



***COMPLETE
SAWMILL
A. & J. Scott Ltd.
United Kingdom***



Complete sawmill for A. & J. Scott Ltd.

A. & J. Scott Ltd. is a flexible supplier on the market for pallet wood, fencing wood and car-cassing timber.

To achieve the flexibility required the sawmill line must be capable to change over quickly between productions of the different types of products.

This brochure describes the specialized solution developed for A. & J. Scott Ltd. meeting those requirements.

As an example, in the log sorting line the sorting is performed not after diameter but after cutting patterns and type of finished products required. Full consideration is given to the option of in-line cross cutting the cants directly in the sawline for further improvement of the cutting yield.

In the Brødbæk & Co. product range you will find several other flexible solutions depending on your specific requirements.

As examples we would like to mention our Pallet Sawmill (with or without profiler) as well as our Flexible Sawmill. Specific brochures are available on both concepts.

Capacity, average logs:

Log length	: 3,6 m
Diameter	: 25 cm, top end
Speed	: 80 m/min.
Log distance	: 1,0 m

Description of the sawmill

Log sorting

High capacity log sorting line with

- 3D-scanning
- butt reducer
- debarker
- 40 sorting boxes



Butt reducing logs before sorting

Log dimensions for the A. & J. Scott Ltd. sawmill:

Length	: 2.4 - 4.8 m
Diameter	: min. \varnothing 14 cm, top end
	: max. \varnothing 50 cm, butt end

Pallet logs :

Length	: 2.4 - 3.6 m
Diameter	: min. \varnothing 14 cm, top end
	: max. \varnothing 30 cm, butt end

Board dimensions :

Length	: 1.2 – 4.8 m
Width	: 75 – 200 mm
Thickness	: 12 – 60 mm
	(slivers 127X 245 mm)

Line speed	: 40 – 80 m/min.
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Part of the log sorting line – log intake for the saw line is seen to the right

Log infeed

- Log infeed with single log loader Model 5/5 with 20 strokes/min.

Sawline

- Log rotator Rotolog R 550
- Chipper canter BCO 600
- 4 arbor saw BCO 4-500 R3-L2 with 5 movable saw blades
- Merry-go-round



Big section cants in line for second pass



Main product out feed from multi rip saw BCO 1000/180

Profiler line

Profiler line with:

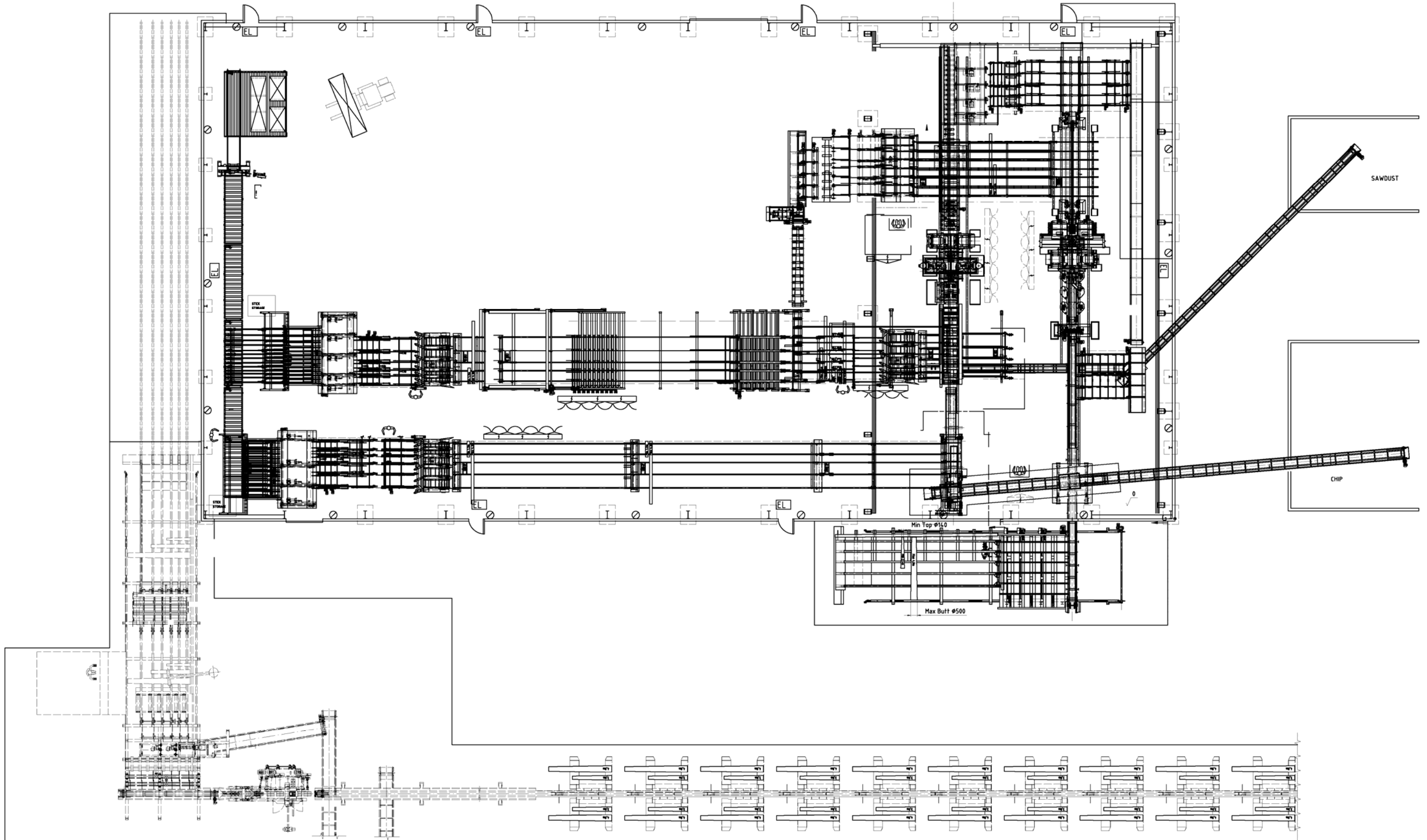
- Heavy duty multi cross-cut saw BCO 4/200 with 4 saws, all with CNC-setting
- Chipper canter BCO 500
- Profiler BCO 300
- Multi-rip saw BCO 1000/180 double arbor



3D cant scanning *Microtec DiShape*



The new profiler BCO 300



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Edging line

Edging line with:

- S-type singulator
- Board turner
- Board edger BCO 800/60
- Sit down operation



Board turner in sit down operated edging line



In feed for the edger BCO 800/60



Out feed from edger

Multi-cross cut and stacking line

For the main product:

- Multi cross-cut saw BCO 4/100 for layer cutting. 4 saw units with CNC-setting
- Stacking machine with one fair end, 12 stacking arms and fingers for brick-laying of the boards
- 9 automatic stick cassettes
- Capacity 120 boards/min.



Stacking main product sections 100 x 300 mm

Tray sorting line

For sideboards and boards from the profiler:

- Single piece feeder BCO Speed Feeder
- Dump gate
- Tray sorter with 10 trays



The BCO Speed Feeder getting a secure grip



The tray sorting line



Emptying a tray



The BCO 5/100 with the covers up

Multi-cross cut and stacking line

For sideboards and boards from the profiler:

- Multi cross-cut saw BCO 5/100 for layer cutting. 5 saw units with CNC-setting
- Stacking machine with one fair end and 13 stacking arms and fingers for brick laying of the boards
- 8 automatic stick cassettes
- Capacity 120 boards/min.

The Brødbæk & Co. sales organisation

Sales is organized through the Brødbæk & Co. worldwide net of representatives.

Our representations are located on the following markets:

- *Belarus*
- *Belgium*
- *Chile*
- *Estonia*
- *Finland*
- *France*
- *Germany*
- *Great Britain*
- *Lithuania*
- *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 project 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.

Recently the vital area of service and spare parts has been reinforced at Brødbæk & Co. One employee is handling mechanical spare parts and one is handling electrical spare parts.

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

Three times a year we publish a newsletter with articles on new developments, case stories from the lines implemented worldwide as well as on presentation of new videos, brochures and other news.

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*Enquire regarding your specific requirements –
Brødbæk & Co. will provide a specialized yet modular solution.*

Representative :