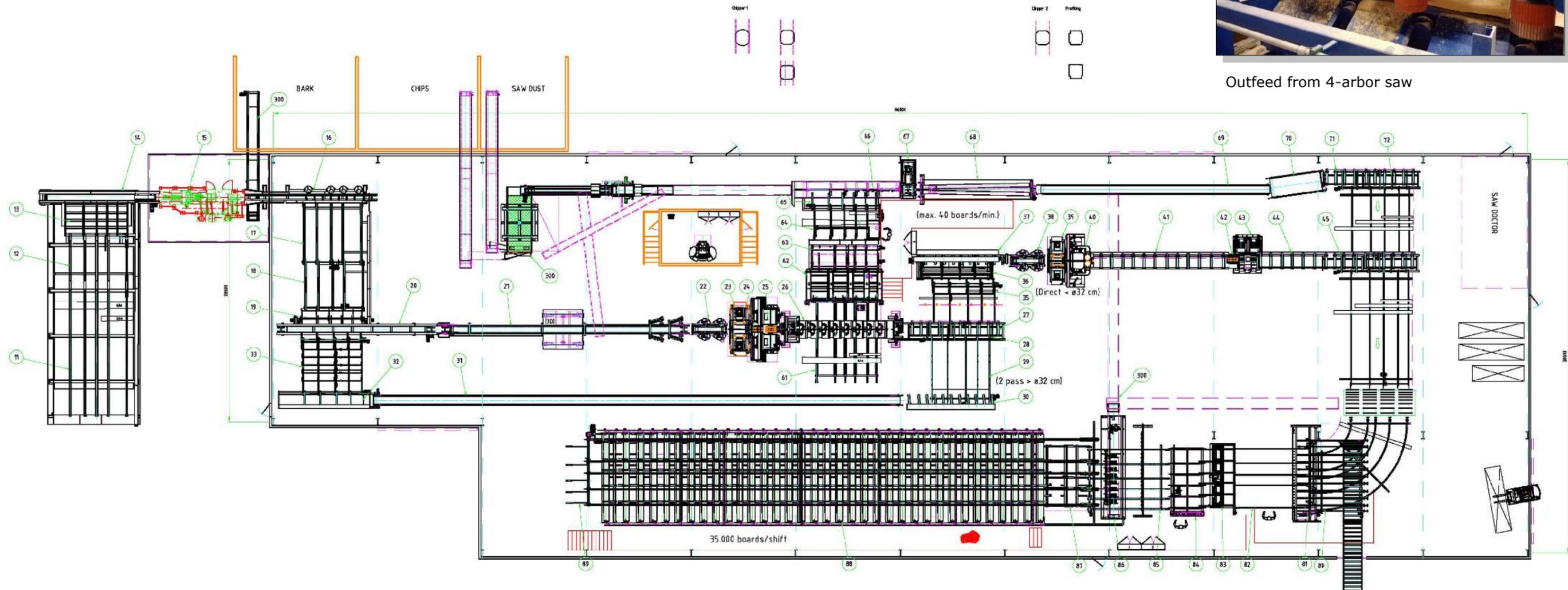
Log intake with debarker



3D illustration showing BCO Chipper Canter & BCO 4-arbor saw in operation



Outfeed from 4-arbor saw



## Edging Lines

Brødbæk & Co. edging lines can be supplied in several versions/ capacities depending on customer's requirements.

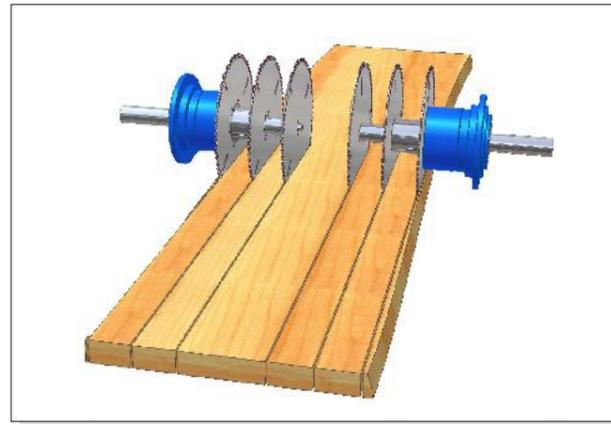
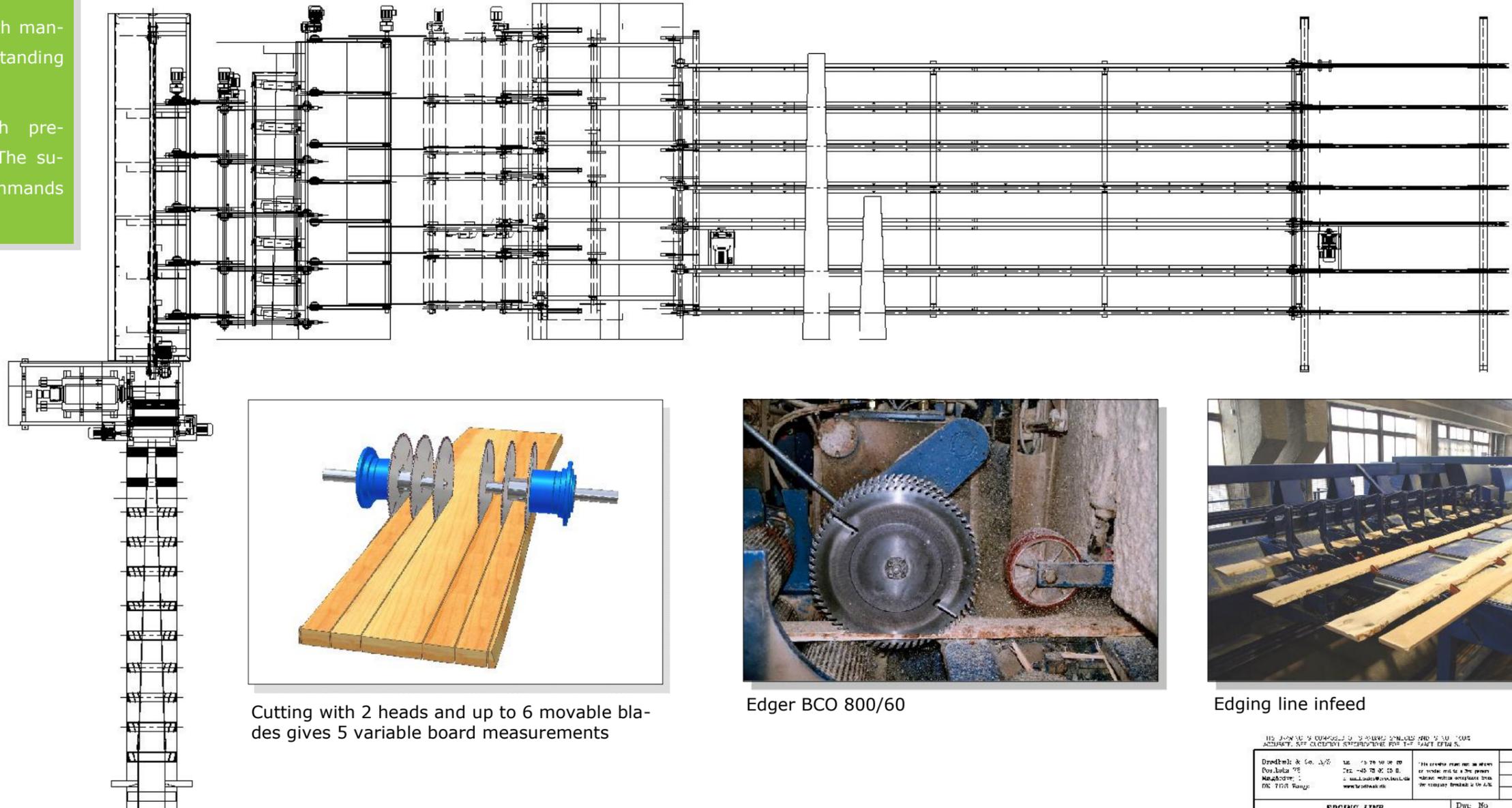
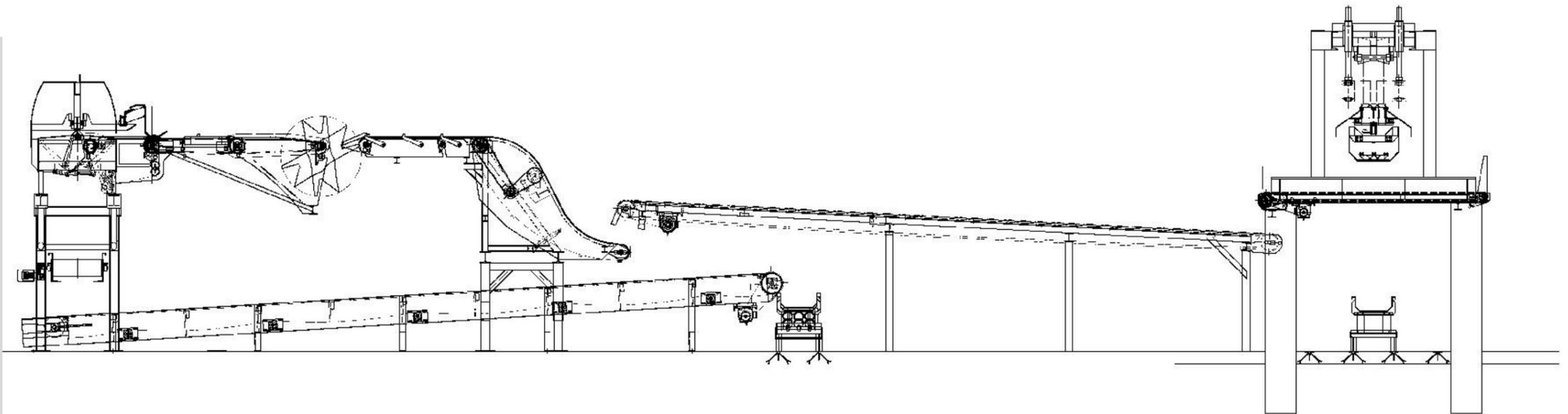
The lines are processing boards freshly sawn.

The core element of the edging lines is the BCO 800/- series saw with up to 6 individually adjustable saw blades and various systems for measuring and optimizing.

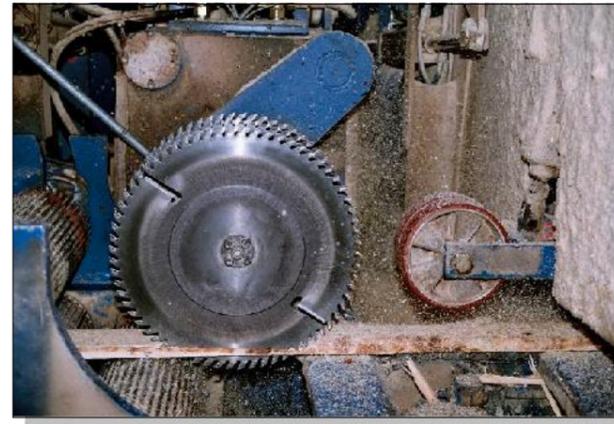
Two operating systems are used:

A semi-automatic system with manual options. The operator is standing up as a supervisor.

An automatic system with pre-programmable parameters. The supervisor sits down and commands the line remotely.



Cutting with 2 heads and up to 6 movable blades gives 5 variable board measurements



Edger BCO 800/60



Edging line infeed

<small>THIS DRAWING IS COMPOSED OF SEVERAL DIMENSIONS AND IS NOT TO BE USED AS A BASIS FOR CONSTRUCTION. FOR THE LATEST DETAILS, SEE THE DRAWING SET.</small>		Dwg. No. <b>060706 CB</b>	Brødbæk & Co. 1860
Drevholt & Co. A/S Postboks 77 4100 Slagelse DK-4100 Slagelse www.drevholt.com	Tel. +45 76 22 15 11 E-mail: info@drevholt.com	Date: <b>2006.30.203</b>	
<b>EDGING LINE</b>		Dwg. No. <b>2006.30.203</b>	
<b>LAY OUT DRAWING</b>			

## Board sorting lines

Brødbæk & Co. offers a wide range of box & tray sorting systems for various applications – from simple sorting according to length and thickness to complete 3D board measuring for length, width, thickness and edge quality sorting.

**Tray sorting** is primarily used when the raw material is sorted logs. Each sorting tray contains more than the volume of one wood pack. It is possible to have more than 10 trays in a system.

**Box sorting** is used when the raw material is unsorted logs, thus a larger number of sorting allocations is required.

The systems are equipped with J-bars or push bars leading the timber into vertical boxes with hydraulic sinking pockets.

The contents of the pockets are gently unloaded onto a chain conveyor transporting the boards towards a stacking line.

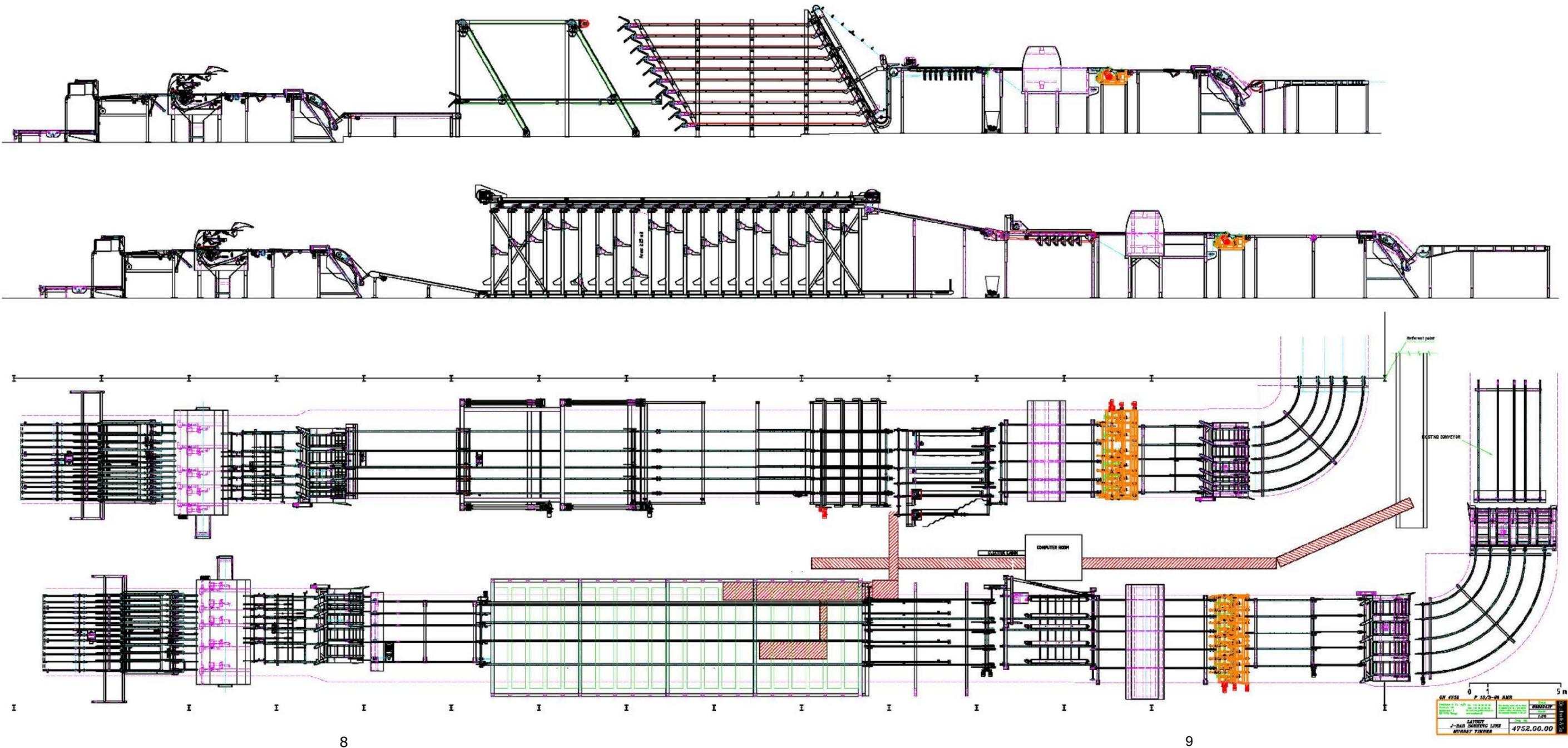
Brødbæk & Co. has supplied systems of up to 50 boxes.



Tray sorting line for short boards



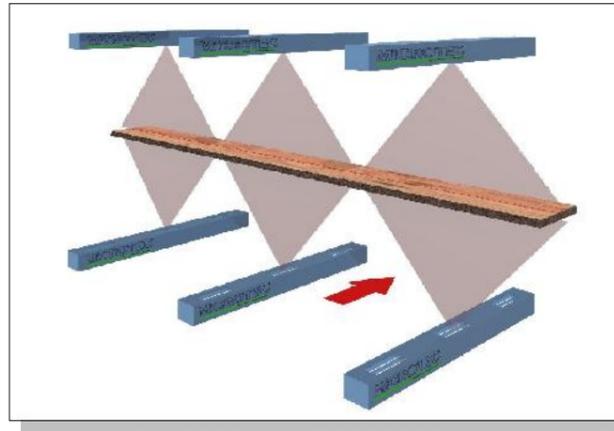
Box sorting line for boards and timber



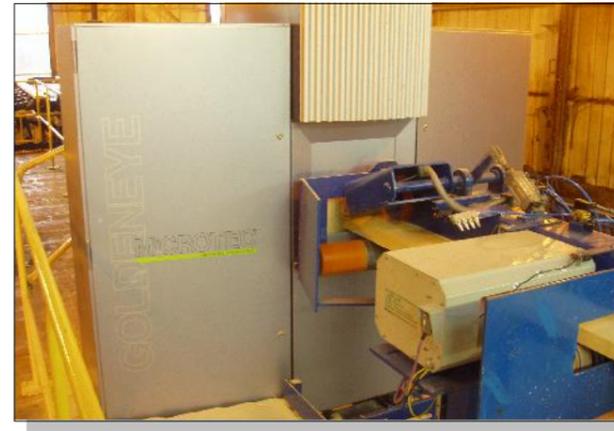




High-speed X-ray or planing infeed



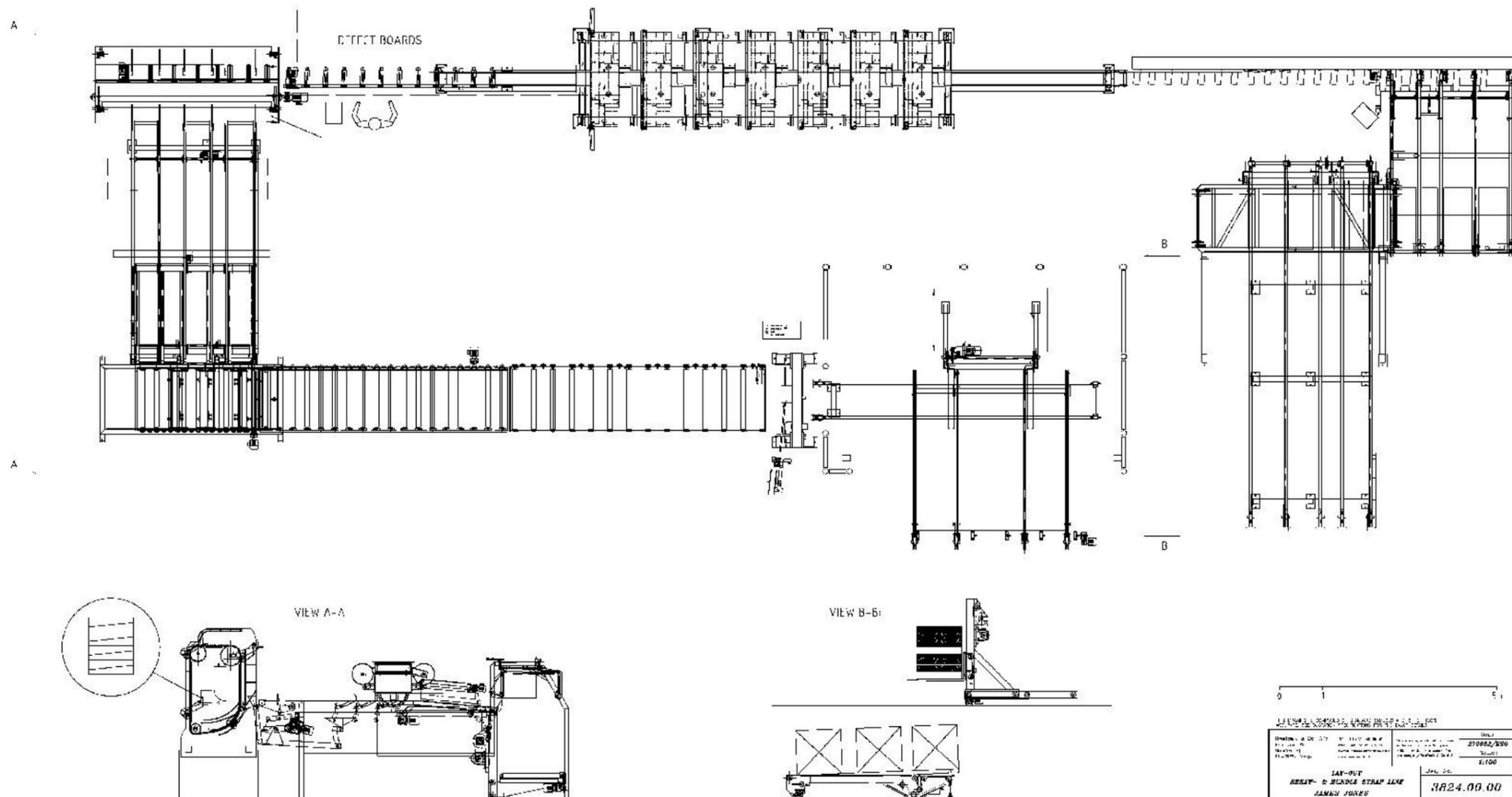
3D scanning of boards



X-ray scanning and moisture meter



Post pointing line



## Added Value

Brødbæk & Co. has supplied numerous flexible solutions for adding value to sawn timber.

### Examples of this are:

Lines for resawing timber into boards, slats and battens supplied to several customers.

Lines with X-ray scanning for strength grading/sorting boards and timber.

Lines for strapping board bundles for the "Do It Yourself"-market.

Lines for post pointing.

- *X-ray & scanning lines for strength grading*
- *Resawing lines*
- *Planing lines*
- *Bundling lines*
- *Post pointing lines*

## Complete lines for the saw-milling industry

Not two customers would have the same priority of requirements for a specific line. This is an important reason for the Brødbæk & Co. philosophy of adapting known machinery in order to design and supply a flexible and reliable customer specific solution.

Furthermore the process of adapting new equipment to existing equipment is handled by the Brødbæk project team.

As a full-line supplier, Brødbæk & Co. is well aware of the quality of the equipment for special purposes available from other suppliers. Consequently, Brødbæk takes full responsibility for complete integration of this equipment in the Brødbæk lines.

Customer supplied or existing equipment such as strappers can be fully integrated.

Brødbæk & Co. sawmill lines can be delivered all wired and tested by our technicians to reduce installation and commissioning time. Our technicians also carry out all necessary staff training.



BRUKS Butt reducer in a Brødbæk & Co. line



Valon Kone debarker in a Brødbæk & Co. line



Scanning in a Brødbæk & Co. line



Brødbæk & Co. facilities at Vonge



View of the electrical department



Brødbæk & Co. facilities at Vonge



View of one of the production facilities

## Brødbæk & Co.

The company was founded in 1984 by Kaj Brødbæk.

It is our goal to develop, produce and sell customized machinery and plants as complete solutions to the sawmilling industry worldwide.

To secure a simple and sturdy construction of the equipment we apply the latest technology.

Brødbæk & Co. employs approx. 65 highly skilled technicians at our facilities at Vonge.

As we give high priority to have all necessary know-how at our disposal we have our own design department staffed by engineers and technicians.

Further we design, build and programme all controls for the plants in our well equipped electrical department.

All lines can be installed and commissioned by our technicians who also carry out staff training.

Our target group is primarily softwood sawmills.

Since 2004 Brødbæk & Co. is part of the Ob-el-P Group developing, producing & selling hi-tech solutions to the timber industry worldwide.

## Sales organisation

Sales are organized through Brødbæk & Co.'s worldwide net of representatives.

Our representatives are located on the following markets:

- **Belgium**
- **Chile**
- **Estonia**
- **Finland**
- **France**
- **Germany**
- **Great Britain**
- **Norway**
- **Poland**
- **Portugal**
- **Russia**
- **Spain**
- **Sweden**
- **South Africa**

The representatives make the first contact with a new customer. Project requirements are specified and the sales- and technical staff from Brødbæk & Co. are contacted for involvement.

Quotations for the projects are made and presented, and often a visit is arranged together with the customer to a sawmill operating with the Brødbæk & Co. equipment in question.

Brødbæk & Co. is a frequent exhibitor on the leading exhibitions in several countries – among them always LIGNA in Germany.

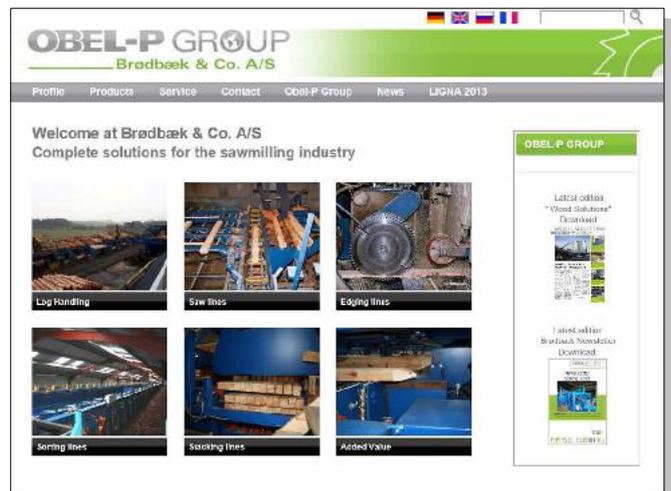
Two times a year we publish a Newsletter with articles on new developments, case stories from the lines implemented worldwide as well as on presentations of new videos and other news.



Bundle strapper integrated in stacking line



Integrated strapper for finished packs



[www.brodbaek.dk](http://www.brodbaek.dk)

Brødbæk & Co. A/S  
Mølgårdvej 1  
DK-7173 Vonge  
Denmark

☎ : +45 7580 3599  
Fax : +45 7580 3581  
E-mail : [sales@brodbaek.dk](mailto:sales@brodbaek.dk)  
Website : [www.brodbaek.dk](http://www.brodbaek.dk)

Representative :