

EASYSET MULTI-HEAD JACK-JIG



ADVANTAGES

- *Fast and efficient manufacture of hip and jack trusses.*
- *Small area required for installation and set up.*
- *Retracting press head.*
- *Camber adjustment on each press head.*
- *Pneumatic timber clamps.*
- *Simple and safe operation.*
- *Safety pressing cycle.*
- *Automated plate feed.*

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EASYSET MULTI-HEAD JACK-JIG

Description:

The Easyset Multi-head Jack-jig has been designed specifically for the fast manufacture of hip and jack trusses. This machine incorporates several features which provide an advantage over production of similar trusses using table presses or drop hammers.

A specially designed jig is used incorporating a fixed bottom chord rail and top chord rail that is adjusted in a few seconds to the pitch and span of the truss. This ensures that all trusses in a job are speedily setup up and retain the same shape. Multiple C-frame press heads can be positioned as required anywhere along the jig rails enabling all nail plates at every panel point to be pressed simultaneously. Operators are not required to handle nail plates during the truss setup and pressing processes. Nail plate cartridges and feeding system are used to automatically position nail plates on the press platens in readiness for the next press.

Features:

- Fast set-up
 - easily adjustable jig rails,
 - automatic nail plate feeding of press platens,
 - sliding angle & timber rest tooling rests against truss members.
- Fast pressing time - press head at each panel point.
- Very fast cycle time.
- Less floor space required than for table press - jig setup and pressing occur in the same area.
- Retracting press heads for easy truss setup and handling of trusses following pressing.
- Pneumatic locking of press head position on rails.
- Camber adjustment on each press head.
- Pneumatic timber clamps.
- Adjustable cartridges for different nail plate sizes (automatic model only).
- Simple and safe operation
 - push button control panel located away from the pressing area.
 - 30mm gap between platens when fully closed.
- Manual mode allowing operator to step through pressing sequence one step at a time.

Specifications:

Press details:

- Power requirements - 415V AC, 3-phase/neutral, 32A.
- Air requirements - 550kPa, (80psi), 15 l/min.
- Five press heads - 16 Tonne per head.
- Designed to press softwood trusses.
- Press head throat opening (between top and bottom platens) - 90mm open, 30mm closed.

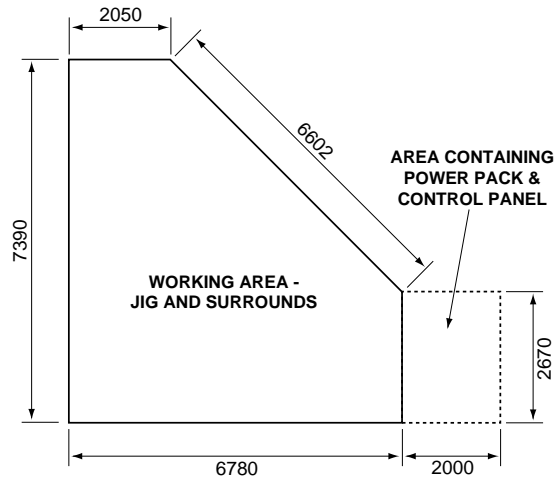
- 10 nail plate cartridges supplied with a standard system. (To suit plate sizes 150x100, 125x75, 100x100, 100x40, or as required by customer).
- Press hydraulic power pack motor - 11kW.
- Maximum operating pressure - 2200kPa, (319psi).
- Pressing cycle time - 20 seconds approximately (operator dependent).

Jig details:

- Standard configuration - Fixed base rail with three moving pressing stations with 6000mm of travel. Top chord rail pivots about one end of the base rail from 12 up to 35 degrees. Two pressing stations on top chord rail with 5.52m of travel.
- Jig height - 730mm.
- Setup time for truss - 2-3 minutes (operator dependent).

Truss information:

- Maximum span of truss - 6000mm.
- Maximum height of truss - 4200mm.
- Maximum timber width - 200mm (approximately).
- Bottom chord and top chord joints minimum 550mm apart.
- Bottom chord to heel and top chord to heel joints minimum 800mm apart.
- This press is able to press any truss that has all its panel points joining with a chord.
- Any truss with internal plates cannot be pressed.
- Any truss that has plates that require more than the rated pressing force cannot be pressed.
- Safe working area:



Options:

- Press heads 18 Tonnes.
- Nail plate cartridge variations to suit customer.

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