

HEINOLA

drying kilns



2018 edition

ENG

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drying kilns



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ACTIVITY levels remain high, particularly in projects taking place in Russia. Manufacturing is currently underway for a record number of orders, with deliveries scheduled for this year and next. We are currently working on two different sawlines: a merry go round sawline with a two-axis circular saw and optimised sideboard profiling as well as a direct sawline with the same features. These sawlines will be delivered to Russia and Japan. In addition to these, we are also delivering a sawline modernisation for Finland. A delivery contract for a third new sawline has been signed for delivery to a customer in Russia. All of these sawlines are due for delivery to the customers this year.

In terms of sorting lines, in Russia we are currently commissioning a high-capacity dry lumber sorting line and associated packaging machine. Two identical dry lumber sorting lines and packaging machines are currently awaiting delivery to Russia, alongside one green sorting and stick-stacking line for Finland. These pieces of machinery are due to be commissioned in 2019. We have received commissions, along with advance payment, for number of project engineerings already. We are confident that we will soon be receiving machinery orders for these sites too.

SUPPLY process currently underway:

- 3 HEINOLA sawlines
- 4 HEINOLA sorting lines
- 4 HEINOLA packaging machines
- 16 HEINOLA progressive kilns
- 8 HEINOLA chamber kilns
- A number of different plants are also scheduled for modernisation in Finland

EFFICIENT SOLUTIONS

with reliable
technology

SAWLINES
EDGING
LUMBER HANDLING
DRYING KILNS
CHIPPERS
AUTOMATION
HEINOLA CARE



ULK, HFB Progressive Kiln, Russia

HEINOLA Sawmill Machinery Inc. has delivered to the ULK Sawmill in the Archangel region 8 pcs of high capacity HFB 2-zone progressive kilns, four of them for drying sideboards and four for planks. The total annual capacity is approx. 400.000 m³ when drying spruce and pine timber to the final moisture of 11 %. The drying kiln building is made of wide stainless steel elements. The channels are equipped with pressure frames and the newest HEINOLA Eco Kiln Control System. Transfer of the timber loads is done automatically with rail tracks and 8.2 m wide wagons. There can be two 4.1 m wide loads side by side and three one on the other. The drying kilns were delivered in two phases during the years 2016 and 2017. The four channels of the first phase are already in production and the other four are now in start-up phase.



MOELVEN NOTNÄS AB, HCH Chamber Kilns, Sweden

HEINOLA delivered two HCH, forklift-loaded Chamber Kilns to Moelven Notnäs AB, to complement a previous delivery of two kilns of the same type. The drying kilns have a total capacity of approximately 80,000 m³ a year. The new chamber kilns are equipped with pressure frames, a HWHP humidification system, and HEINOLA Eco Kiln Control System with an integrated Quality Chamber Opti® Drying Kiln Simulator. The Kiln Control system is also linked to the 12 old chamber kilns. The new chamber kilns were commissioned in spring 2018 alongside the chamber kilns previously supplied by HEINOLA.



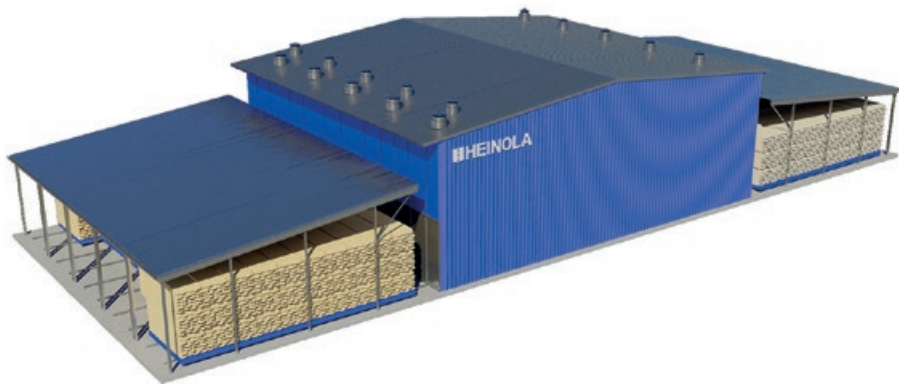
KUHMO OY, HTC Progressive Kiln, Finland

HEINOLA delivered a 2-stage, automatic, high-capacity Progressive Kiln type HTC with an annual capacity of approximately 65,000 m³ to Kuhmo Oy. The drying kiln can dry green 16–50 mm pine and spruce timber to a final moisture content of 12–18%. The new progressive kiln will be equipped with a high capacity Heat Recovery System, pressure frames, and vertical lift doors with fall protection. The new progressive kiln was commissioned in spring 2018.



STORA ENSO WOOD PRODUCTS OY LTD VARKAUS UNIT SAWMILL, drying kiln automation renewal, Finland

THIS delivery is set to include automation systems for ten progressive kilns and renewal of the associated control room automation. As part of the project, the old Selma automation and several generations of Siemens logic controllers will be replaced. In their place, HEINOLA will be installing Siemens S7-1500 logic controllers, as well as HEINOLA drying automation in the control room for the InduSoft environment. The current sensors and cabling in the progressive kiln will be retained. The automation is set to be installed and commissioned in stages during the course of June 2018.



POMOR TIMBER, drying kilns, Russia

HEINOLA is to deliver eight 2-phase, high-efficiency HFB Progressive Kilns and six HCHE Chamber Kilns to Pomor Timber in Arkhangelsk. The Drying kilns have a total annual capacity of approx. 800,000 m³ when drying spruce and pine timber. The chamber kilns are equipped with pressure frames and HEINOLA advanced Eco Kiln Control System. The timber loads are moved automatically via rails. The drying kilns will be delivered to the customer in 2019.



 **HEINOLA**

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