FRAMECAD® ST925iT

Leading Innovation

FRAMECAD© has created the world's most efficient design and manufacturing technology frame, truss and joist construction as well as modular construction.

The ST925iT 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© 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 ST925iT Manufacturing System offers:

- The ST925iT is an ideal solution for multi-profile construction projects for mid-rise commercial and residential buildings. Able to manufacture from 20 - 14 gauge or 0.95 - 2.0mm, it is ideal for manufacturing wall frames, wide spanning roof trusses or long spanning floor joists.
- Automated high line speed up to 5,400 ft/hr (1,680 m/hr) results in highly efficient framing and truss manufacturing output.
- 10 advanced precision punching functions for high productivity and versatile components production such as roof trusses, walls and floor joists.
- A simple and intuitive gauging system allows for quick change of gauges between 20 - 14 gauge (0.95 - 2.0 mm) steel.
- The ST925iT comes as standard with an automated servo driven raft to quickly and easily change profiles.
- 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.

ST925iT System Specifications

Description	FRAMECAD© Multi Profile Equipment
Number of Profiles	4 x C & 4 x U
Profile Width (Web)	Range 3 ½ - 12" or 89 - 305 mm
Profile Height (Flange)	Between 1⅛ - 2" or 35 - 52 mm
Material Thickness	20 - 14 gauge or 0.95 - 2.0 mm
Roll Forming Stations	13 Adjustable stations
Punching Stations	10 Frame and Truss Punching Stations
Standard Tooling*	Service Hole, Web Bolt Hole, Dimple, Web Notch, Chamfer, Lip Cut, Flange Cut (left & right), Swage and Shear.
Max Line Speed	5,400 ft./hr (1,680 m/hr)
Printer	2 Printer Heads
Typical Production Speed (actual dependent on framing design)	985ft/hr - 1,970ft/hr (300m/hr - 600m/hr)

Design Software Options	FRAMECAD© Structure and FRAMECAD© Detailer
Machine Control Software	FRAMECAD© Factory 2
Main Drive Power	18.2 hp (13.6 kW)
Hydraulic Power	20 hp (15 kW)
Hydraulic Reservoir	66 gal (250 L)
Ambient Temperature	0-40°
Width	5.74' (1,750 mm)
Length	29.86' (9,100 mm)
Height - to top of covers	7.22' (2,200 mm)
Approx Weight	22,050 lb (10,000 kg)
Mains Power Supply	380 - 480 V, 80 A
User Interface and Connectivity	21.5" touch screen enabled with Mobile, WiFi & LAN internet connectivity.
Decoiler Capacity	6,600 lb (3,000 kg) powered Decoiler with heavy duty upgrade

*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