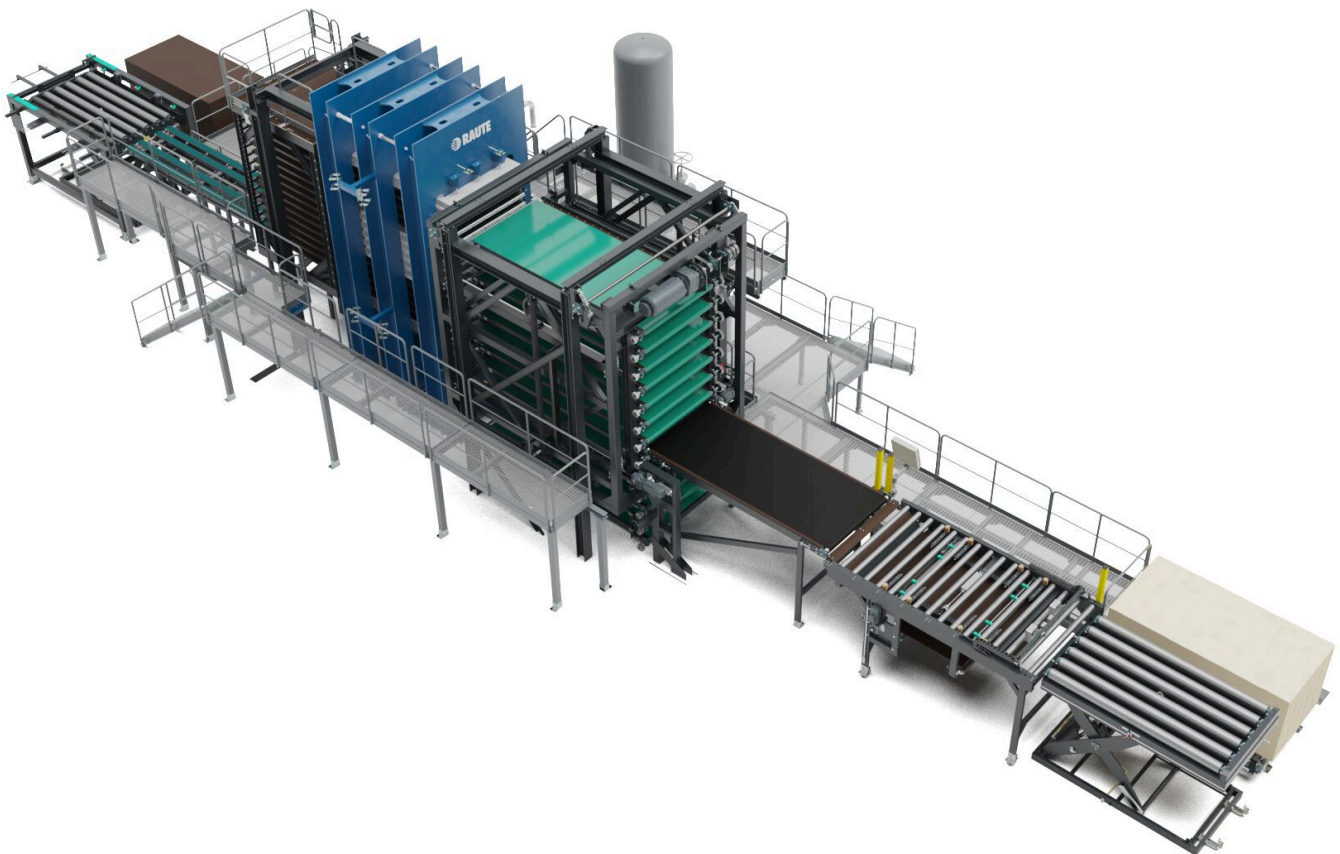




Multi-Daylight Panel Overlaying Line R5

COST-EFFICIENT PLYWOOD OVERLAYING FOR HIGH-CAPACITY COATING NEEDS



Multi-Daylight Panel Overlaying Line R5 – cost-efficiency for productive coating

When you are looking for an efficient plywood overlaying line for high-capacity coating, Raute Multi-Daylight Panel Overlaying Line R5 is your solution. Its semi-automatic overlaying technology brings cost-efficiency to high-capacity production, while the fully automated press control ensures the best possible end-product quality.

The multi-daylight R5 line's medium capacity film overlaying unit is equipped with up to 2 carriages for film rolls. You can select between manual or automatic panel feeding to the manual overlaying unit, depending on the desired number of operators.

The number of openings in the press is determined in accordance with your capacity goals. Press open time is minimized to ensure a smooth and even panel surface.

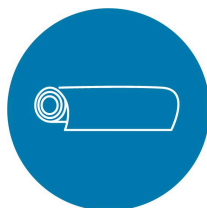
The line boosts your coating quality and capacity with automatic charging and discharging to the overlaying press and automatic stacking and base plate handling solutions. You can also use the charger for caul plate changing in the press, to make it more efficient to create different surface patterns in production.

When you want to upgrade your capacity and minimize trim waste, our experts will assist you in upgrading the line into a fully automated Raute Multi-Daylight Panel Overlaying Line R7. If your capacity need decreases, the R5 multi-daylight line is also suitable for producing plywood. Connecting to MillsIGHTS helps you keep track of usage rates and capacities.

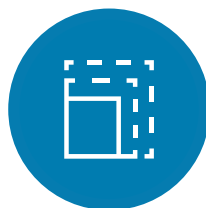
Key benefits



GOOD CAPACITY WITH
SHORT PRESS CYCLE
TIME - PRESS OPEN
TIME LESS THAN 60
SECONDS



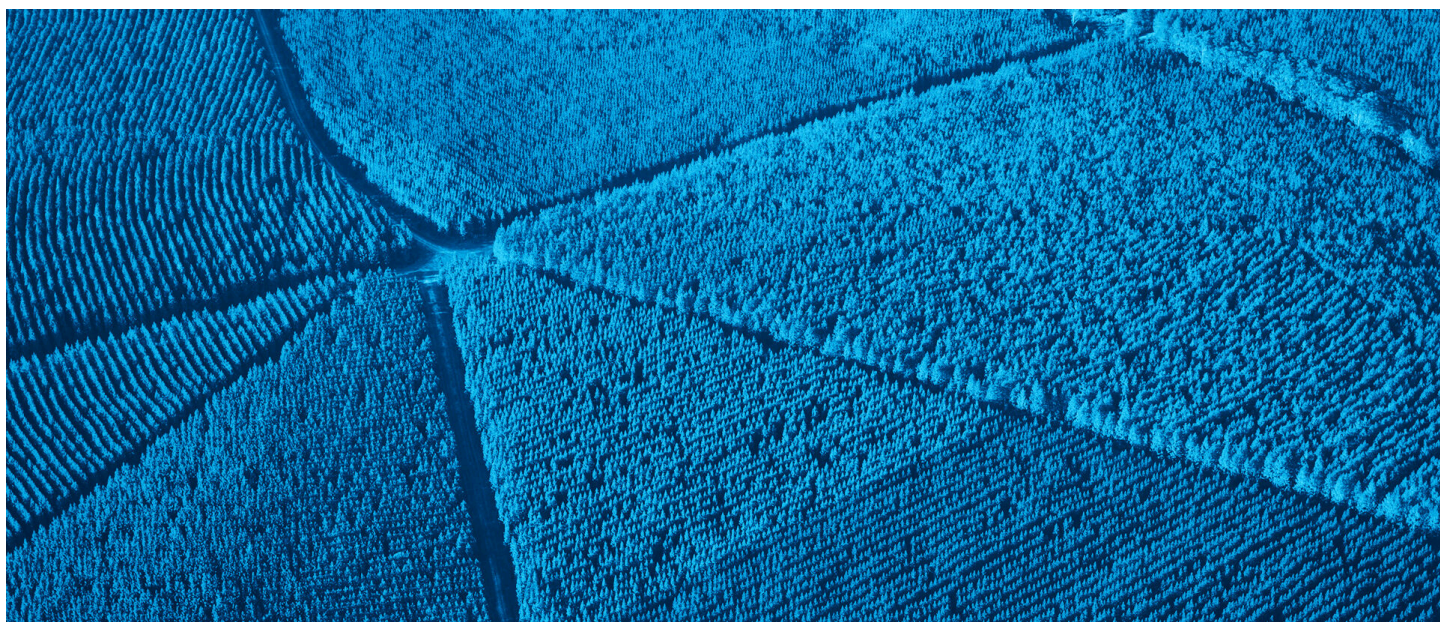
USE PHENOLIC,
MELAMINE, MDO ETC.
OVERLAY FILMS IN
ROLL OR SHEET FORM



SUITABLE FOR ALL
PANEL AND FILM
SIZES



STANDARDIZED PARTS
ENSURE SPARE PART
AVAILABILITY,
MAINTENANCE AND
SUPPORT AVAILABLE
24/7



Technical specifications

Operators on the Line	1-2
Installed power (kW)	200
Daylight No. (max)	16
Product Thickness Range (mm)	4-50
Press open-time (s)	45-60
Panel feeding	Automatic/Manual

Panel overlaying

Accurate panel overlaying minimizes trim waste and maximizes panel profit

Plywood and particle board panels can be coated with different overlay materials, like phenolic or melamine, to improve their physical properties and usability. Coated plywood panels are used, for example, in concrete formwork and transport vehicle constructions.

Panel overlaying can improve panel strength, abrasion and water absorption resistance, as well as resistance against liquids, chemicals, humidity, weather, and heat. It can also improve re-usability, anti-slip characteristics, visual appearance, and ease of cleaning.

Panel overlaying is done in the final stages of plywood manufacturing. Once the panels have been trimmed and sanded, they are coated with roll film or film sheets that give the end product its desired characteristics and decorative finishes. The panels are then pressed between hot platens, after which the sides and ends are trimmed and the panels stacked for delivery.

Overlaying is a delicate process. Its success starts with a high-quality panel, on which the film has to be well-positioned and quickly pressed to ensure a smooth surface and a high-quality outcome. With accurate overlaying, you minimize panel trim waste and maximize the profit of manufactured panels.

Raute panel overlaying technology has been used and developed at plywood mills across the world for decades, and the lines are proven to last up to 30 years in operation. All Raute multi-daylight and short cycle lines are integrated with safety equipment and easy-to-use operator interfaces for effortless everyday use.

The lines' modernizability and recyclability ensure a sustainable fit for your needs, while construction from standard parts ensures spare part availability. Should your demand or raw material quality change, our overlaying lines can also be used for plywood pressing. Connecting the lines to MillsIGHTS allows you to improve overlaying process performance and optimize manufacturing.



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Making Wood Matter