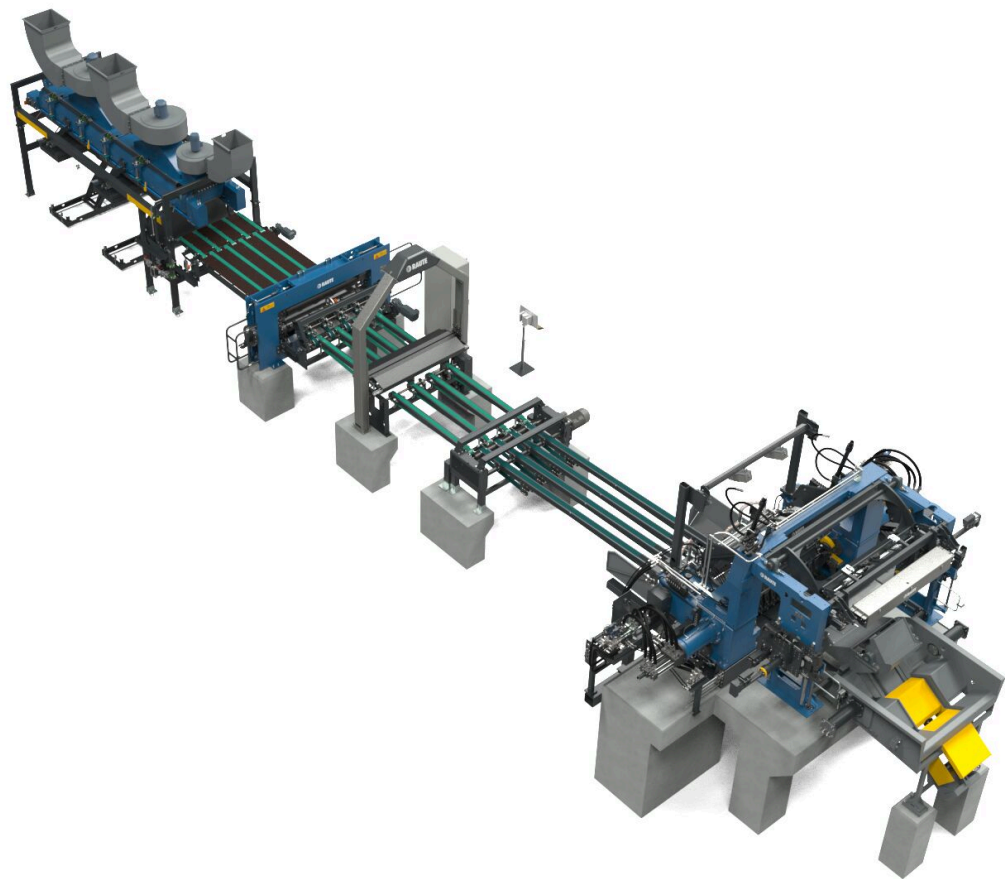


## Veneer Peeling Line R5

# PROVEN PEELING TECHNOLOGY FOR HIGH-QUALITY VENEER



## Veneer Peeling Line R5 - proven capacity with high quality

The standard Raute Veneer Peeling Line R5 is your proven workhorse of the industry with over 500 installations worldwide. It is boosted with the latest innovations in peeling and suited especially for birch and small diameter plantation species.

R5-Series benefits from the latest block charger technology that maximizes recovery. The modern features of optimal peeling geometry (OPG) maximize veneer quality.

The line's visual analyzer optimizes clipping for improved face veneer recovery up to 20%. Sorting with the help of a moisture analyzer optimizes dryer capacity and dry veneer quality. Accurate stacking minimizes veneer losses and enables automated dryer infeed and stack handling. Clipping and stacking are always configured to suit the end-products' and raw materials' needs.

As an add-on feature, upgrade your line and connect to MillSIGHTS data capturing and reporting system to get insight into elements affecting your production and analyze them.

# Key benefits

500

PROVEN PEELING TECHNOLOGY WITH OVER 500 GLOBAL INSTALLATIONS

OPG

OPTIMAL PEELING GEOMETRY (OPG) ENSURES A HIGH-QUALITY PEEL



ONLY ONE OPERATOR NEEDED

+10%

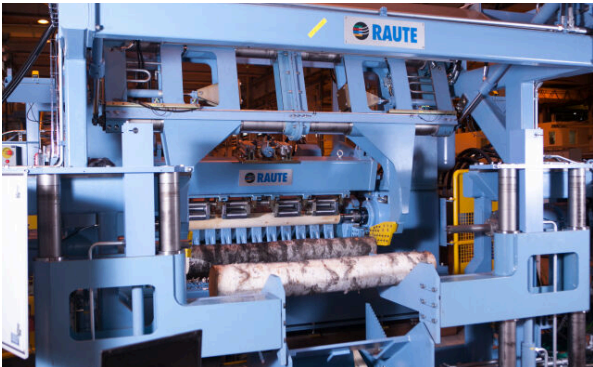
10% MORE FULL SHEET RECOVERY





INDUSTRY STANDARD FOR BIRCH PEELING



Images and videos




# Downloadable material



## TOP TIPS TO IMPROVE VENEER PEELING

As availability of raw materials is decreasing, innovating and creating better solutions for production is essential in order to increase productivity and efficiency, while still maintaining high quality products. Whether you want to ramp up production or optimize efficiency, Raute's innovations can help you achieve your goals. Read our top tips in this document to find out how.


- 1. CHOOSE THE RIGHT PEELING LINE FOR SMALL BLOCKS**
- 2. OPTIMIZE VENEER THICKNESS**
- 3. MAXIMIZE YOUR FACE VENEER RECOVERY**
- 4. COLLECT DATA TO IMPROVE EFFICIENCY**



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## BLOCK CENTERING ANALYZER R7 - PEELING

### ACCURATE BLOCK CENTERING ENSURES MAXIMIZED FACE VENEER PRODUCTION

Accurate and optimized block centering determines the effectiveness of the entire veneer peeling process. Proper centering ensures the amount of high-quality face veneer. If you want to maximize veneer production, proper location and correct block centering. Why? Keep reading to learn why.



Proper centering plays a key role in profitable and efficient veneer and panel production.



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## 5 ways TO IMPROVE YIELD

Most peeling lines offer some scope for improvement. From increasing production efficiency and veneer recovery to improved quality, there are many ways to raise your profitability. There are a variety of technologies and operational enhancements that can help customers improve the productivity of their peeling lines. This article highlights some of the factors that go into improving and optimizing production efficiency, and how new Raute solutions like Block Centering Analyzer R7 - Peeling manage to deliver their significant benefits.

- 1. ACCURATE BLOCK CENTERING**

In the veneer making process, the factor that affects raw material use the most is accurate centering. Accurate centering results in the maximum number of full sheets and maximum value yield. The most sophisticated XY centering and block optimizing systems have integrated automation that takes care of continuous centering accuracy and the best possible veneer yield. In centering process, the block is rotated and measured by accurate lasers to achieve true 3D image of block shape. This measurement data is processed by advanced algorithms to define an optimal block position to peel out maximum amount of veneer.

It is possible to replace old mechanical block centering equipment with a new "stand alone" centering machine designed to be installed on the base of the existing equipment. Centering systems with previous generations of measuring equipment can also be modernized using the latest technologies.

Block charger maintenance is an important part of maintaining profitable veneer production. Regular preventive maintenance with inspections and calibrations ensure that centering accuracy will stay at a high level.



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## Technical specifications

	R5-5ft
Veneer thickness (mm)	0,5 - 3,2
Block Diameter (mm)	150 - 600
Minimum Core Diameter (mm)	65
Max Block Cycle Time (pcs)	6
Peeling Speed Up to (m/min)	300
Block Centering	Block Centering Analyzer R7
Peeling Method	With Spindles, Double
Knife Change	Manual
Operators on the Line	1
Capacity up to (m <sup>3</sup> /h)	10
Fixed Nose Bar / Pressure Bar	<input checked="" type="checkbox"/>
Number of Spindles	2
Installed power (kW)	330