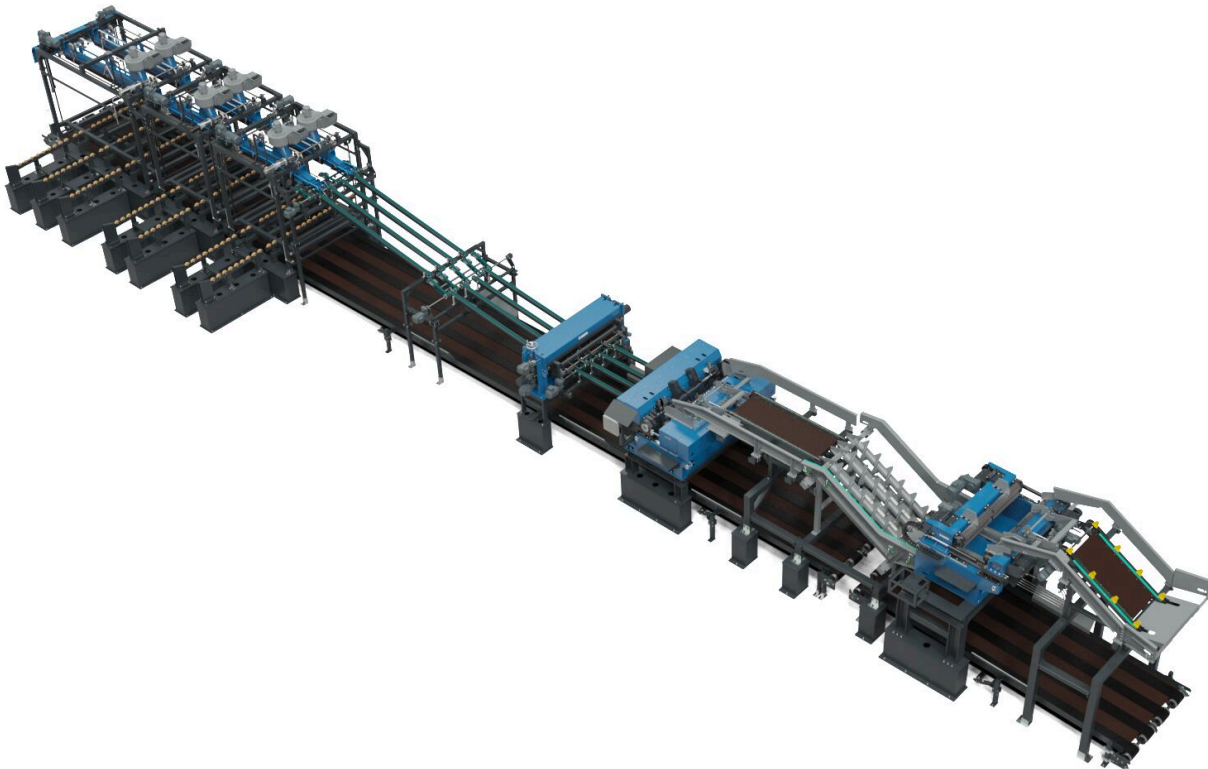


## Veneer Peeling Line R3

# SPINDLELESS PEELING LINE WITH HIGH RUNNING EFFICIENCY



## Veneer Peeling Line R3 - fast startups and add-on capacity

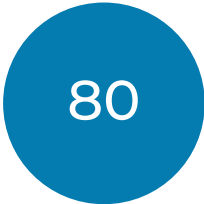
The 100% electrically operated spindleless Raute Veneer Peeling Line R3 peels high-quality veneer from start to core, allowing you to make the most of small diameter blocks of hardwood and softwood. It can also work as a recovery line improving the yield and effectiveness of conventional lathes.

R3-Series is Nordic design manufactured and tested at Raute's own factory. Its optimal peeling geometry (OPG) enables peeling high-quality veneer with good capacity and an unmatched thickness tolerance compared to conventional spindleless lathes.

The line provides quick and easy production startups with fast and remote installation possibilities. Its ease of operation and maintenance result in a high running efficiency. The fully electrical operation requires a smaller power supply and ensures that energy is used only for veneer production.

Maximal automation level of the line enables high productivity. The line's modern construction enables adding moisture and visual analyzers.

# Key benefits



ENABLES EFFICIENT  
VENEER PEELING  
FROM SMALL  
DIAMETER BLOCKS  
STARTING FROM 80  
MM



100% ELECTRICALLY  
OPERATED



0.1 MM THICKNESS  
TOLERANCE



NORDIC DESIGN



RUNS TYPICALLY WITH  
TWO OPERATORS



## References



### Scaling veneer production with spindleless peeling lines

Veneer Peeling Line R3 fitted AmberBirch's main production needs and their use of small diameter logs.



[Read more](#)

## Images and videos

**RAUTE**  
VIDEO  
**IMPORTANCE**  
OF PEELING TO THE SMALLEST POSSIBLE CORE

[Raute Expert Talks: The importance of peeling to the smallest possible core](#)



**RAUTE**  
VIDEO  
**GROW CAPACITY EASILY AND QUICKLY**

[Link to video content](#)

**RAUTE**  
VIDEO  
**OPTIMAL PEELING GEOMETRY**

[Link to video content](#)

**RAUTE**  
VIDEO  
**GROW CAPACITY EASILY AND QUICKLY**

[Link to video content](#)



 VIDEO  
RS SERIES  
NEW KID  
ON THE BLOCK




[Link to video content](#)

 VIDEO  
VENEER  
PEELING LINE R3



[Link to video content](#)

# Downloadable material




**WHAT IS R3 SERIES ALL ABOUT?**  
**THE RAUTE R3 SERIES IS ALL ABOUT EASINESS WITH HIGHEST QUALITY.**

Say hello to the new kids on the block – The Raute R3 Series. The R3 Series' machines and lines are most suitable for you when you are starting the industrial veneer production, or you have basic production requirements. And what's more, they all are compact-sized needing only a little floor space.


The lighter-and R3s are of almost high-quality, destined to have the job done. The lines are plug-and-play, do the commissioning later only a short time. We deliver the machines with affordable investments, price and spare, under complete, default time.

The R3 lines are the premium Raute-quality machines to have the job done. The beginning has never been easier until now. We made it easy for you.

These R3 series lines are the first of many to come. We are constantly developing new machinery and solutions for our customers' changing needs. We are going to introduce new lines and machines to the R3 series, continually.




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**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**



Make us your  
Making wood matter.



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## Technical specifications

	R3-4ft	R3-5ft	R3-8ft
Veneer thickness (mm)	1,1 – 3,6	1,1 – 3,6	1,1 – 3,6
Block Diameter (mm)	80 - 350	80 - 350	80 - 450
Minimum Core Diameter (mm)	30	30	35
Peeling Speed Up to (m/min)	120	120	120
Block Centering	Spindleless Roundup	Spindleless Roundup	Spindleless Roundup
Peeling Method	Spindleless	Spindleless	Spindleless
Knife Change	Manual	Manual	Manual
Operators on the Line	1-2	1-2	1-2
Capacity up to (m <sup>3</sup> /h)	12	15	25
Block Cycle time up to (pcs)	6	6	6
Block length nom. (ft)	3-4	4-5	6 - 8
Powered Roller Bar	●	●	●
Installed power (kW)	100	120	160