



### Leading Innovation

FRAMECAD® has created the world’s most efficient design and manufacturing technology for modular and pod construction as well as steel trusses. The ST950H system is the intelligent solution 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 97 mils (2.5 mm), it’s 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 the industry’s best framing and truss manufacturing output.
- 15 advanced precision punching functions for high productivity and versatile components production.
- A simple and intuitive gauging system allows for quick change of gauges between 18 - 12 gauge steel (1.15 - 2.5 mm).
- 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.
- Qualified global technical support and training expertise.

### ST950H System Specifications

Description	FRAMECAD® Multi Profile Equipment
Number of Profiles	4 C & U profiles
Profile Width (Web)	Range 6 -12" (150 - 305 mm)
Profile Height (Flange)	1.5 - 2.5" or 38 - 63 mm (option to go up to 3½" or 89 mm)
Material Thickness	18 - 12 gauge or 43 - 97 mils (1.15 - 2.5 mm)
Roll Forming Stations	20 adjustable stations
Punching Stations	15 Frame, Joist and Truss punching stations (option of 2 more)
Standard Tooling*	Service Hole, Web Bolt Hole, Flange Hole, Dimple, Web Notch, Chamfer, Lip Cut, Flange Cut (left & right), Swage, Shear (option to add 2 other tools)
Max. Line Speed	5,400 ft/hr (1,680 m/hr)
Typical Production Speed (actual dependent on framing design)	985 - 1,970 ft/hr (300 - 600 m/hr)

Design Software Options	FRAMECAD® Structure and FRAMECAD® Detailer
Machine Control Software	FRAMECAD® Factory 2
Main Drive Power	56.3 HP (42 kW)
Hydraulic Power	20 HP (15 kW)
Hydraulic Reservoir	66 gal (250 L)
Ambient Temperature	0 - 40°
Length	38.81 ft (11.83 m)
Width	5.74 ft (1.75 m)
Height (to top of covers)	7.71 ft (2.35 m)
Weight (approx.)	42,110 lb (19,100 kg)
Mains Power Supply	380 – 480 V (120 A)
Printer	2 printer heads
User Interface and Connectivity	21.5" touch screen enabled with mobile, Wi-Fi & LAN internet connectivity.
Decoiler Capacity	11,000 lb (5,000 kg) heavy duty powered decoiler

\*Subject to customer system specifications. Due to FRAMECAD®’s ongoing innovation, system specifications may change.

For more information, details or a quote, please contact us at: [framecad.com/contact-us](https://framecad.com/contact-us)