

FRAMECAD® ST800iT

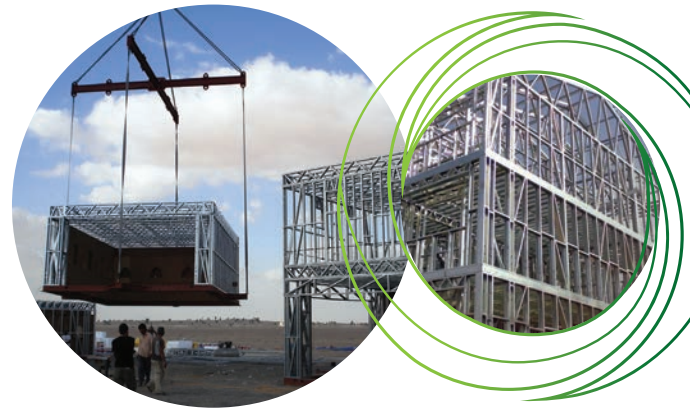


Leading Innovation

FRAMECAD® has created the world's most efficient design and manufacturing technology. The ST800iT system is 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 and know how built into FRAMECAD® Structure design software enables value engineered design to maximise both profitability and robust building techniques. FRAMECAD® has proven to be the most cost efficient way to be in the steel frame industry.



The ST800iT Manufacturing System offers:

- The ST800iT is the perfect solution for multi profile construction methods (stud & track) for mid-rise residential and light commercial buildings. A flexible building system with up to four profiles which enables a wide range of construction options.
- Automated high line speed up to 1,680m/hr results in highly efficient framing and truss manufacturing output.
- 5 advanced precision punching functions for high productivity and versatile components production.
- A simple and intuitive gauging system allows for quick change of gauges between 0.70 - 1.6mm (22 - 16 gauge) steel.
- 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.

ST800iT System Specifications

Description	FRAMECAD® Multi Profile Equipment
Number of Profiles	4 x C & 4 x U
Profile Width (Web)	Range 89 - 203mm (3.5" - 8") with up to 4 to be selected
Profile Height (Flange)	3 standard - 41 / 51 / 63mm (1.63 / 2 / 2.5")
Material Thickness	0.70 - 1.6mm (22 - 16 gauge)
Roll Forming Stations	11 Adjustable stations
Punching Stations	5 Frame and Truss Punching Stations
Standard Tooling*	Service Hole, Web Notch, Bolt Hole, Dimple, Shear
Max Line Speed	1,680m/hr (5,400 ft./hr)
Printer	2 Printer Heads
Typical Production Speed (actual dependent on framing design)	250 - 550m/hr

Design Software Options	FRAMECAD® Structure and FRAMECAD® Detailer
Machine Control Software	FRAMECAD® Factory 2
Main Drive Power	11kW (15hp)
Hydraulic Power	7.5kW (10hp)
Hydraulic Reservoir	80L (17 imp gal)
Ambient Temperature	0-40°
Width	0.85m (2.79')
Length	4.25m (13.94')
Height - to top of covers	1.30m (4.27')
Approx Weight	1,900kg (4,190lbs)
Mains Power Supply	400VAC, 25A
User Interface and Connectivity	21.5" Touch Screen enabled with Mobile, Wi-Fi & LAN internet connectivity
Decoiler Capacity	3,000kg (6,600lb) 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