



Leading Innovation

FRAMECAD® has created the world's most efficient design and manufacturing technology for steel trusses and frames. The TM300iT system is the intelligent solution for organizations 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 and know how built into FRAMECAD® Structure design software enables value engineered design to maximize both profitability and robust building techniques. FRAMECAD® has proven to be the most cost efficient way to be in the steel frame industry.

The TM300iT Manufacturing System offers:

- The TM300iT produces roof trusses for all types of residential and commercial building quickly and economically.
- Automated high line speed up to 9,950ft/hr results in the industry's best automated framing and truss manufacturing output.
- 4 advanced precision punching functions for high productivity and versatile components production.
- An auto gauging system that automatically adjusts gauge range to increase overall productivity and quality.
- Hot 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.

TM300iT System Specifications

Description	FRAMECAD® Truss Plant
Number of Profiles	1 x C
Profile Width (Web)	3" Optimized, Other profiles available on request
Profile Height (Flange)	Range 1.18"-2.05" - 32/30 Boxable Section Standard
Material Thickness	24 - 18 gauge
Roll Forming Stations	13 Auto Gauging stations & 3 further forming stations
Punching Stations	5 Punching Stations
Standard Tooling*	Web Bolt Hole, Flange Cut (left & right), Swage, Shear
Max Line Speed	9,950ft/hr
Typical Production Speed (actual dependent on framing design)	984 - 2,297ft/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	4,012lb
Mains Power Supply	400VAC, 25A
User Interface and Connectivity	21.5" Touch Screen enabled with Mobile, Wi-Fi & LAN Internet connectivity
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