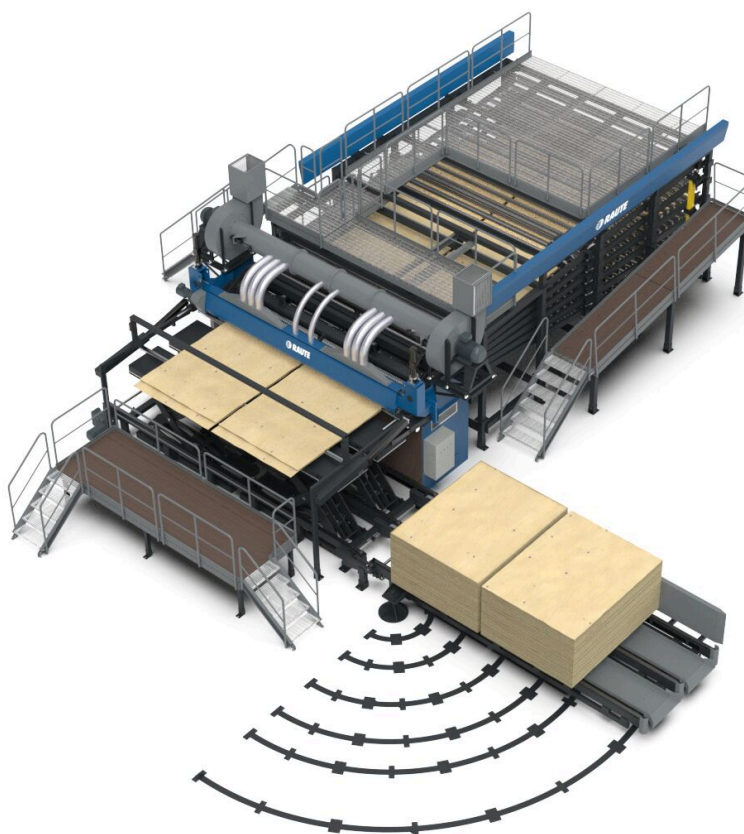


Dryer Infeed Feeder R7

**HIGH FEEDING CAPACITY WITH
MINIMAL LABOR AMOUNT**



Dryer Infeed Feeder R7 – Maximized capacity and quality

Raute Dryer Infeed Feeder R7 complements the most efficient and developed veneer drying line in the industry. You can equip your R7-Series infeed feeder with a random veneer feeding feature or choose a solution specially made for a thin veneer.

Dryer Infeed Feeder R7 has feeding capacity up to 24 feeds/min (5ft). R7-Series infeed feeder can be run fully automated. This infeed feeder is equipped with adjustable over-lapping possibility and HMI with versatile adjustments.

Raute dryer infeed feeder solutions are available for new or existing Raute drying lines as modernizations and for other manufacturers' drying lines.



Technical specifications

| | R7-5ft | R7-8ft | R7-Thin veneer |
|---------------------------------|------------------------------|--|--|
| Veneer thickness (mm) | 1,1 - 4,3 | 1,1 - 4,3 | 0,5 - 4,3 |
| Operators on the Line | 1 | 1 | 1 |
| Feeding speed (feeds/min) max | 24 | 20 | Depending on veneer length and thickness |
| Infeed roller drive | ● | ● | ● |
| Veneer feeder type | Electrical or hydraulic | Electrical or hydraulic | Electrical or hydraulic |
| Dryer width (mm) | 6200,4800 | 6200,4800 | 6400,6200,5800,4800 |
| Number of dryer decks | 1-6 | 1-6 | 1-6 |
| Suction box above veneer stacks | ● | ● | ● |
| Suction cup veneer pick-up | ● | ● | ● |
| Adjustable suction power | ● | ● | ● |
| Non-stop without base plate | 1 roll out of two electrical | 2/3 rolls, one or two rolls electrical | ● |
| Non-stop with base plate | ● | ● | ● |
| Random feeder | ● | ● | ● |
| Filtering station | ● | ● | ● |

Dryer infeed feeders

Dryer infeed feeders – efficient infeed maximizes the drying capacity

Dryer infeed has a role to play in securing a successful drying process. Doing dryer infeed automatically instead of manually increases not only capacity but minimizes the need for labor.

Adjustable feeder speed ensures the veneers are fed with the correct phase for maximal filling ratio and capacity. Infeed rollers align the veneer sheets for the dryer to ensure even drying quality.

When also random sheets can be utilized, better recovery is achieved for the whole production. Feeding random veneers into the dryer is more challenging than feeding full sheets. Usually, random veneers are fed into the dryer from separate stacks. With the random veneer feeder, veneer stacks can contain both full sheets and random sheets, and stacks can still be fed to the dryer automatically.

To maximize the dryer capacity, it is also possible to feed overlapping sheets to improve the dryer filling ratio. As veneer sheets dry fastest from the ends, with overlapping it is also possible to limit the ends from drying too fast and cracking. Thus, with overlapping, we can also improve the veneer quality.

All Raute Dryer Infeed Feeders are equipped with versatile adjustments and adjustable over-lapping possibility and user interface (HMI). In addition, our R7-Series dryer infeed has an option for random veneer feeding and a solution for a thin veneer. Raute dryer infeed feeders come in all series (R3, R5, R7).

Raute dryer infeed solutions are available for new or existing Raute drying lines as modernizations and also for other manufacturers' drying lines.



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