

Pryda Air Jig

Roof

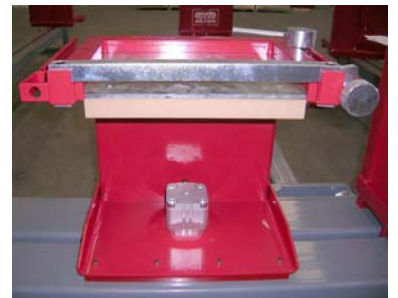
Wall

Floor

Sawing

Timber Jointing

Production Tools



- Heavy duty construction truss manufacturing air jig with 15 stations
- 16m base rail with moveable 4m apex rail
- All boxes fitted with air locking and release mechanism with user friendly plug and play air manifold running the length of the jig
- Simple apex and heel jigging with quick set camber screws
- All moving arms use a unique and firm locking system

Pryda Air Jig

The Pryda 16m air jig is a heavy duty jiggling system that can further improve truss manufacturing efficiency compared to a conventional manual jig system. All 15 station boxes are fitted with pneumatic air locking and release mechanisms which greatly simplify the time taken in between truss set ups and prevent operator fatigue.

The conventional flow through station box design is maintained and therefore the air jig is compatible with many different C-Frame press head types. The station boxes allow a C-Frame press to move along the truss chords without the need to move the press head in and out of the boxes, significantly increasing truss manufacturing productivity.

The robust design of the air jig ensures a quality truss finish and consistency of all dimensions with extended use. Tapes are fitted to the base and apex rails for quick and accurate set up and the heavy duty construction facilitates simple camber adjustments.

The moving arms move effortlessly and incorporate a unique manual brake clamp to ensure a positive locking of the top chord rails. A combination of engineered V groove wheels and heavy duty castor wheels ensure a precise and easy movement of all moving arms. The low moving arm rail height is an added advantage to combat ergonomic and OH&S issues. Operators can comfortably walk over the jig when loading or unloading a finished product.

The air jig is Pryda's most popular method of truss manufacturing.

SPECIFICATIONS

		Dimensions	
Overall dimensions (std unit)	– length (overall)	mm	16,000
	– width (overall)	mm	4300
	– height (overall)	mm	765
Rail height		mm	375
Apex rail length		mm	4000
Pressing plate size	– width	mm	325
	– depth	mm	270
Standard configuration	16m bottom chord rail, 4m apex rail, 6 moving arms and 15 station boxes (2 heel, 6 bottom chord, 6 top chord, 1 apex)		
Weight (approx)		Kg	2500
Installation requirements			
Power	N/A		
Air	Standard 100 psi air supply		
Foundation	Sound and level concrete floor		

RELATED EQUIPMENT

- Pryda Portal, Overhead or Hybrid gantry press
- Pryda Compact Bottom Chord Press
- Laser projection system