




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 organizations desiring to deliver large scale production and projects. It is fully optimized 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 maximize 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 9,950ft/hr results in the industry's best framing and truss manufacturing output.
- 15 advanced hydraulic and punching functions for high productivity and versatile components production such as 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.
- 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 and 1 x U
Profile Width (Web)	Range 2.5"-6" (3.625" standard)
Profile Height (Flange)	Range 1.375"-2" - 1.6"/1.5" Boxable Section standard
Material Thickness	24-18 gauge
Roll Forming Stations	13 Auto Gauging stations
Tooling Stations	15 Frame and Truss tooling 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	9,950ft/hr
Typical Production Speed (actual dependent on framing design)	Joists: 985 ft/hr Walls: 2,300 ft/hr
Printer	2 Printer Heads

Design Software Options	FRAMECAD® Structure and FRAMECAD® Detailer
Machine Control Software	FRAMECAD® Factory 2
Main Drive Power	10hp
Hydraulic Power	7.4hp
Hydraulic Reservoir	17 imp gal
Ambient Temperature	32-104°F
Width	2.65'
Length	12.15'
Height - to top of covers	3.95'
Approx Weight	4,343lb
Mains Power Supply	400VAC, 25A
User Interface	21.5" Touch Screen
Decoiler Capacity	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