

Core Veneer Composing Line R7

**MAXIMIZE CORE VENEER RECOVERY
AND MINIMIZE WASTE**



Turn randoms into core veneer sheets to maximize recovery

The fully automated core veneer composing line allows you to maximize core veneer recovery and make the most of randoms. Raute's hot melt glue spots create strong, tight joints, and glue threads on both upper and lower side of the joint create an even stronger veneer mat by preventing composed edge random folding effect.

Decide what needs to be clipped in your production - leave minimal defects unclipped to keep more good quality veneer in the wood, reducing the amount of waste and maximizing the overall recovery of core veneer. Accurate scanning and clipping ensure a maximum amount of good quality wood remains after defect removal. Smallest random to be recovered is even 50 mm.

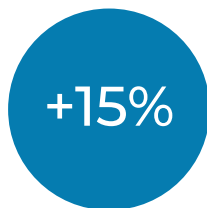
Automated lines with random feeders allow to operate two composer lines with one operator. Automatic process monitoring features, like glue string and jam-up monitoring, lubrication etc. ensure composed sheet quality and higher efficiency.

Select from a range of veneer feeding options for full sheets and randoms to suit your requirements.

Key benefits



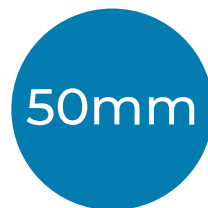
**ONLY ONE OPERATOR
NEEDED TO HANDLE
TWO LINES
SIMULTANEOUSLY**



**EVEN 15% MORE
RECOVERY THANKS TO
ACCURATE SCANNING
AND CLIPPING**



**THE TIGHTEST AND
STRONGEST JOINTS IN
THE WORLD**



**RECOVERY OF EVEN
AS NARROW AS 50MM
RANDOMS**



Technical specifications

	R7-5ft	R7-8ft
Veneer thickness (mm)	1,2 - 4,2	1,2 - 4,2
Operators on the Line	1	1
Installed power (kW)	55	55
Line Speed up to (m/min)	50	50
Capacity, (length meter/h)	435	435
Veneer Visual Analyzer R7 – Composing	●	●
Minimum random width (mm)	50	50
Composed sheet width (mm)	1000 - 4500	1300 - 3200

Core Veneer Composing

Intelligent core veneer composing makes the most of randoms

Compose randoms to core sheets for plywood production, instead of chipping them to pulp or energy. Joint small veneer pieces together in cross-grain direction to create wider veneer sheets and use these composed sheets inside the plywood panel as core sheets.

Raute core veneer composers glue both with glue strings and hot melt glue spots making sure no overlapping occurs in the veneer mat. As a result, the veneer sheets become strong both crosswise and lengthwise.

Raute analyzers allow minor defects to remain in the sheet, maximizing recovery with negative clipping and minimizing clipping trash. Our composing lines are excellent at spotting and clipping out minor rots inside wood that would go undetected by normal scanners.

Core Veneer Composing Line R5 improves recovery of core veneer with accurate scanning and clipping of wood defects. Core Veneer Composing Line R7 maximizes core veneer recovery and helps you make the most of randoms.



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Making Wood Matter