Leading Innovation
FRAMECAD® has created the world’s most efficient design and manufacturing technology for modular & pod construction as well as steel trusses. The P325iT system is the intelligent solution for organisations desire 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 built into FRAMECAD® Structure software enables value engineered design to maximise both profitability and robust buildings.

The P325iT Manufacturing System offers:

• The P325iT produces wall frames and trusses for modular and residential buildings quickly and economically.
• Automated high line speed up to 2880m/hr results in the industry’s best framing and truss manufacturing output.
• 12 advanced precision punching functions for high productivity and versatile components production such as roof trusses, walls and floor joists*.
• An auto gauging system that automatically adjusts gauge range to increase overall productivity and quality.
• 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.

P325iT System Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>FRAMECAD® Frame &amp; Truss Plant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Profiles</td>
<td>1 x C and 1 x U</td>
</tr>
<tr>
<td>Profile Width (Web)</td>
<td>Range 40 - 63mm (1.625”-2.5”) &amp; 40mm or 1.625” standard</td>
</tr>
<tr>
<td>Profile Height (Flange)</td>
<td>Range 34 - 40mm - 40/37 Boxable Section standard</td>
</tr>
<tr>
<td>Material Thickness</td>
<td>0.55 – 1.2mm (24 - 18 gauge)</td>
</tr>
<tr>
<td>Roll Forming Stations</td>
<td>13 Auto Gauging stations &amp; 3 further forming stations</td>
</tr>
<tr>
<td>Punching Stations</td>
<td>12 Punching Stations</td>
</tr>
<tr>
<td>Standard Tooling*</td>
<td>Service Hole, Web Bolt Hole, Dimple, Web Notch, Chamfer, Lip Cut, Flange Holes (left &amp; right), Swage, Shear (options to add Flange cut left and right)*</td>
</tr>
<tr>
<td>Max Line Speed</td>
<td>2,880m/hr (9.950ft/hr)</td>
</tr>
<tr>
<td>Typical Production Speed</td>
<td>Joists: 300 m/hr (985 ft/hr) Walls: 700 m/hr (2,300 ft/hr)</td>
</tr>
</tbody>
</table>

Design Software Options

- FRAMECAD® Structure and FRAMECAD® Detailer
- FRAMECAD® Factory 2
- 7.5kW (10hp)
- 5.5kW (7.4hp)
- 80L (17 imp gal)
- 0-40°
- 800mm (2.65’)
- 4,000mm (13.12’)
- 1200mm (3.95’)
- 1,820kg (4,012lb)
- 400VAC, 25A
- 2 Printer Heads
- 21.5” Touch Screen enabled with Mobile, Wi-Fi & LAN internet connectivity
- 3,000kg (6,600lb) 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

The way the world constructs

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