AUTOMATION

Bottom Chord Press

SIGNIFICANTLY INCREASE TRUSS PRESSING SPEED ON ANY FLO-THRU JIG QUICKLY, SAFELY, AND SIMPLY

The Bottom Chord Press consists of a C-Frame press head mounted onto a carriage. This travels manually between the pressing points of the truss bottom chord set up on a Flo-thru Jig and Kwikset Jig.

The bottom chord press works along-side a standard Portal or Gantry press system, where the existing press head is used to press top chord nail-plates. This halves the pressing time of each truss, significantly increasing production.

Designed to work fast, this press is very safe and simple. It is suitable for trusses with a straight bottom chord, with a span of approximately 20m and can be supplied with a new press and Flo-Jig system or installed in an existing system.

FEATURES

- Suits most Flo-thru jig systems - eg. MiTek standard or Kwikset jig system
- Works in conjunction with a standard Portal or Gantry Press system
- Improves pressing time by approximately 50%
- Large platen size for precise pressing of nail plates of varying sizes
- Presses top and bottom nail plates simultaneously

- Safe:
  - two-handed push-button operation
  - counterweighted frame keeps press balanced when extended

- Suspension spring prevents press head from tilting during pressing operation
- Compact unit - hydraulic power pack and electrical box incorporated into the carriage
- Low profile rails
- Minimal maintenance required

PHYSICAL DATA

Overall Weight	~510kg
Overall dimensions (W x H x D)	1500 x 1100 x 2100mm (L x W x H)
Platen Size (Top & Bottom, W x D)	310 x 180mm
Rail Length	18m

ELECTRICAL DATA

Power Requirements	415V, 3-phase & neutral, 25A

PERFORMANCE DATA

Press capacity	30T
Platen opening Height	200mm
Traverse travel speed	26m/min (approx)

CONFIGURATION

Setup and movement	C-Frame press head mounted on travelling carriage. Press head has an in and out motion relative to the carriage. The carriage moves laterally in relation to the truss bottom chord along rails
Floor	Must be mounted on a concrete floor that is level or nearly level
Compatibility	Suits most Flo-thru jigs, including MiTek standard and Kwikset jig.

OPTIONS

- 45T capacity press
- Rail length - to suit truss

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