THE EXPERTS OF THE HEINOLA DRYING KILN TEAM HAVE HELPED DELIVER

500 drying kilns

DELIVERY TIME
6 MONTHS

ENERGY-EFFICIENT KILNS
AUTOMATED SYSTEMS WITH REMOTE CONNECTIONS
FLEXIBLE AND CUSTOMER-ORIENTED SOLUTIONS

A MAXIMUM ANNUAL DRYING KILN CAPACITY OF UP TO 80,000 M$^3$

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2016 edition
SEVEN SAWMILL GROUPS HAVE CHOSEN HEINOLA DRYING KILNS IN THE FIRST HALF OF 2016 – ADDING A TOTAL OF 31 DRYING KILN UNITS TO THE ORDER BOOK AND DRYING CAPACITY OF OVER ONE MILLION M3/ANNUM!

An ever-growing number of sawmills in the Nordic and Baltic countries and Russia have chosen HEINOLA’s drying kilns and advanced HEINOLA drying kiln automation technology, into which the Laatukamari Opti® Drying Kiln Simulator can be integrated, which optimizes transfer of the inner moisture for the pieces to be dried as well as their shrinkage and drying tensions.

In the first half of 2016 announcements of forthcoming investments in HEINOLA drying kilns were made by Finnish wood processing industry companies ER-Saha Oy, JPJ-Wood Oy, UPM Timber (Kaukas sawmill), and Keitele Timber (Kemijärvi sawmill), as well as the Swedish Karl Hedin Group (Toftan sawmill), Swedish Moelven Notnäs AB and ULK Sawmill in Arkangelsk, Russia.

According to the customers, HEINOLA’s drying kilns provide consistent high quality, the HEINOLA Eco Control System is particularly user-friendly, and HEINOLA’s drying kiln equipment and structures are of excellent quality. Furthermore, we are seen as a reliable supplier, offering good support services close to customers facilities. During 50 years of complex deliveries in sawmills HEINOLA has a unique knowledge of sawmill business. Sometimes HEINOLA delivers turnkey complete sawmills. This knowledge makes HEINOLA a very safe choice for customers.

The orders placed in the first half of 2016 comprise nine (9) fully-automated 2-stage HFB Progressive kilns and six (6) fully-automated 2-stage HTC Progressive kilns. Additionally, on the Chamber kilns front, our order book features a total of six (6) drive-through HCHD Chamber kilns with carts, six (6) drive-through HCHD Chamber kilns with roller tracks, and four (4) forklift loaded HCH Chamber kilns. All this comes to a total of 31 drying kiln units and drying capacity over one million m³ per annum ordered during the first half of the year!

Heinola Sawmill Machinery Inc. would like to thank our customers for their confidence in us; we intend to continue our long-term focus on ensuring proper drying quality.

A SWEDISH FURNITURE MANUFACTURER’S PRODUCTION PLANT IN POLAND: Two fully-automated 2-stage HFB Progressive kilns, with a combined annual capacity of approx. 80,000 m³ when drying pine timber to a final moisture content of 9%. The drying kilns are equipped with load presses, heat recovery systems, thermal and electric energy indicators, hot water spraying systems and advanced HEINOLA kiln automation system.

PRT WOOD OY, PYHÄNTÄ: two HCHE E-cart loaded chamber kilns, with a total annual capacity of approx. 15,000 m³ when drying 50 mm pine timber to a final moisture content of 18%. The chamber kilns are equipped with load presses and hot water spraying systems and advanced HEINOLA kiln automation system.

KUHMO OY, KUHMO, FINLAND: HEINOLA’s 2-stage HTC kiln with an annual capacity of 35,000 m³. The drying kiln can dry freshly sawn 16–50 mm pine and spruce timber to a final moisture content of 12–18%.

The new channel kiln is equipped with load presses, heat recovery systems, energy indicators and the new and advanced HEINOLA kiln automation system.
**THE DRYING KILN TEAM** of Heinola Sawmill Machinery has a long and extensive experience of the demanding production conditions of Nordic sawmill industry and the drying kiln solutions suitable for these conditions. Timber drying kilns have been part of the HEINOLA catalogue since 2010 and these solutions have already proven to be extremely popular.

The success of HEINOLA is based on the combination of expert project management and customer-orientated planning. With our own manufacturing plant, modern solutions, skilled staff and reliable partners, we can guarantee professional production processes, customer satisfaction and consistent service.

The story of HEINOLA began 50 years ago. We use the Team HEINOLA 50 Years of Taking Care slogan because it encapsulates our competitive and innovative solutions that assist our customers in the ever-changing market. HEINOLA takes care of its customers now and in the future. The HEINOLA Care service covers supply of spare parts and maintenance services from individual machines all the way to entire sawmill facilities.

**50 Years of Taking Care**

The orders placed in the first half of 2016 comprise nine (9) fully-automated HTC Progressive kilns, six (6) drive-through HCHD Chamber kilns with carts, six (6) drive-through HCHD Chamber kilns with roller tracks, two HCHE E-cart loaded chamber kilns, one automated 2-stage HFB Progressive kiln, and three automated 2-stage HTC Progressive kilns. Additionally, on the Chamber kilns with load presses and hot water spraying systems, energy indicators and the latest technology, into which the Laatukamari decision was integrated, which optimizes transfer drying tensions. The Opti® Drying Kiln Simulator can be used to simulate the conditions of the kiln unit and view the drying tensions in real time.

HEINOLA delivers turnkey complete solutions. Sometimes purchasing the latest innovations is not always the right decision. Experience can be a great advantage. It does not matter whether it is a new and advanced HEINOLA kiln equipment or an existing HEINOLA kiln. At HEINOLA, we have a unique knowledge of our customers facilities. During 50 years of existence, we have helped to deliver over 500 drying kilns and over one million m³ per annum ordered during the first half of the year!

The drying kiln can dry freshly sawn timber to a final moisture content of 18%. The chamber kilns are equipped with load presses and hot water spraying systems and advanced HEINOLA kiln automation system. The new channel kiln is equipped to continue our long-term focus on their confidence in us; we intend to continue to offer good support services close to their facilities. During 50 years of existence, we have delivered over 500 drying kilns and over one million m³ per annum ordered during the first half of the year!

**INSTALLATION SITES OF HEINOLA DRYING KILNS IN 2016**

- **ER-SAHA OY, VIITASAARI, FINLAND**
  - Six drive-through HCHD Chamber kilns

- **JPJ WOOD OY, KORKEAKOSKI, FINLAND**
  - One automated 2-stage HFB Progressive kiln

- **UPM KAUKAS SAWMILL, LAPPEENRANTA, FINLAND**
  - Three automated 2-stage HTC Progressive kilns

- **KEITELE TIMBER OY, KEMIJÄRVI SAWMILL, FINLAND**
  - Three automated 2-stage HTC Progressive kilns

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