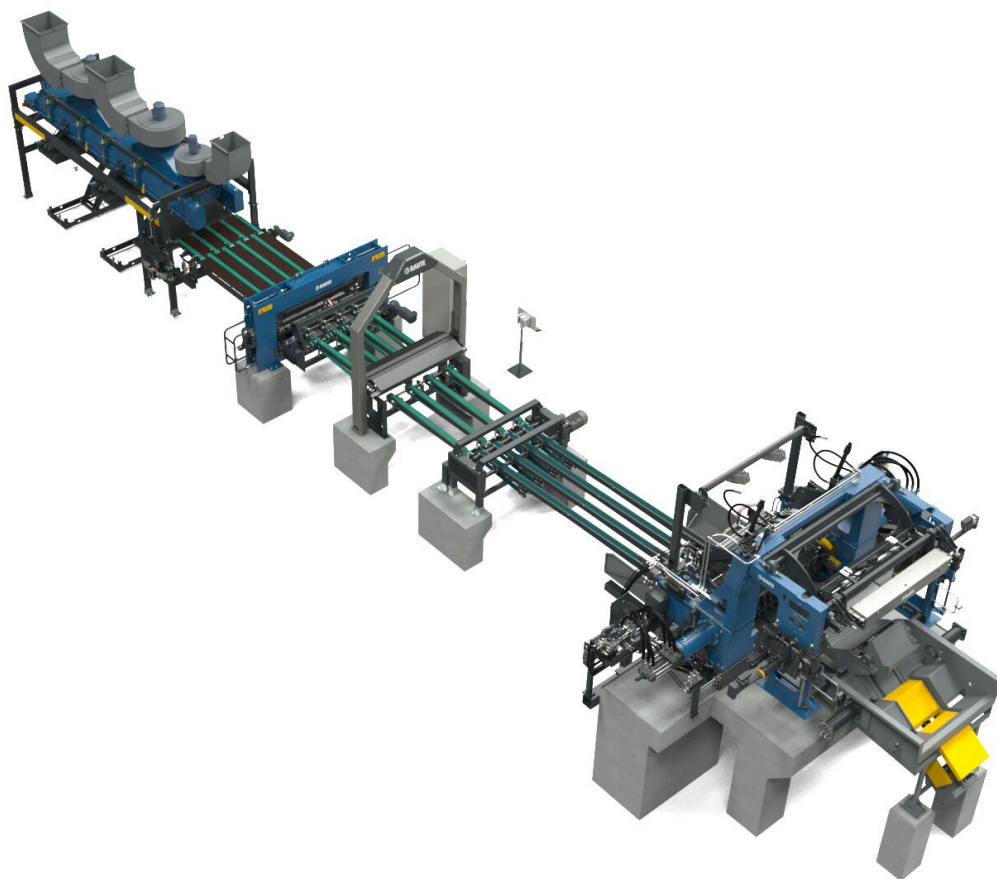


## Veneer Peeling Line R5

**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%

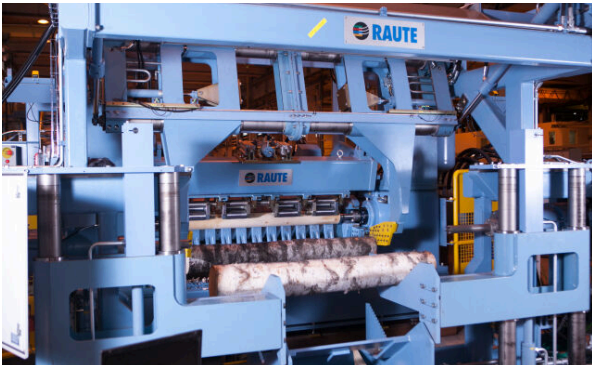
10% MORE FULL SHEET  
RECOVERY



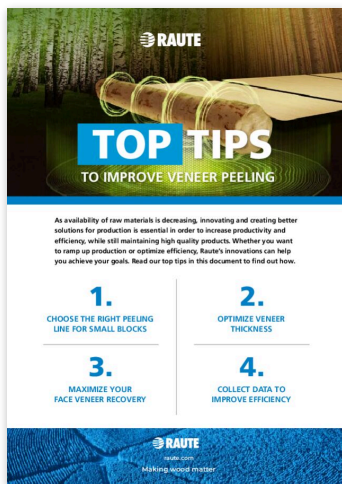
INDUSTRY STANDARD  
FOR BIRCH PEELING



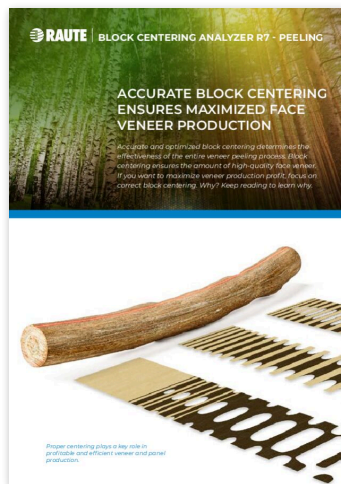
## Images and videos



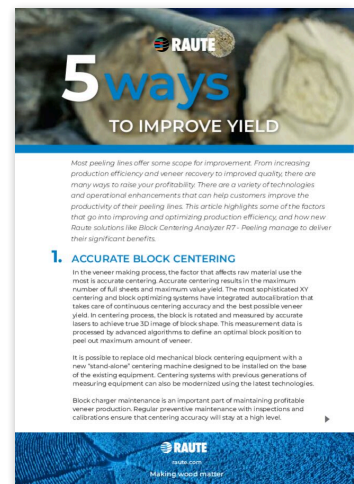
## Downloadable material



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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                                 |

# 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.



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Making Wood Matter