

# FRAMECAD® PEB300



## Leading Innovation

FRAMECAD® has created the world's most efficient design and manufacturing technology for PEB and portal framed buildings. The PEB300 system is the intelligent solution 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 PEB300 Manufacturing System offers:

- The PEB300 produces frames for Portal buildings and purlins. As a result this is an ideal solution for building PEB buildings such as warehouses and commercial buildings.
- Automated high line speed up to 8,850ft./hr results in industry leading output and with a typical production output of 1,640ft./hr.
- Up to 9 advanced precision punching functions for high productivity in production of wall, floor and roof frames.
- A simple and intuitive gauging system allows for quick change of gauges between 18 - 11 gauge steel.
- The PEB is integrated with FRAMECAD® Structure which enables customers to use FRAMECAD®'s world leading drafting software to easily design PEB and portal framed buildings.
- With the ability to produce C / U / Z and Sigma profiles the PEB300 provides a truly flexible way to design and manufacture PEB and portal framed buildings.
- Qualified global technical support & training expertise.

## PEB300 System Specifications

Description	FRAMECAD® Portal & Purlin Equipment
Number of Profiles	100+ C, U, & Z & profiles available with Sigma profile also available upon request
Profile Width (Web)	Range 3 - 12"
Profile Height (Flange)	Range 1.6 - 3.9"
Material Thickness	18 - 11 gauge
Roll Forming Stations	39 adjustable stations
Punching Stations	9 Punching stations: 4 dynamic punches, 3 static punches, pre-cut shear and shear
Standard Tooling*	Dynamic tooling: 0.08" x 0.71" x 0.87" bolt hole, 0.08" x 0.71" bolt hole, 0.08" x 0.55" bolt hole, 0.08" x 0.16" bolt hole. Static tooling: Service hole, pre shear, shear. (Additional tooling available upon request)
Max Line Speed	8,850ft./hr
Typical Production Speed (actual dependent on framing design)	1,640ft./hr

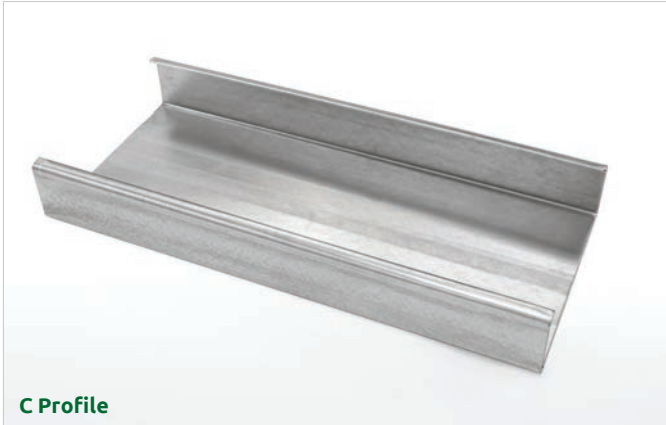
Design Software Options	FRAMECAD® Structure
Machine Control Software	FRAMECAD® Factory 2
Main Drive Power	30hp
Hydraulic Power	20hp
Hydraulic Reservoir	88 imp gal
Ambient Temperature	32-104°F
Width	16'
Length	70'
Height - to top of covers	5.9'
Approx Weight	26 tonnes
Mains Power Supply	400VAC, 25A
Printer	1 Printer Head
User Interface and Connectivity	15" Touch Screen
Decoiler Capacity	11,000lb 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](http://framecad.com/contact-us)



**Possible Profiles With PEB300**



**C Profile**



**C Profile With Bolt And Service Holes**



**Z Profile With Bolt And Service Holes**



**Sigma Profile With Bolt And Service Holes**

**Possible Designs With PEB300**

