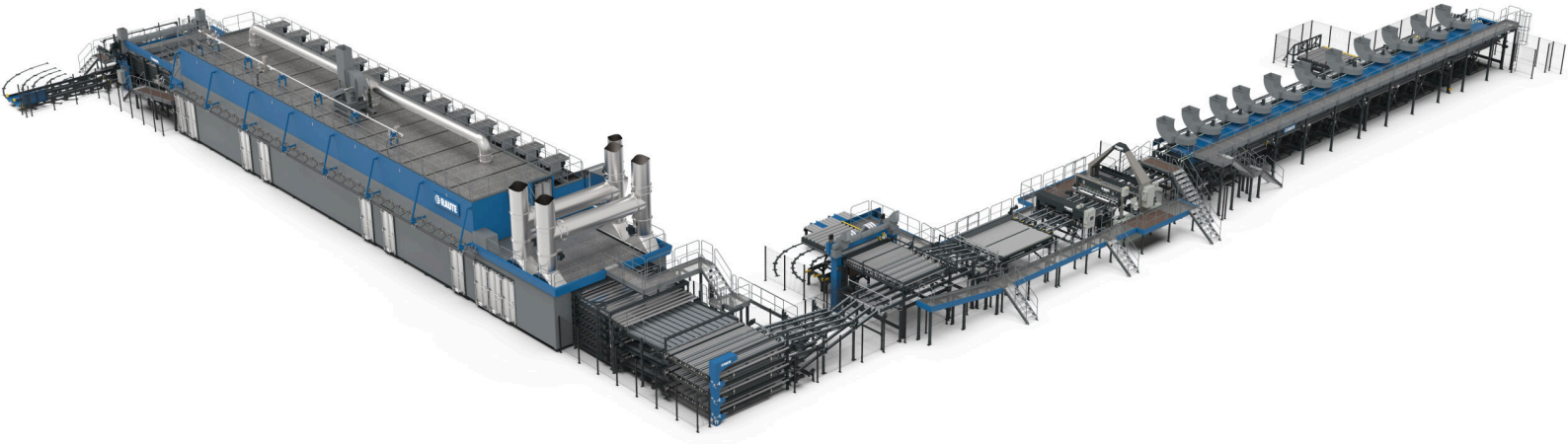
RAUTE

Veneer Drying Line R7

THE MOST EFFICIENT SOLUTION FOR INDUSTRIAL VENEER DRYING



Veneer Drying Line R7 – The ultimate choice

This is the most efficient and developed veneer drying line in the industry. Whether you need to take your production efficiency to the maximum level in automation, capacity, or production quality –this is your choice!

You can choose the drying line machinery and specifications from multiple options and everything can be fitted to your needs. It even comes with stainless-steel skin.

With the Veneer Drying Line R7, your drying time is minimized, and the total production capacity is up to 90 sheets per minute, which makes this line the all-around most efficient industrial veneer drying solution on the market. The single-point exhaust system produces zero fugitive emissions, which makes the R7 series line the most environmentally friendly line you can get.

The Veneer Drying Line R7 always includes analyzers for advanced grading and data capturing solution, MillSIGHTS.

Key benefits

-15%

SAVE 15% IN ENERGY CONSUMPTION/M3 PRODUCED VENEER

+10%

INCREASE DRYING CAPACITY BY 10%

ZERO

ZERO EMISSIONS OF VOC IS ACHIEVED WITH R7-SERIES DRYERS

JUST ONE OPERATOR IS NEEDED TO RUN THIS DRYING LINE



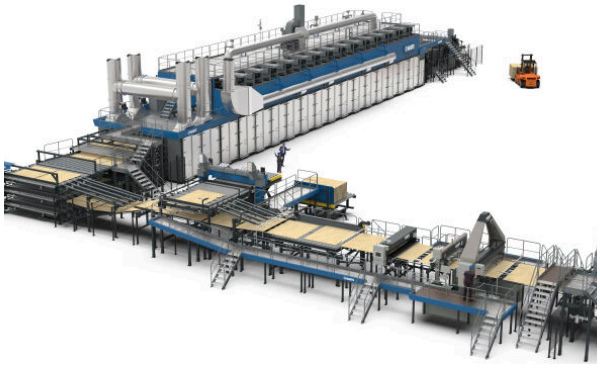
Images and videos







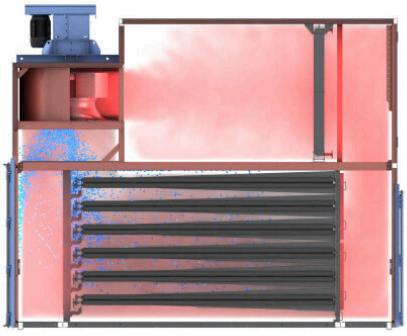




VIDEO

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Animation of Veneer Drying Line R7

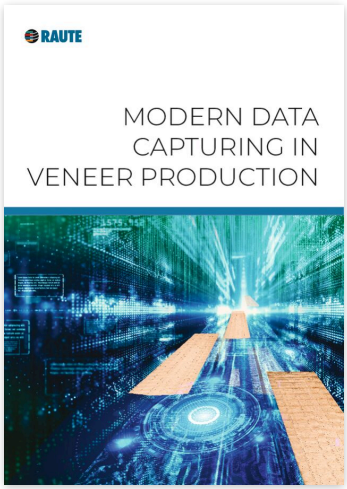




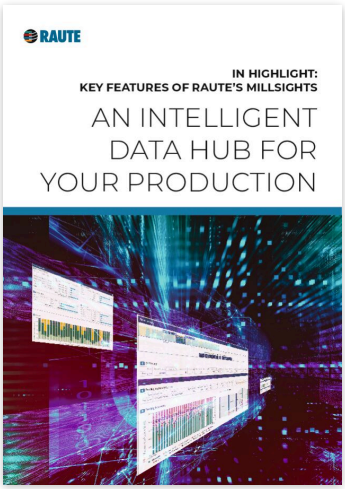
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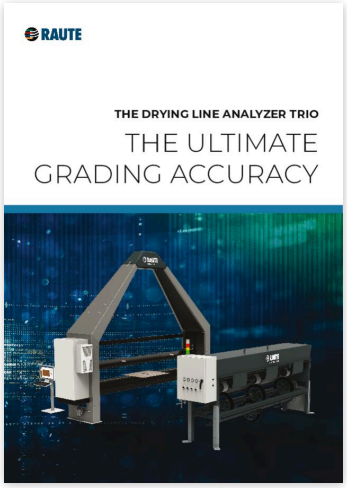
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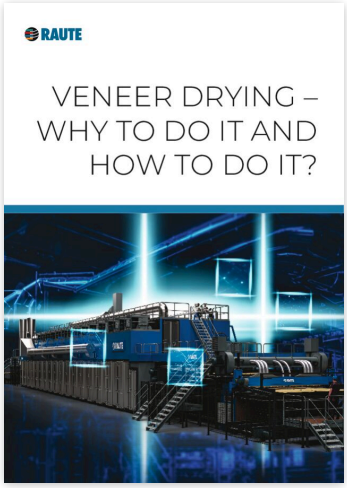
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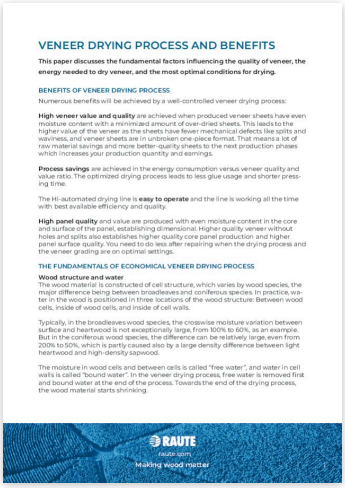
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Technical specifications

Veneer thickness (mm)	0,6 - 4
Heat Energy Consumption (KWh/m3 Dry Veneer)	400
Stainless Steel Skins	●
Drying Time (min)*	2.89
Make-up Air Valves	●
Smoke extraction cells	●
Sealant cells	●
Optimized heating system	●
Exhaust Air Blower	●
Misting System	●
Dry veneer capacity* up to (m3/h)	13,6
Installed power (kW)	595
Operators on the Line (Minimum)	1

Veneer drying

The smart veneer drying solutions for every scale production

Veneer drying is one of the most crucial phases of veneer production. The main objective of the drying process is to produce high-quality optimally dried veneer sheets with the highest possible efficiency. This is carried out by removing water from the sheet and decreasing moisture content to an optimized level by using hot and humid air inside a dryer.

By choosing industrial veneer drying, you improve veneer quality with uniform drying result. As a result, you get high-quality, even moisture content veneer sheets that are ready to be glued and processed further as LVL beams, plywood, panels, or other end-use products.

The successful veneer drying has many positive impacts on your production and veneer quality. With optimized veneer drying conditions, equipment, and process, you produce more high-quality veneer with less energy, raw material, and waste.

The most sophisticated drying solutions include grading. You can grade the dried veneer sheets to different veneer types for plywood or LVL production.

Raute offers three different veneer drying line series called R3, R5, and R7 from which the latter is the most automated line ever created to the veneer production industry. Our drying line solutions R5 and R7 always include the veneer sheet grading after the drying line.

Start your production or add capacity easily with our R3-Series. When you want capacity that can be upgraded effortlessly and a line that allows modernization through process-specific updates, R5-Series is your solution. Put automation and machine vision in full use with R7-Series and master your productivity with high speed.