



PC-A501



Panel Cutter

Description:

Designed for lengthways cutting of Insulated Panels This machine is capable of straight cuts in both the top and bottom skins. Positioning of the special cutting heads as well as machine control and manual operation are via a 150mm colour touch screen (HMI). The special cutters shear the skins and produce a rolled safety edge in one operation with no swarf, sparks or cutting chips. Core material is not cut, allowing the panel to be transported to site safely then cores can be cut via a simple hand operated cable cutter on site. This allows for lengthways mitre cuts as well as square cuts.

Principle of operation:

The special cutting heads are positioned via ballscrews and encoders. top and bottom heads can be positioned independently. Six pairs of rubber coated drive rollers then drive the panel past the cutters, thus panel length is only limited by factory space and handling limitations.

Specification:

- Maximum Panel Width: 1200mm
- Maximum Panel Thickness: 250mm
- Maximum Panel Length: Only limited by Space and Handling
- Cutting Speed: 1-10 m/min
- Cutting Width: Adjustable to 50mm from edge
- Positioning: Via motorised ball screw and Encoder
- Touch Screen: Omron150mm Capacitive
- Operator: 1 man with panel handling equipment
- Power Requirement: 415/380VAC 3 PH. 10 Amps/PH
- Consumables: Silent Cutter anvils
- Dimensions: 2029 Wd x 2577 Lg x 1639 H +3 x 3m Conveyors
- Options: A separate pair of cross cutters can be fitted allowing cut to length as well as width. These cutters can also be used alone to cut stock panels down to specific length.

Agent:

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