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We automate the panel building.

Cutex support rail cutting centre



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Automation in enclosure assembly

Cutex support rail cutting centre

Focus:

The Cutex cutting centre is designed for the automatic cutting of support rails, including labelling. The Cutex is available as an option with the Athex terminal block assembly machine.

Machining operations:

Cutex automatically cuts support rails to the required length and labels them on the underside with user-defined information such as project number, installation location etc. The maximum cutting length of the rails is 1,200 mm. After cutting, the rails can be automatically forwarded to the Athex for assembly with the terminal blocks.

Flexibility:

The Cutex cutting centre transforms the Athex automatic assembly machine into a fully automated, complete system for terminal block manufacturing, and is therefore suitable for use in extended shift mode.

Article number: 4050.500

User benefits

- Fully automated cutting of support rails using imported CAD data or manual configuration
- Impressive time savings, e.g. no need to adjust the end stop to the correct length
- Consistent quality and avoidance of measurement errors, thanks to controlled axes
- Direct printing of user-defined information onto the support rail for subsequent reuse
- May be used just to cut support rails to the required length
- Large storage area for rails up to 3 m in length
- Fully automated measurement of rail offcuts for excellent cut optimisation



Equipment

- Horizontal storage module with 20 storage spaces for support rails
- Standard module for a rail length of 2 m (optionally extendible up to 3 m)
- Electric cutting module for the use of standard market cutting plates
- Needle marking system for labelling the rail undersides
- Management of offcuts from a minimum length of 230 mm
- Direct docking onto the Athex automatic assembly machine

Technical specifications

- Machine dimensions (HxWxD): 1,350 x 3,500 x 1,300 mm
- Weight (excluding terminal magazines): 600 kg
- Electrical connection: Via Athex
- Pneumatic connection: Via Athex

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