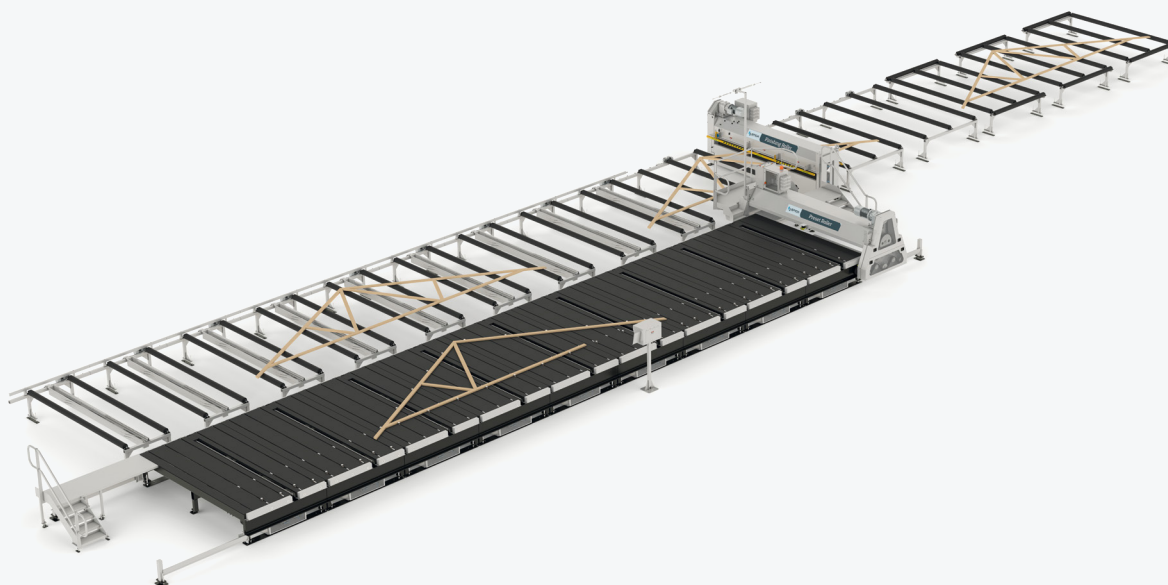




Roller Plant

SPECIFICATIONS

These specifications are for a Roller Plant with 9 tables.

Overall length, width, height	42750 x 9481 x 4334mm
Max automated puck opening	3680mm
Table height	4000mm
Max truss length	20250mm
Min/Max timber height	35 – 90mm
Working height	802mm
Machine mass	43000kg
Jigging slot spacing (1 bobbin per slot)	450mm
Electrical requirement	
Tables	400V 63A 3Ph + Neutral & Earth
Preset Roller (single)	400V 16A 3Ph + Neutral & Earth
Finishing Roller	400V 32A 3Ph + Neutral & Earth (24 driven rollers)
Air requirement	160L/min avg. 250L/min Peak @ 6.9 Bar

* Specifications shown reflect a typical configuration. Machine design, layout and features may vary depending on final configuration and customer requirements. Details will be confirmed at the time of order.

OVERVIEW

The Roller Plant - Side Eject is used in the assembly of timber roof trusses. Precut timber components are placed into the jigging along with nailplates, the Preset Roller travels down the length of the truss, rolling the nailplates into the precut timber components creating a truss. The truss is then ejected onto the receivers and through to the Finishing Roller, fully embedding the nailplates.

The Roller Plant system streamlines the assembly of timber roof trusses - combining technology, precision and efficiency to produce high quality trusses.

FEATURES

- Truss jigging included:
 - Jigging bobbins (2 per table)
 - Adjustable heel jigs (2 per operator station)
 - Apex jig (1 per operator station)
 - Vertical upright jig (1 per operator station)
 - Magnetic stops (4 per operator station)
- Safety scanners
- Transfer rollers
- Ejection system
- Preset Roller and Finishing Roller
- Heavy duty construction
- Compatible with wide range of standard industry data exports

OPTIONS

- Automated or manual jigging
- Laser projection
- Configurable length by adding or reducing tables
- 1, 2, 3 or more Preset Rollers (normally dependent on table length)
- 1 or multiple operator interfaces for automated jigging
- Configurable outfeed length
- Roof Truss Horizontal Stacker

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