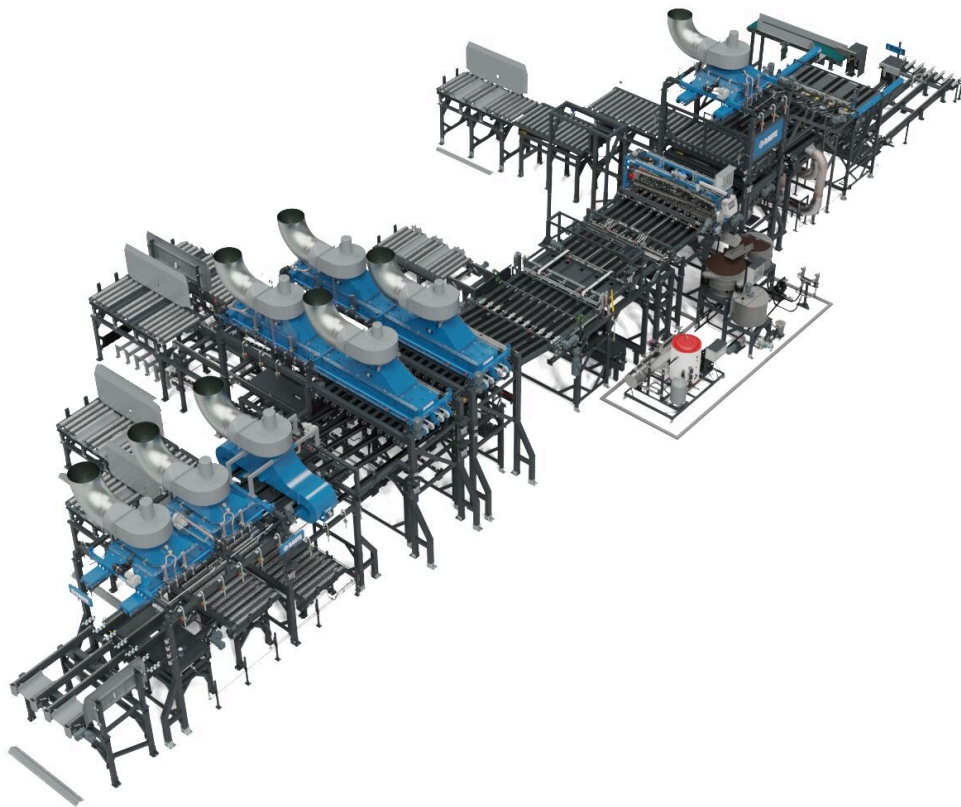


## Plywood Lay-up Line R7

**MAXIMIZE LAY-UP CAPACITY AND  
REDUCE GLUE CONSUMPTION**



## Plywood Lay-up Line R7 - optimized for high-quality plywood

The fully automated Plywood Lay-up Line R7 follows the operator-set recipe and automatically feeds the sheets in the correct order for lay-up. It utilizes intelligent analyzers to optimize sheet alignment and veneer pairing allows feeding up to three sheets at once for maximum capacity.

Raute one-sided liquid extruder (LEG) and curtain coating (CC) gluing methods in the line as well as gripper veneer feeding options are gentle and don't break thinner sheets. One-sided gluing saves up to 25% in glue consumption compared to traditional roller gluing. Vacuum box feeding is available for cross grain sheets.

The use of paired ply numbers in one-sided gluing enables using thicker sheets inside the structure, bringing savings in glue consumption through a reduced gluing need. An optional camera analysis for gluing control further optimizes chemical use. MillSIGHTS data capturing and reporting system analyzes production capacity and operation for you, suggesting optimal settings for maximum productivity.

The first one-sided R7-Series lay-up lines were delivered over 20 years ago. Most of the world's one-sided lay-up lines have been delivered by Raute. Utilize our expertise also for designing a tailored lay-up line for your specific needs!

# Key benefits



CAPACITY UP TO 15  
000 VENEER SHEETS  
PER 8H WORK SHIFT



ONLY ONE OPERATOR  
NEEDED



SAVE UP TO 25% IN  
GLUE CONSUMPTION



FULLY AUTOMATIC  
LAY-UP LINE  
OPERATION FOR  
MAXIMUM  
PRODUCTIVITY



## References



### Reducing glue waste with a modernized lay-up line

Estonian Plywood optimized their production by investing in the Raute Plywood Lay-up Line R7, enhancing efficiency, automation, and sustainability.



[Read more](#)

## Images and videos

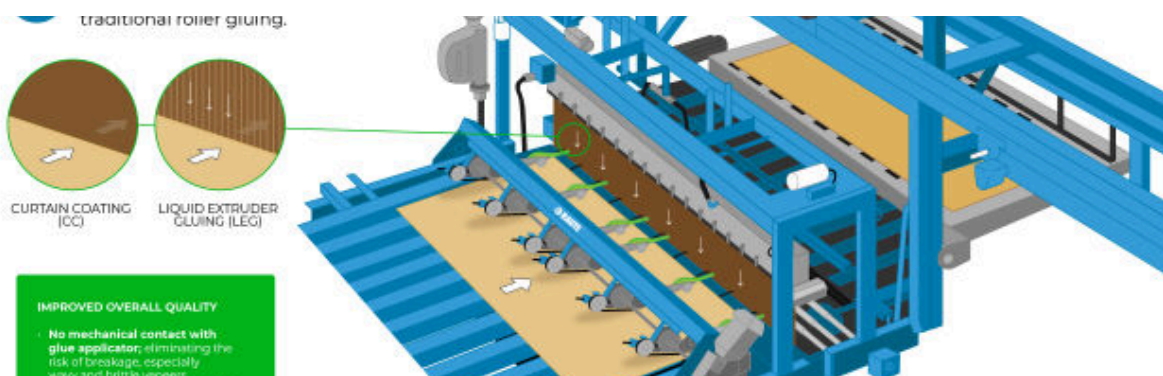
VIDEO



[Link to video content](#)



[Link to video content](#)



## Technical specifications

|                                      | R5-Vacuum Box | R5-Gripper |
|--------------------------------------|---------------|------------|
| Operators on the Line                | 1             | 1          |
| Veneer Pairing                       | ●             | ●          |
| Automatic Veneer Grading             | ●             | ●          |
| Automatic Veneer Aligning            | ●             | ●          |
| Installed power (kW)                 | 380           | 185        |
| Tailored Plywood Size Available      | ●             | ●          |
| Changeable Gluing method             | ●             | ●          |
| Lay-up tablet                        | ●             | ●          |
| Glue spread (g/m <sup>2</sup> ) min. | ●             | 120        |
| Automatic Bottom plate feeding       | ●             | ●          |
| Non-Stop                             | ●             | ●          |
| Plywood sizes                        | 8x4, 8x8      | 4x8, 5x10  |
| Capacity up to (sheets/8h)           | 15000         | 11000      |