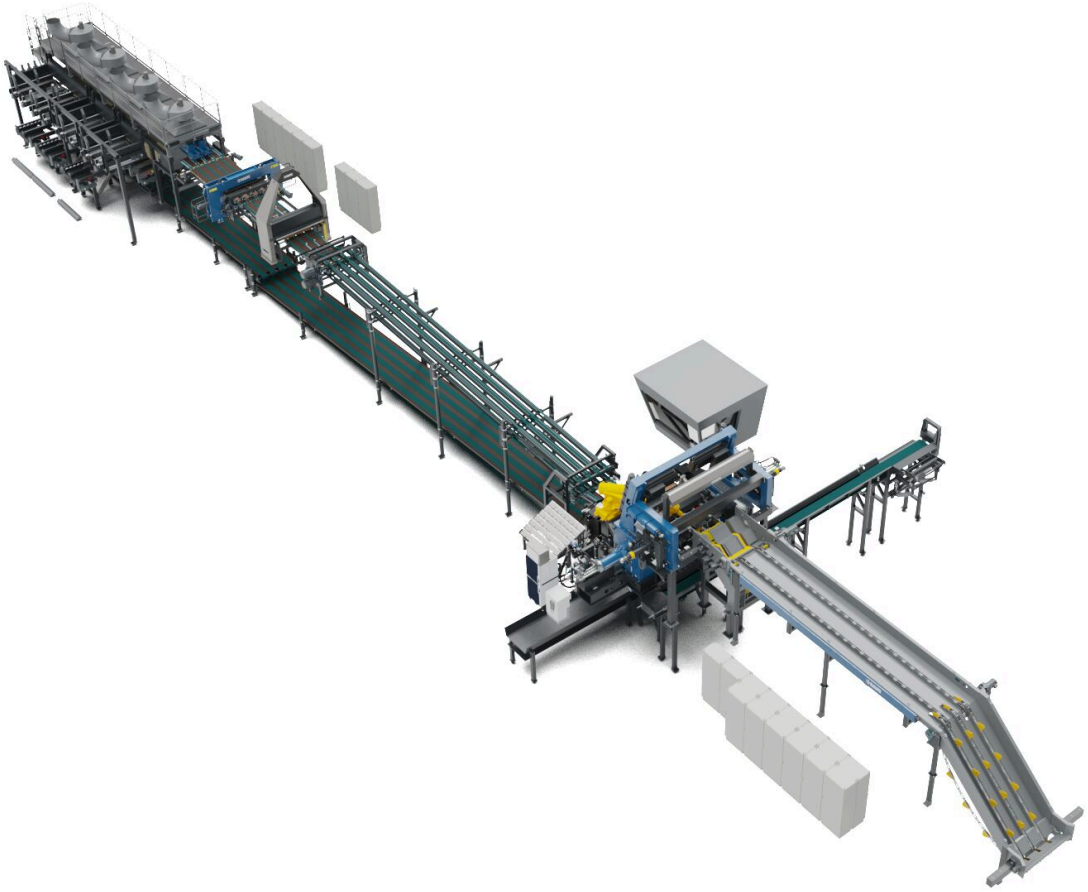
RAUTE

# Veneer Peeling Line R7-Hybrid

## MAXIMIZE RECOVERY FROM RAW MATERIAL AND REACH SMALLEST CORE



# Veneer Peeling Line R7-Hybrid - best yield from raw material

Enjoy the benefits of hybrid peeling - produce high quality veneer from hardwood and softwood with Raute Veneer Peeling Line R7-Hybrid. Its hybrid lathe peels with and without spindles allowing you to maximize face veneer and full sheet recovery from surface to the smallest possible core.

The line's modern electrical and hydraulic solutions can decrease the need for energy up to 30% compared to conventional peeling technology.

Block Centering Analyzer R7 defines the optimal peeling position and minimizes round-up losses with all block shapes improving full sheet recovery up to 15%.

The lathe's optimal peeling geometry (OPG) ensures accurate veneer thickness from surface to core with and without spindles. Automated knife change eases operation, maintains quality and makes working safer.

Accurate visual and moisture analyzers maximize face veneer recovery and optimize drying capacity and quality. The moisture analyzer grades sheets by moisture for optimized drying, resulting in a capacity increase of up to 20%.

The integrated MillSIGHTS data capturing and reporting system provides comprehensive insight into elements affecting your production and helps you analyze them.

# Key benefits

-30%

-30% ENERGY CONSUMPTION COMPARED TO CONVENTIONAL PEELING TECHNOLOGY

+8%

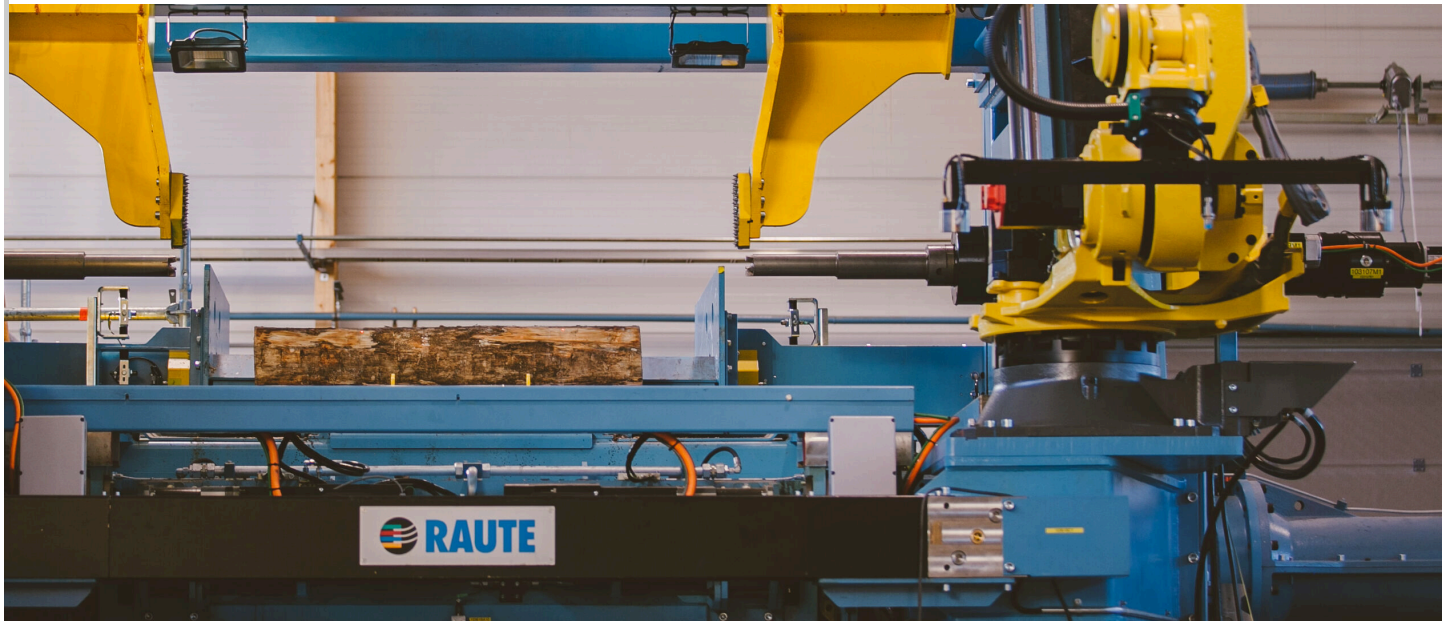
8% BETTER RAW MATERIAL UTILIZATION THAN CONVENTIONAL SOLUTIONS

25mm

25 MM MINIMUM CORE DIAMETER

AUTOMATED KNIFE CHANGE EASES MAINTENANCE AND MAKES WORK SAFER

ONLY ONE OPERATOR NEEDED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# References


## Latvijas Finieris

Innovative veneer solutions that maximize yield and sustainability—discover how Latvijas Finieris is leading the way.

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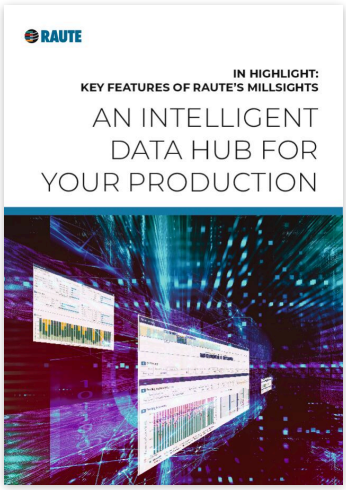


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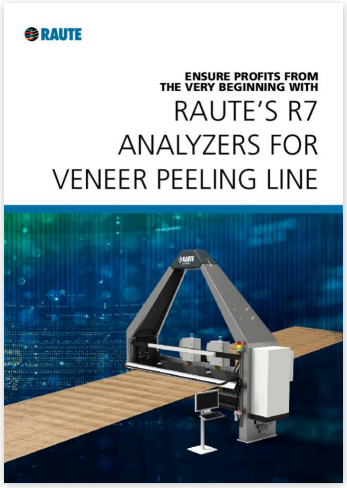


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# Technical specifications

| | R7-Hybrid-5ft | R7-Hybrid-8ft |
|---|---|---|
| Veneer thickness (mm) | 1,0 – 4,2 | 1,0 – 4,2 |
| Block Diameter (mm) | 130 - 600 | 130 - 600 |
| Minimum Core Diameter (mm) | 25 | 25 |
| Peeling Speed Up to (m/min) | 300 | 300 |
| Block Centering | Block Centering Analyzer R7 | Block Centering Analyzer R7 |
| Peeling Method | Hybrid | Hybrid |
| Knife Change | Robot | Robot |
| Operators on the Line | 1 | 1 |
| Capacity up to (m3/h) | 20 | 30 |
| Block Cycle time up to (pcs) | 10 | 10 |
| Block length nom. (ft) | 3-5 | 6-8 |
| Powered Roller Bar | ● | ● |
| Number of Spindles | 1 - 2 | 1 - 2 |
| Installed power (kW) | 480 | 500 |

# Veneer peeling

## Optimal Peeling Maximizes Veneer Quality and Production Capacity

**Veneer peeling consists of block centering, peeling, veneer analyzing, clipping and stacking as well as stack handling processes, all of which have an impact on your production performance.**

The peeling process determines the profitability of the entire veneer manufacturing chain and the volume of face quality sheets that can be produced. With optimal peeling and clipping you maximize veneer quality for further processing and your veneer production capacity.

Raute Veneer Peeling Lines offer the perfect fit for your needs allowing you to utilize all peelable raw materials. You may produce anything from thin decorative veneer to thick softwood veneer, turning even lower-quality and small logs into profit. The lathes' optimal peeling geometry (OPG) ensures constant quality throughout each veneer ribbon. Spindleless peeling allows you to reach the smallest possible core.

The proper line assembly depends on your end-product, its technical requirements and raw material along with block measurements, as well as your capacity expectations and investment capabilities.

Start your production or add capacity easily with our R3-Series. When you want a proven, widely-known workhorse of the industry, the R5-Series is your solution. Put automation and machine vision in full use with our flexible R7-Series and master your productivity with high speed and maximum capacity.