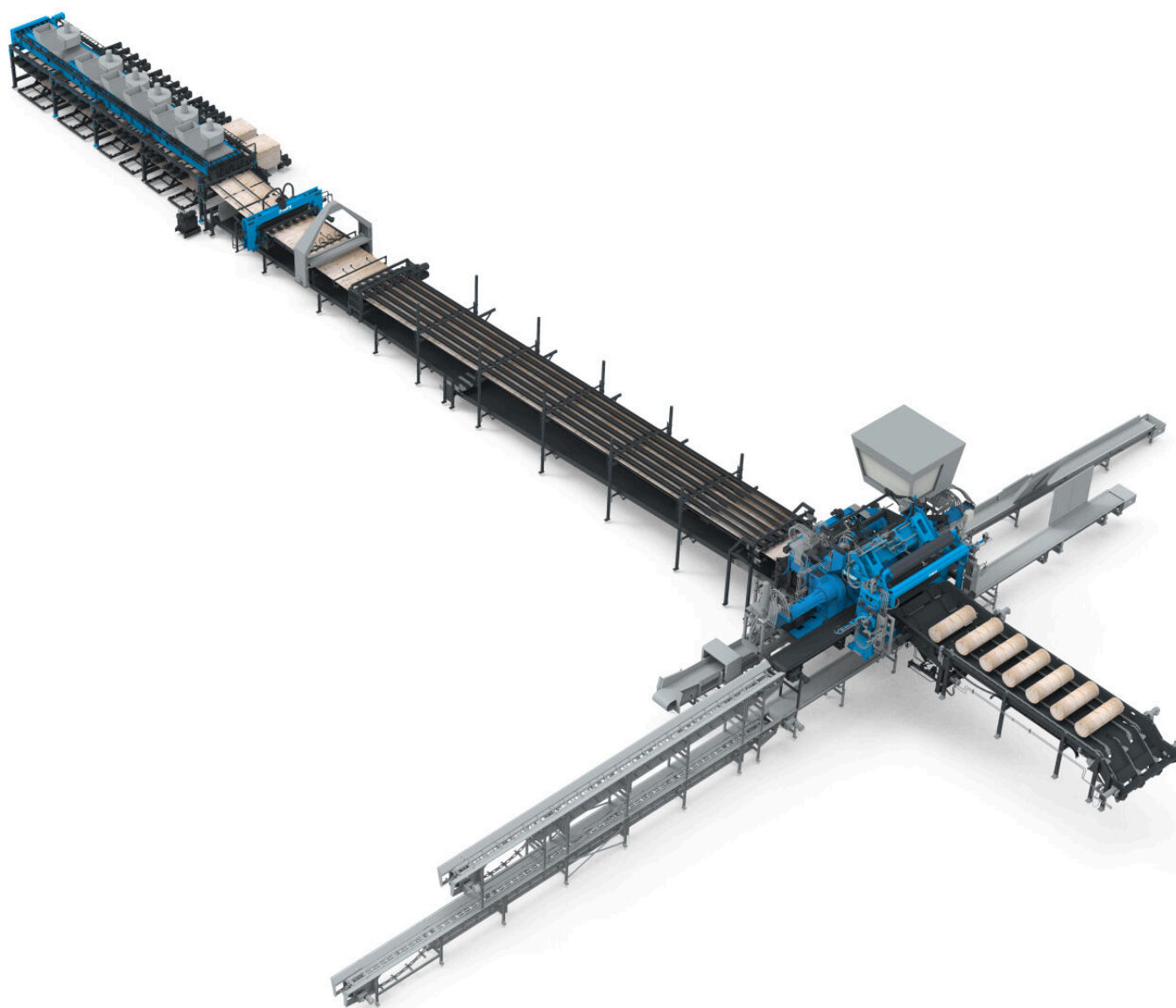


## Veneer Peeling Line R7

**MASTER YOUR PRODUCTIVITY WITH  
MAXIMUM QUALITY AND CAPACITY**



# Veneer Peeling Line R7 - master your productivity

Master your productivity with high level of automation and maximum capacity - produce highest-quality veneer from hardwood and softwood with Raute Veneer Peeling Line R7.

With over 200 installations globally in the past 20 years, the R7-Series peeling line offers flexibility for peeling varied veneer thicknesses, block lengths and raw materials. Its modular construction enables easy modernization as technology develops or your needs change.

Define the optimal peeling position for each block using Block Centering Analyzer R7: peel out a high amount of veneer, improve full sheet recovery up to 15% through more efficient raw material usage and produce up to 20% more face veneer.

The lathe's optimal peeling geometry (OPG) ensures high quality veneer from surface to core. Maintain optimal veneer quality by adjusting peeling settings through an easy-to-use interface in your own language.

Veneer Visual Analyzer R7 maximizes the amount of full sheets and minimizes randoms. The moisture analyzer grades veneer sheets by moisture, increasing your drying capacity up to 20% and maximizing dry veneer quality. Moisture measurement enables minimizing dry veneer width deviation through optimized green veneer clipping.

Connect to MillsIGHTS data capturing and reporting system to get comprehensive insight into elements affecting your production and analyze them.

## Key benefits

+20%

PROPER PEELING  
INCREASES DRYING  
CAPACITY UP TO 20%

+20%

PRODUCE UP TO 20%  
MORE FACE VENEER



ONLY ONE OPERATOR  
NEEDED



FLEXIBILITY FOR  
PEELING VARIED  
VENEER  
THICKNESSES, BLOCK  
LENGTHS AND RAW  
MATERIALS

OPG

OPTIMAL PEELING  
GEOMETRY ENSURES  
HIGH QUALITY  
THROUGHOUT EACH  
RIBBON





## References



### Panguaneta

Panguaneta began a new phase in plywood production.



[Read more](#)

## Images and videos



VIDEO



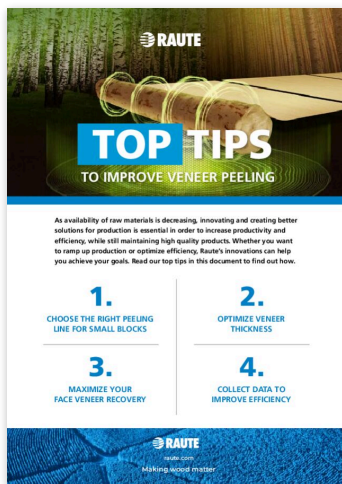
[Veneer Lathe R7 test run](#)

VIDEO

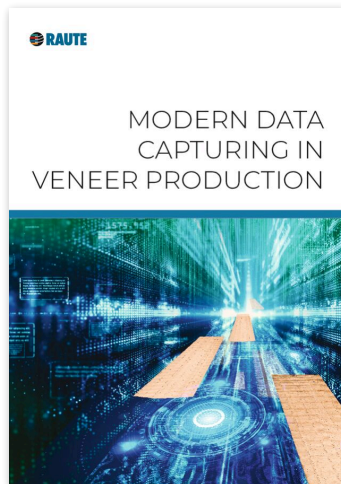


[Raute Optimal Peeling Geometry](#)

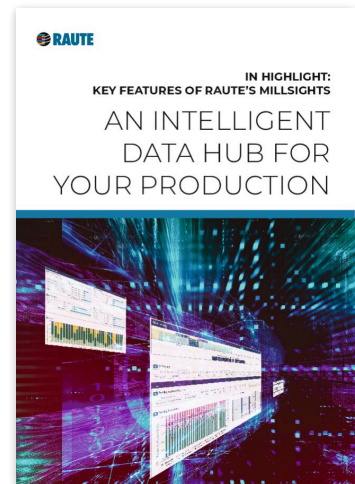
## Downloadable material



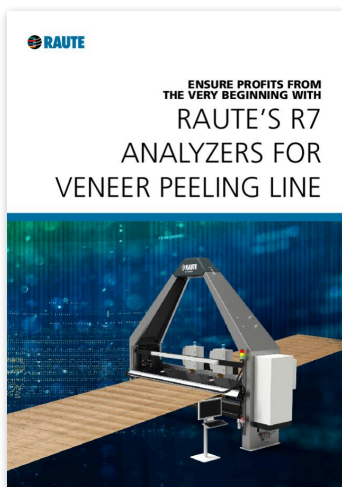
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## Technical specifications

|                                    | R7-5ft                      | R7-8ft                      |
|------------------------------------|-----------------------------|-----------------------------|
| Veneer thickness (mm)              | 0,5 – 4,2                   | 0,5 – 4,2                   |
| Block Diameter (mm)                | 140 - 600                   | 160 - 800                   |
| Minimum Core Diameter (mm)         | 55                          | 75                          |
| Peeling Speed Up to (m/min)        | 350                         | 350                         |
| Block Centering                    | Block Centering Analyzer R7 | Block Centering Analyzer R7 |
| Peeling Method                     | With Spindles               | With Spindles               |
| Knife Change                       | Manual                      | Manual                      |
| Operators on the Line              | 1                           | 1                           |
| Capacity up to (m <sup>3</sup> /h) | 12                          | 40                          |
| Block Cycle time up to (pcs)       | 15                          | 15                          |
| Block length nom. (ft)             | 3-5                         | 6-8                         |
| Fixed Nose Bar / Pressure Bar      | ●                           | ●                           |
| Powered Roller Bar                 | ●                           | ●                           |
| Number of Spindles                 | 2                           | 3                           |
| Installed power (kW)               | 540                         | 800                         |



# 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