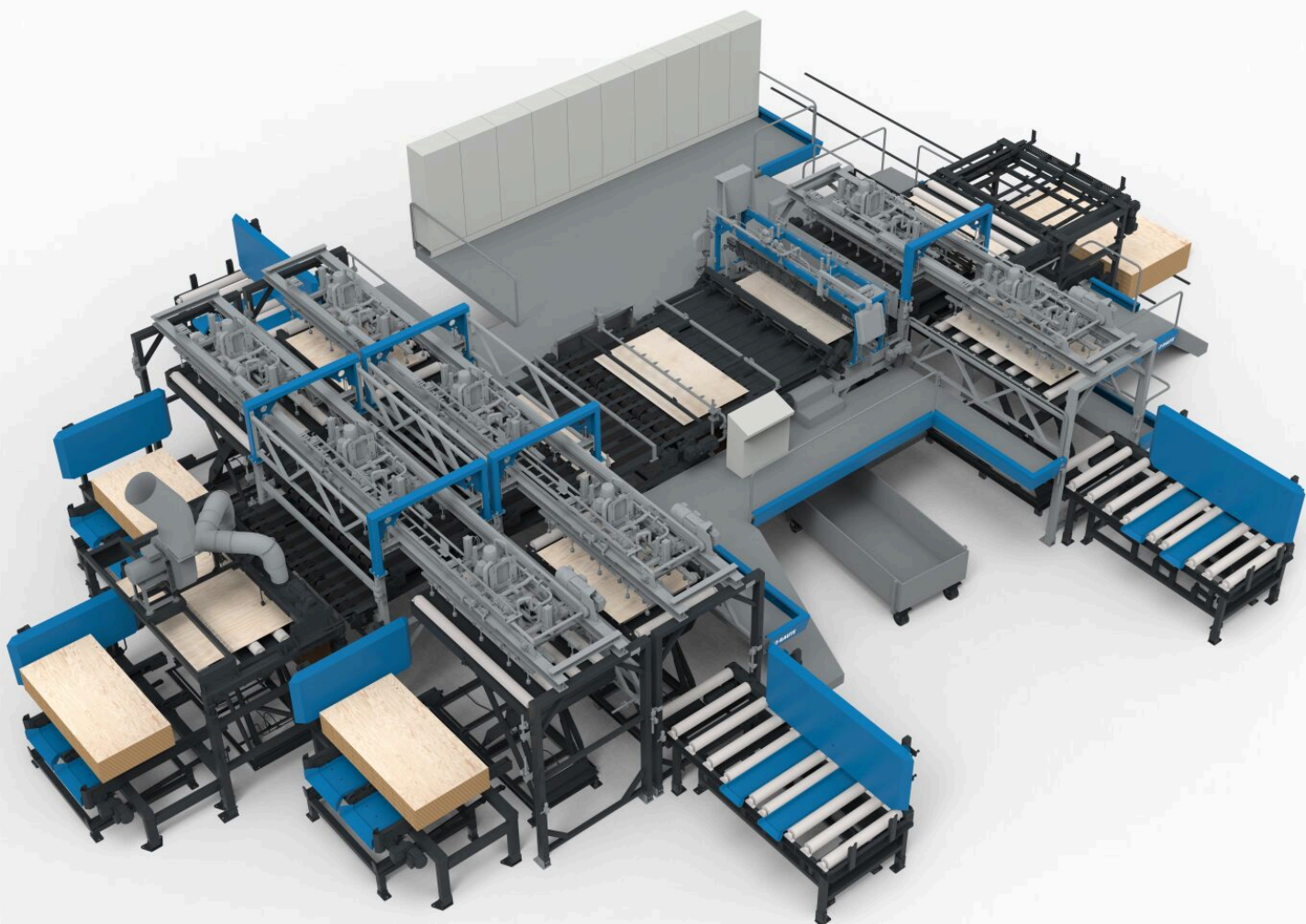


Plywood Lay-up Line R5

**IMPROVE PRODUCTIVITY WITH
AUTOMATED PLYWOOD LAY-UP**



Plywood Lay-up Line R5 - automated for better productivity

The automated Plywood Lay-up Line R5 feeds the sheets to lay-up according to your recipe. Face veneer pairing allows you to feed up to two sheets at once.

The line's gripper veneer feeding options as well as liquid extruder (LEG) and curtain coating (CC) gluing methods are gentle and don't break thinner sheets. Vacuum box feeding is available for cross grain sheets. Paired ply numbers in one-sided gluing give you the possibility to use thicker sheets inside the plywood structure, bringing up to 25% savings in glue consumption through a reduced need for gluing sheets.

MillSIGHTS data capturing and reporting system analyzes capacity and operation, and helps optimize settings for better productivity.

Raute has delivered the most one-sided gluing lay-up lines in the world for over 20 years - utilize our expertise also for designing tailored lay-up lines for your specific needs!



Key benefits

13000

CAPACITY UP TO 13
000 VENEER SHEETS
PER 8H WORK SHIFT

-25%

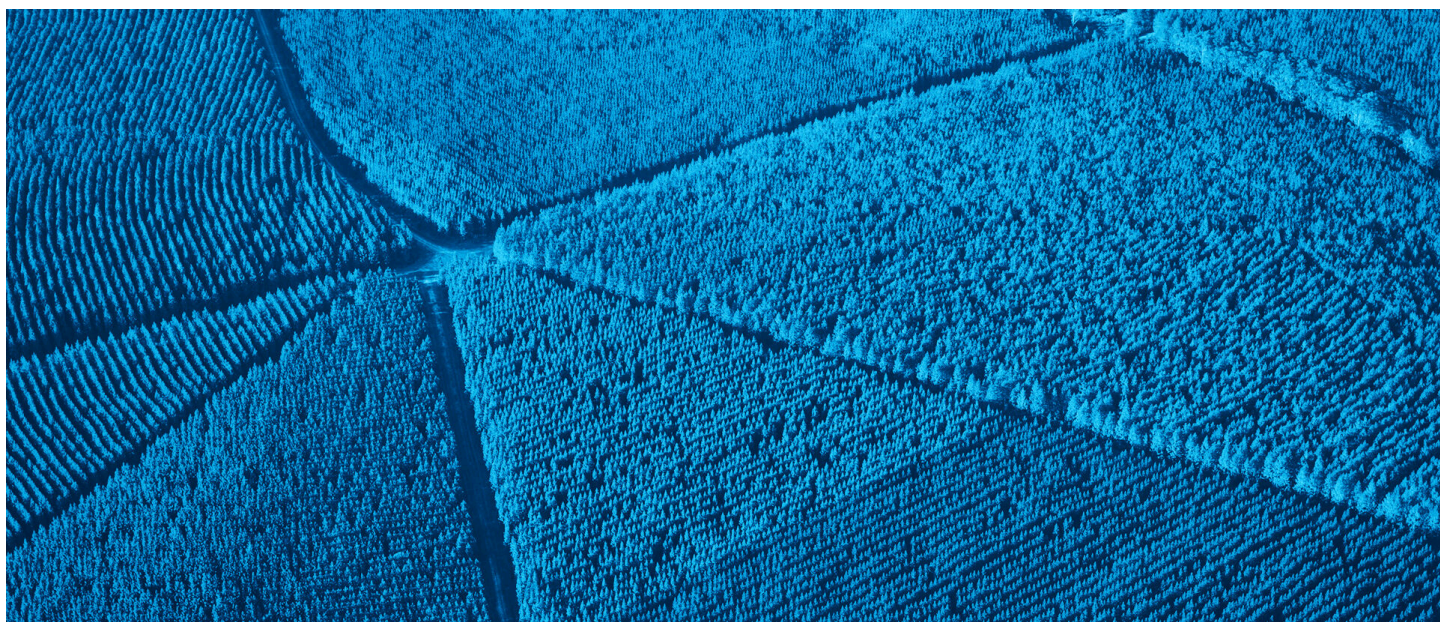
SAVE UP TO 25% IN
GLUE CONSUMPTION



GENTLE VENEER
HANDLING BRINGS
SAVINGS IN RAW
MATERIAL USAGE



FLEXIBILITY IN
HANDLING DIFFERENT
SIZE VENEER SHEETS



References



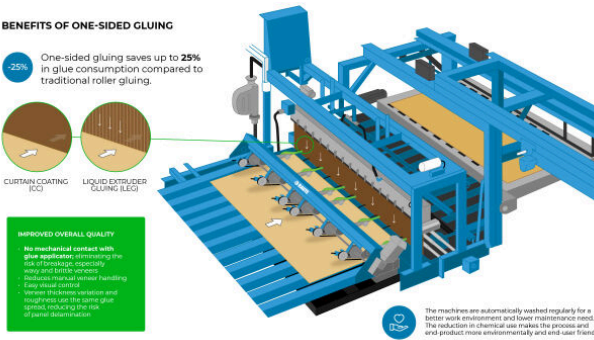
Plyterra

Plyterra optimized their Plywood Lay-up process with one-sided gluing.



[Read more](#)

Images and videos



Technical specifications

		Vacuum Box	Gripper
Operators on the Line		2	2
Veneer Pairing	No		
Gluing Method	Curtain Coating / Liquid Extruder		
Installed power (kW)		250	138
Tailored Plywood Size Available		<input type="radio"/>	<input checked="" type="radio"/>
Glue spread (g/m2) min.		120	120
Plywood sizes		4x8, 5x10	4x8, 5x10
Capacity up to (sheets/8h)		14000	11000

Plywood lay-up

Plywood lay-up with optimized glue consumption

In lay-up, face veneers, long core veneers and cross core veneers are combined into plywood, and fed to the lay-up table in the correct order for each cross-ply construction. Glue is spread evenly between every layer to make the sheets stay together.

With 50 deliveries of plywood lay-up lines, Raute is the number one provider of one-sided gluing solutions in the world. Raute Plywood Lay-up solutions bring up to 25% savings in glue consumption compared to traditional roller gluing. The machines are automatically washed regularly for a better work environment and lower maintenance need, and the wash water is re-used in mixing glue. The reduction in chemical use makes the process and end-product more environmentally and end-user friendly.

The right fit for your needs depends on your capacity expectations and desired number of operators. Fast changing of glue spreading systems from Liquid Extruder Gluing (LEG) to Curtain Coating (CC) brings flexibility to your production, making the use of different glue mixtures possible. Even gluing quality brings savings in hot pressing through less waste.

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.



raute.com

Making Wood Matter