

NEWSLETTER



3D picture of the new sawmill



The new sawmill is located by UK's highest mountain Ben Nevis (1344m)

First HewSaw delivery to United Kingdom

HewSaw will deliver a SL250 3.4. sawline to **BSW Timber's Fort William** sawmill in Scotland. This is the very first HewSaw delivery to the United Kingdom and marks the beginning of a partnership between UK's largest sawmilling company BSW Timber and HewSaw. BSW Timber has six sawmills in UK and one in Latvia, servicing the construction, fencing, pallet, DIY and garden product market sectors.

The delivery forms a major part of the company's £50million investment programme over a five year period ending in 2015. The expansion plans in the Fort William mill began three years ago, creating around 45 new jobs at the sawmill.

Since 2008, the site has benefited from 10 new kilns and a battery of pressure treatment vessels. Current projects nearing completion include two 5MW KIV biomass kiln heating plants and a high speed planing and grading line.

BSW have now purchased the sawmilling machinery from **Finnforest's** Kyröskoski sawmill, which was shut down last year. The log yard and mill infeed will be moved from Kyröskoski to Fort William, to join the new HewSaw SL250 3.4 sawline. The new sawmill capacity will initially be 250,000m³ sawn timber per year.

The local raw material is Sitka spruce which grows well in the local weather conditions. The HewSaw sawing line saws with the controlled curve-sawing feature, making it ideal to process small diameter thinning logs as well as the larger logs grown locally.

HewSaw sawing lines provide high uptime which has been further improved by easy and ergonomic servicing. This new line now has saw service openings on both sides which makes the maintenance even

more quick and easy. Together with BSW, HewSaw has made a 3-year service agreement which again will assist achieving and maintaining the high uptime goals.

The sawing process of the HewSaw SL250 3.4:

- The True Shape-laser scanning of each log is processed through a computer with an optimization program to locate the log's vertical and horizontal centre lines as well as the orientation of the logs. The program then automatically controls the HewSaw Log-In 2R into the log's optimal sawing position and feeds them to the Chipper Canter.
- After the log is processed to a cant it is then 3D profile scanned in the cant measuring conveyor for sideboard optimising. The SL250 Cant-Saw saws and edges up to two side boards from each side based on the optimised decision.
- The EK2 Separator Conveyor precisely separates the boards and distributes them to a conveyor below. The cant is then turned 90 degrees with the smooth HewSaw Cant turner.
- The Rip-Saw curve saws the cant into centre pieces as well as edges up to two optimized sideboards on each side providing high recovery solutions.
- The HewSaw NS250 Crosscut saw machine saws the centre-piece stack by horizontal cutting it into smaller dimensions, depending on the requirements of the final customer.

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Swedspan Polska will soon saw efficiently with HewSaw R200

HewSaw has delivered a R200 Saw Machine to **Swedspan Polska** in Orla, Poland. The installation is nearing completion; first test logs were sawn on 3rd December. Final commissioning will take place in early January. **Swedspan** is an international producer of wood-based boards and part of the **IKEA Group** of companies. Swedspan's production plants located in Lithuania, Slovakia and France currently manage a total capacity of 2 million m³ of wood-based boards, 14 million m² of laminated boards, and 6 million m² of melamine-faced boards.

This 140M EUR investment made by the company in Orla, comprises of one of the most innovative UT-HDF (Ultra-Thin High Density Fibreboard) and value added production (cutting to size and foiling) plants in the world. Preparatory groundwork commenced on June 4, 2011. The time-line of this green field project is extremely ambitious. The sawmill infrastructure is scheduled to be complete by the end of 2011 so that the equipment can be installed and tested in January and full-scale production be launched in the first quarter of 2012.

The timber produced in Swedspan's sawmill in the Orla municipality will be sold to furniture producers co-operating with IKEA and other companies present on the Polish market. The sawmill will be able to produce 60,000 m³ and sort-out 350,000 m³ of wood annually.

Swedspan's sawmill, which is constructed in the Orla community, will incorporate one of the most modern and innovative solutions for handling and processing wood to date in Poland. Due to advanced technology, suitable saw logs will be selected from pulpwood in order to generate higher value. The main log sorting line will enable processing of very small logs at high speed (120 metres per minute). It will be possible to saw logs from 12 to 35 cm. The average diameter is calculated to be approximately 16 cm. Sorted logs are processed by the HewSaw R200 at up to 120 m/min. Sawn timber will be automatically sorted after sawing in a 20 bin combi-sorting plant. Swedspan plans that all sawn timber will be dried in special drying chambers. All by-products of the sawing process will be used in other production processes on site. Wood chips will be delivered directly from the sawmill to the UT-HDF factory and the sawdust and bark will be directed to a biomass generator, which will ensure all the plant's heat energy needs and as much as 15%-20% of the plant's electrical energy requirements.

The Swedspan Polska HewSaw R200 adds to the growing number of sawmills worldwide choosing HewSaw as a partner due to the simplicity, efficiency and multi-process operation of the HewSaw machinery.



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HewSaw Projects and Deliveries 2011–2012

BSW Sawmills Ltd.
BSW Timber
Fort William, UK
 HewSaw SL250 3.4
 • 10-55 cm logs
 • 60-180 m/min

LDKI
Lesosibirsk, Russia
HewSaw SL250 TRIO
 • 10-55 cm logs
 • 50-150 m/min
HewSaw Log-In +
HewSaw R200 SE + NS
 • 10-35 cm logs
 • 50-120 m/min

Dongwha Timbers Pty Ltd.
Bombala, Australia
 HewSaw SL250 TRIO
 • 10-55 cm logs
 • 60-150 m/min

Swedspan Polska Sp z.o.o
Orla, Poland
 HewSaw R200
 • 8-35 cm logs
 • 60-120 m/min

Kurekss SIA
Ventspils Rajons, Latvia
 HewSaw SL250 DUO
 • 10-55 cm logs
 • 50-150 m/min

Vapo Timber Oy
Hankasalmi, Finland
 HewSaw SL250 TRIO
 • 10-55 cm logs
 • 60-150 m/min

Eacom Timber Corporation,
Gogama Sawmill
Ontario, Canada
 HewSaw Log-In 2R

Vaagen Fibre Canada
Midway, Canada
 HewSaw R200 MSA SE &
 Log-In 2R
 • 10-30 cm logs
 • 85-200 m/min

Saldus Mezrupnieciba AS.
Saldus, Latvia
 HewSaw R200 SE
 • 8-35 cm logs
 • 60-90 m/min

Acme Pallet Inc.
Michigan, USA
 HewSaw R200 MSA SE
 • 8-35 cm logs
 • 90 m/min

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Shows and Events 2012

8-11 February

Expobois 2012
Paris, France

27-30 March

Drema 2012
Poznan, Poland

20-25 May

North American Wood Safari
Finland and Sweden

21 – 24 August

Trä & Teknik
Gothenburg, Sweden

September 2012

Alberta Forest Products Association
Conference
Canada

2-4 October

Technibois
Quebec City, Canada

17-19 October

Timber Processing and Energy Expo
Portland, Oregon, USA

22-26 October, 2012

Lesdrevmash 2012
Moscow, Russia

31 October – 1 November

Sawtech Days
Aulanko, Finland