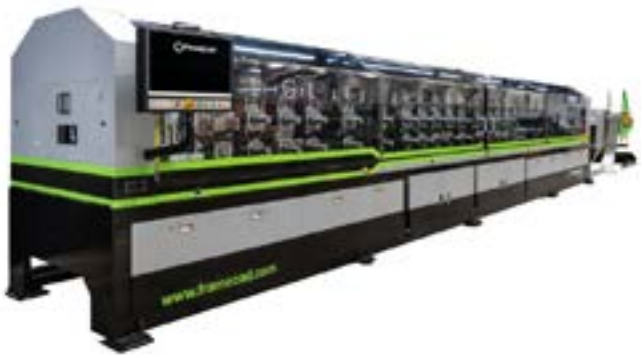
FRAMECAD® ST950H



Leading Innovation

FRAMECAD has created the world's most efficient design and manufacturing technology. The ST950H 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 ST950H Manufacturing System offers:

- The ST950H is an ideal solution for multi profile construction projects for industrial, commercial, and residential buildings. With a heavy duty gauge capacity up to 97mils or 2.5mm, it's ideal for manufacturing load bearing wall frames, long span trusses & joists.
- Automated high line speed up to 5,400ft/hr (1,680m/hr) results in the industry's best framing and truss manufacturing output.
- Up to 15 advanced precision punching functions for high productivity and versatile components production.
- Dynamic punch tools provide unlimited connection options for design flexibility.
- A simple and intuitive gauging system allows for quick change of gauges between 18 - 12 gauge or 43 - 97 mils (1.15 - 2.5mm).
- ST950H comes as standard with an automated servo driven raft to quickly and easily change web width, flange height and automatically adjust the tooling to match the new profile.
- Smart Internet connectivity provides cloud-based data reporting to enable real time production management and technical diagnostics to improve efficiency.

ST950H System Specifications

Description	FRAMECAD Multi Profile Equipment
Number of Profiles	4 C & U profiles available upon request
Profile Width (Web)	Range 3.5 -12" (89 - 305mm) dependent on exact machine specification
Profile Height (Flange)	1.5 - 2.5" or 38 - 63mm (option to go up to 3½" or 89mm)
Material Thickness	18 - 12 gauge or 43 - 97 mils (1.15 - 2.5mm)
Roll Forming Stations	20 Adjustable stations
Punching Stations	Up to 15 Frame, Joist and Truss Punching Stations
Standard Tooling*	Service Hole, Web Bolt Hole, Flange Hole Dimple, Web Notch, Chamfer, Lip Cut, Flange Cut (left & right), Swage, Shear, Pre Shear, Slot (Option to add 3 other tools)
Max Line Speed	5,400ft/hr (1,680m/hr)
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	30.8 HP (23kW)
Hydraulic Power	13.5 HP (10kW)
Hydraulic Reservoir	66 gal (250L)
Ambient Temperature	0-40°
Length	32.8ft (10.0m)
Width	5.09ft (1.55m)
Height - to top of covers	6.73ft (2.05m)
Approx Weight	28,660lb (13,000kg)
Mains Power Supply	380 – 480V
Printer	2 Printer Heads
User Interface and Connectivity	21.5" Touch Screen enabled with Mobile, Wi-Fi & LAN internet connectivity.
Decoiler Capacity	11,000lb (5,000kg) heavy duty 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