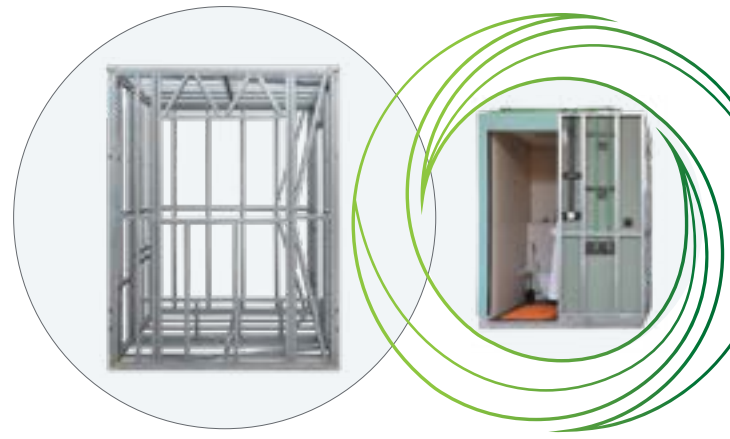


FRAMECAD® P325iT



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 9,450ft/hr (2,880m/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 1½ - 2½" (40 - 63mm) & 1½" or 40mm standard
Profile Height (Flange)	Range 1½ - 2" or 34 - 50mm (Boxable Section recommended)
Material Thickness	24 - 18 gauge or 0.55 - 1.2mm
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	9,450ft/hr (2,880m/hr)
Typical Production Speed (actual dependent on framing design)	Joists: 985 ft/hr (300 m/hr) Walls: 2,300 ft/hr (700 m/hr)

Design Software Options	FRAMECAD® Structure and FRAMECAD® Detailer
Machine Control Software	FRAMECAD® Factory 2
Main Drive Power	10hp (7.5kW)
Hydraulic Power	7.4hp (5.5kW)
Hydraulic Reservoir	17 imp gal (80L)
Ambient Temperature	0-40°
Width	2.65' (800mm)
Length	13.12' (4,000mm)
Height - to top of covers	3.95' (1,200mm)
Approx Weight	4,012lb (1,820kg)
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	6,600lb (3,000kg) 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