ST950H System Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>FRAMECAD Multi Profile Equipment</th>
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<tbody>
<tr>
<td>Number of Profiles</td>
<td>4 C &amp; U profiles available upon request</td>
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<tr>
<td>Profile Width (Web)</td>
<td>Range 3.5 - 12&quot; (89 - 305mm) dependent on exact machine specification</td>
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<tr>
<td>Profile Height (Flange)</td>
<td>1.5 - 2.5&quot; or 38 - 63mm (option to go up to 3½&quot; or 89mm)</td>
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<tr>
<td>Material Thickness</td>
<td>18 - 12 gauge or 43 - 97 mils (1.15 - 2.5mm)</td>
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<tr>
<td>Roll Forming Stations</td>
<td>20 Adjustable stations</td>
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<tr>
<td>Punching Stations</td>
<td>Up to 15 Frame, Joist and Truss Punching Stations</td>
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<tr>
<td>Standard Tooling*</td>
<td>Service Hole, Web Bolt Hole, Flange Hole Dimple, Web Notch, Chamfer, Lip Cut, Flange Cut (left &amp; right), Swage, Shear, Pre Shear, Slot (Option to add 3 other tools)</td>
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<tr>
<td>Max Line Speed</td>
<td>4,430ft/hr (1,350m/hr)</td>
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<tr>
<td>Typical Production Speed (actual dependent on framing design)</td>
<td>985ft/hr - 1,970ft/hr (300m/hr - 600m/hr)</td>
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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

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 4,430ft/hr (1,350m/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.

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.

For more information, details or a quote, please contact us at: framecad.com/contact-us