

# FRAMECAD® P325iT



## Leading Innovation

FRAMECAD® has created the world's most efficient design and manufacturing technology for modular & pod construction as well as steel trusses. The P325iT system is the intelligent solution for organisations desiring to deliver large scale production and projects. It uses FRAMECAD® patented technology to give a smart lean design, engineering and fabrication process.

## Advanced Computer Aided Engineering

The FRAMECAD® system integrates with BIM Design software including REVIT and TEKLA. Intelligence built into FRAMECAD® Structure software enables value engineered design to maximise both profitability and robust buildings.



## The P325iT Manufacturing System offers:

- The P325iT produces wall frames and trusses for modular and residential buildings quickly and economically.
- Automated high line speed up to 2880m/hr results in the industry's best framing and truss manufacturing output.
- 12 advanced precision punching functions for high productivity and versatile components production such as roof trusses, walls and floor joists\*.
- An auto gauging system that automatically adjusts gauge range to increase overall productivity and quality.
- Hot climate hydraulic cooling system to perform in high temperature operating environments and large scale production facilities.
- Smart Internet connectivity provides cloud-based data reporting to enable real time production management and technical diagnostics to improve efficiency.
- Qualified global technical support & training expertise.

## P325iT System Specifications

Description	FRAMECAD® Frame & Truss Plant
Number of Profiles	1 x C and 1 x U
Profile Width (Web)	Range 40 - 63mm (1.625"-2.5") & 40mm or 1.625" standard
Profile Height (Flange)	Range 34 - 40mm - 40/37 Boxable Section standard
Material Thickness	0.55 - 1.2mm (24 - 18 gauge)
Roll Forming Stations	13 Auto Gauging stations & 3 further forming stations
Punching Stations	12 Punching Stations
Standard Tooling*	Service Hole, Web Bolt Hole, Dimple, Web Notch, Chamfer, Lip Cut, Flange Holes (left & right), Swage, Shear. (options to add Flange cut left and right)*
Max Line Speed	2,880m/hr (9,950ft/hr)
Typical Production Speed (actual dependent on framing design)	Joists: 300 m/hr (985 ft/hr) Walls: 700 m/hr (2,300 ft/hr)

Design Software Options	FRAMECAD® Structure and FRAMECAD® Detailer
Machine Control Software	FRAMECAD® Factory 2
Main Drive Power	7.5kW (10hp)
Hydraulic Power	5.5kW (7.4hp)
Hydraulic Reservoir	80L (17 imp gal)
Ambient Temperature	0-40°
Width	800mm (2.65')
Length	4,000mm (13.12')
Height - to top of covers	1200mm (3.95')
Approx Weight	1,820kg (4,012lb)
Mains Power Supply	400VAC, 25A
Printer	2 Printer Heads
User Interface and Connectivity	21.5" Touch Screen enabled with Mobile, Wi-Fi & LAN internet connectivity
Decoiler Capacity	3,000kg (6,600lb) powered decoiler

\*Subject to customer System specification. Due to FRAMECAD®'s ongoing innovation, system specification may change.

For more information, details or a quote, please contact us at: [framecad.com/contact-us](http://framecad.com/contact-us)