

Veneer Peeling Line R3

**MAKE THE MOST OF YOUR SMALL
DIAMETER RAW MATERIAL**



START A NEW BUSINESS OR EXPAND YOUR PRODUCTION CAPACITY QUICKLY WITH THE RAUTE VENEER PEELING LINE R3

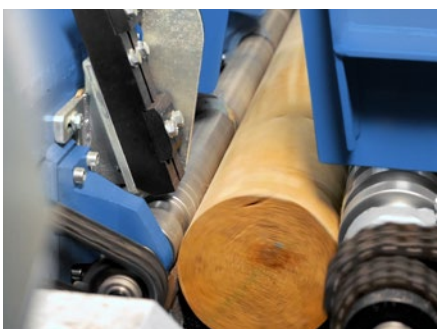
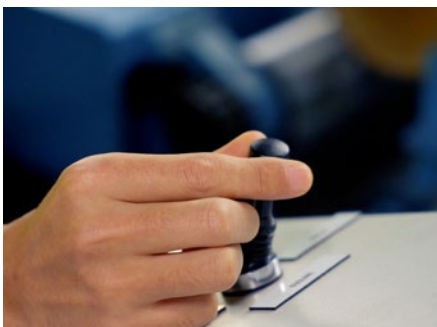
Whether you're starting production or want to grow capacity easily and quickly, the Raute Veneer Peeling Line R3 ensures good quality veneer from a wide range of raw materials. The 100% electrically operated spindleless Raute Veneer Peeling Line R3 peels high-quality veneer from start to core, allowing you to make the most of small diameter blocks of hardwood and softwood.

MAKE THE MOST OF SMALL DIAMETER BLOCKS

- High quality with both hardwood and softwood
- Spindleless peeling for maximum recovery
- Recovery from 400 to 100mm blocks, leaving a core of only 30mm
- Can be used also as a recovery line
- Excellent thickness tolerance
- Moisture and visual analysers can be added to increase productivity even more

EASY AND SAFE OPERATION

- Modern, Nordic design and construction
- Maximal automation level
- Low power consumption
- One or two operators needed



KEY BENEFITS

80

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



100% ELECTRICALLY OPERATED



EXCELLENT THICKNESS TOLERANCE



NORDIC DESIGN



TYPICALLY RUNS WITH ONE OR TWO OPERATORS

FEATURES FOR HIGH CAPACITY AND MAXIMUM RECOVERY

AUTOMATIC STACKING

Veneer sheets are automatically stacked according to quality grading.

SHEET SELECTOR

Veneer sheets are automatically selected from the ribbon. And smaller pieces are dropped off to the conveyor.

AUTOMATED CLIPPER

Accurate and high speed clipping ensuring maximal amount of full sheets. Front cut and open defect detection provided with photocells.

AUTOMATED BLOCK INFEEED SYSTEM

Reduces manual labor and improves efficiency.

SPINDLELESS PEELING LATHE

- Optimal peeling geometry (OPG)
- Joystick operated / Also a fully automated option is available
- Peels small diameter blocks down to a core of just 30 mm.

BLOCK ROUND UP LATHE

- Joystick operated
- The block is peeled and rounded perfectly

QUICK AND EASY STARTUP

Extremely easy to install mechanically and electrically. The line can be remotely started up with Raute's support team.

UNIQUE OPG TECHNOLOGY

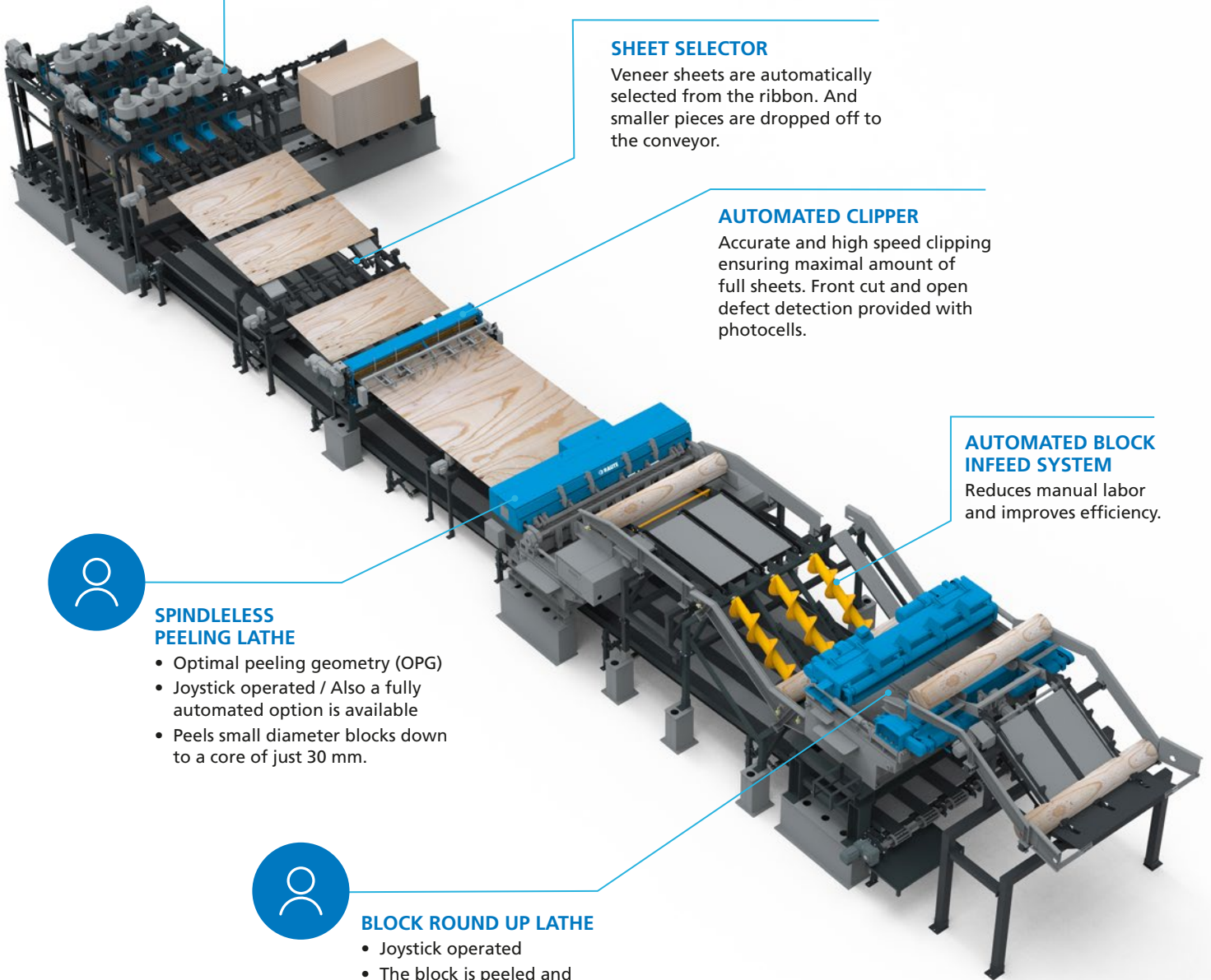
Optimal peeling geometry (OPG) allows you to achieve consistently accurate veneer thickness and strength for the whole veneer ribbon. Spindleless peeling lets you achieve the smallest possible core.

RETURN ON INVESTMENT

Excellent thickness tolerance and full sheet recovery from small blocks enables fast payback time.

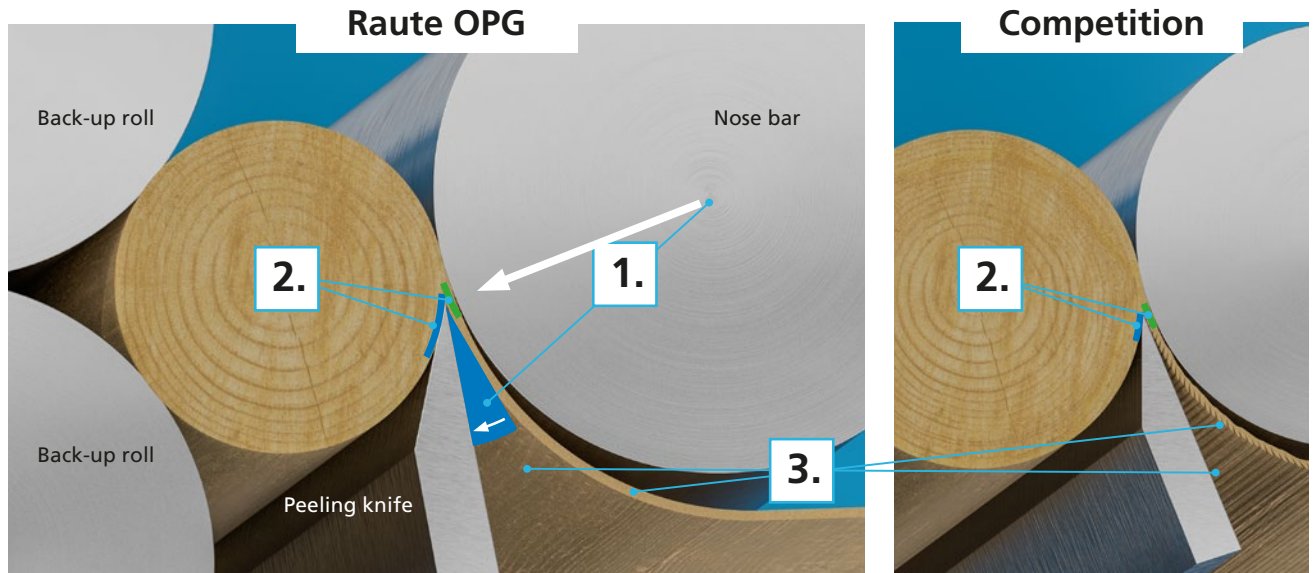
EFFICIENT PEELING

High capacity and improved recovery with the new 100% electric lathe, leaves a core of only 30 mm, ensuring efficient peeling.



RAUTE OPG (OPTIMAL PEELING GEOMETRY)

Optimal peeling geometry (OPG) allows you to achieve consistently accurate veneer thickness and strength for the whole veneer ribbon, and spindleless peeling lets you achieve the smallest possible core.



1. The knife angle and the nose bar are automatically adjusted as the block gets smaller.

2. The pressure in the knife gap and against the block remains constant through the whole peeling process.

3. This prevents vibrations and cracks, giving controlled and high quality veneer from start to finish.

RAUTE VENEER PEELING LINE R3 - TECHNICAL DATA

	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, (m/min)	120	120	120
Block Centering	Spindleless Roundup	Spindleless Roundup	Spindleless Roundup
Peeling Method	Spindleless	Spindleless	Spindleless
Operators on the Line	1-2	1-2	1-2
Capacity, up to (m ³ /h)	12	15	25
Block Cycle Time (pcs/min)	6	6	6
Block length nom. (ft)	3-4	4-5	6 - 8
Powered Roller Bar	Yes	Yes	Yes
Installed power (kW)	100	120	160