

FRAMECAD® F325iT-L



Leading Innovation

FRAMECAD has created the world's most efficient design and manufacturing technology for steel trusses and frames. The F325iT-L System is the intelligent choice for organisations desiring to deliver large scale production and projects. It is fully optimised using patented technology, to give a smart lean production 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 F325iT-L Manufacturing System offers:

- The F325iT-L produces wall frames, trusses and joists for residential and light commercial building quickly and economically.
- High line speed up to 9,450ft/hr (2,880m/hr) results in the industry's best framing and truss manufacturing output.
- Up to 20 advanced precision punching functions for the highest productivity and versatility for the production of roof trusses, walls and floor joists.
- An autogauging system that automatically adjusts gauge range to increase overall productivity for steel thickness from 24-18 gauge (0.55 - 1.2mm).
- Includes hot climate hydraulic cooling system for high temperature operating environments.
- Smart Internet connectivity provides cloud-based data reporting to enable real time production management and technical diagnostics to improve efficiency.
- Qualified international technical support & training experts.

F325iT-L System Specifications

Description	FRAMECAD Frame & Truss Plant
Number of Profiles	1 x C & 1 x U
Profile Width (Web)	Range 2½-6" (63-150mm)
Profile Height (Flange)	Range 1½ - 2" or 34 - 50mm (Boxable Section recommended)
Material Thickness	24-18 gauge (0.55 - 1.2mm)
Roll Forming Stations	13 Auto Gauging stations & 3 further forming stations
Tooling Stations	15 Frame and Truss Punching Stations (with the option of 5 more 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 plus additional Web and Flange Punch tools)
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' (1200mm)
Approx Weight	4,343lb (1,970kg)
Mains Power Supply	400VAC, 25A
User Interface	21.5" Touch Screen
Decoiler Capacity	6,600lb (3,000kg) powered decoiler
Printer	2 Printer Heads

*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](https://www.framecad.com/contact-us)