

KWIKSET JIG



ADVANTAGES

- *Rapid setup.*
- *Pneumatic clamping.*
- *Low maintenance.*
- *Simple operation.*
- *Strong and robust.*
- *Suitable for large truss sizes.*



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KWIKSET JIG

Description:

The Kwikset Jig is a rapid setup jig with Flo-thru stations. It is suitable for mid size truss plants looking to increase production, without large capital expenditure. The Kwikset Jig has been developed to accommodate standard and complex truss shapes in both short and long production runs. With simple and fast setup, production is increased significantly.

Features:

- Up to 20% increase in production over a standard pedestal type jig.
- Compatible with many different press head types and therefore can be readily integrated into an existing factory.
- Pneumatic clamping of moving arm position.
- Simple switch operation of pneumatic clamps.
- Neat -air lines contained within the framework of the jig.
- Moving arms always remain square to bottom chord rail. Wheels on each end roll on parallel rails.
- Simple - minimal operator training required for quick set-ups.
- Measuring tapes used for positioning stations on base and apex rails.
- Low maintenance – routine inspection and cleaning only.
- Strong & robust - will last for a long period of time in a normal day to day truss plant environment.
- Suits large truss sizes - up to 3.9m metres apex height.
- Low rail height – for ease of operation and movement around jig.

Flo-thru stations

- Flo-thru station design allows a C-Frame press to move along truss chords without the need to move the press head in and out of stations, significantly increasing productivity and reducing operator fatigue.
- Light weight construction with rollers for easy station movement.
- Pneumatic clamping of flo-thru station position on rails.
- All Flo-thru stations on bottom chord rail are universal, with heel blocks and camber bars that can be moved between stations.

- Top chord outrigger stations rotate to align with the top chord.
- Heel clamps - specifically designed cam-type clamps.
- Nail gun holsters on Flo-thru stations at the top and bottom of the apex rail.
- Integral nail plate shelf in each Flo-thru station.
- Pressing plates - allow easy placement of bottom nail plates prior to placement of timber, and top and bottom plates to be pressed simultaneously.

Specifications:

Jig details:

- Overall dimensions (mm) – L x W x H
Standard jig - 18000 x 4000 x 794mm.
- Rail height - 110mm.
- Configuration:
 - Standard jig - 18m bottom chord rail, 3.9m apex rail, 6 moving arms and 16 Flo-thru stations.
- Moving arms – 2840mm long.

Flo-Thru Station configuration:

- 16 Flo-thru stations:
 - 1 x Apex with rotation.
 - 6 x Universal top chord (can also be used as Apex).
 - 5 x Bottom chord with camber adjustment.
 - 4 x Bottom chord without camber adjustment.
 - Heel tooling provided to convert any bottom chord station to a heel station.

Truss information:

- Capable of setting up most trusses, including scissor trusses. New tables for low profile.
- Truss span and apex height:
 - Spans on the Kwikset jig can be up to 18m, with up to 3.9m apex height.

Options:

- Installation.
- Portal or Gantry press to press joints.
- Bottom chord press.
- Laser projection system for positioning of Flo-thru timber and nail-plates.

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