

# FRAMECAD® ST800iT

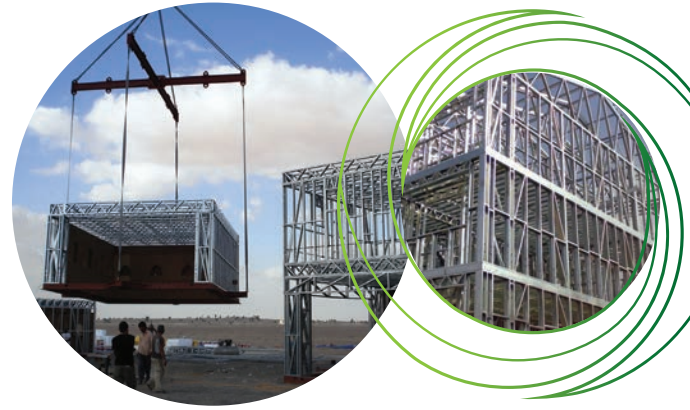


## Leading Innovation

FRAMECAD® has created the world's most efficient design and manufacturing technology. The ST800iT system is for organizations 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 maximize 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 5,400 ft./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 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 3.5" - 8" with up to 4 to be selected       |
| Profile Height (Flange)                                       | 3 standard - 1.6.25/ 2 / 2.5"                     |
| Material Thickness  | 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  | 5,400 ft./hr                                      |
| Printer   | 2 Printer Heads                                   |
| Typical Production Speed (actual dependent on framing design) | 800 - 1,800ft./hr                                 |

|                                 |   |
|---------------------------------|---|
| Design Software Options         | FRAMECAD® Structure and FRAMECAD® Detailer                                |
| Machine Control Software        | FRAMECAD® Factory 2   |
| Main Drive Power                | 15hp  |
| Hydraulic Power                 | 10hp  |
| Hydraulic Reservoir             | 17 imp gal  |
| Ambient Temperature             | 32-104°F  |
| Width                           | 2.79'   |
| Length                          | 13.94'  |
| Height - to top of covers       | 4.27'   |
| Approx Weight                   | 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               | 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](http://framecad.com/contact-us)