

SAS 142/43 Automatic saw

ALU PVC STEEL

Automatic saws

Description

- Powerful automatic saw with 2-axis controller and large-dimensioned saw blade for efficient large-scale cutting of aluminium profiles.
- Set the cutting angle using the hand wheel and digital display
- Reliable elumatec principle of "sawing from below" for optimal accessibility and the best possible utilisation of the saw blade
- Material infeed (cycling) protects the surface of the workpiece through a profile lifting system at the bearing and locating face
- Large cutting range for wide profiles
- Automatic shutoff when the end of the profile has been reached
- Material infeed controlled via servo axis for transport speed and part length
- Saw feed controlled via servo axis for saw speed and saw height
- Input of the profile parameters into the profile database

elumatec AG
Pinacher Straße 61
75417 Mühlacker
Germany

Phone +49 7041 14-0
Fax +49 7041 14-280
sales@elumatec.com
www.elumatec.com

The right to make technical alterations is reserved.

Included Accessories

- Hard-metal saw blade for aluminium with a diameter of 500 mm and 120 teeth
- One vertical and one horizontal clamp each to the left and right of the saw blade.
- High performance cutting fluid 500 ml

Technical Data

- Feed length 5 - 695 mm (for 90° cuts)
- Tilted cutting angle 90° - 45°
- Maximum cutting range, see cutting diagram
- Saw blade speed 2800 rpm
- 5.5 kW of power at 400 V / 50 Hz
- Compressed air supply 7 bar
- Air consumption 50 l per working cycle, 64 l with minimum-volume lubrication system

elumatec AG
Pinacher Straße 61
75417 Mühlacker
Germany

Phone +49 7041 14-0
Fax +49 7041 14-280
sales@elumatec.com
www.elumatec.com

The right to make technical alterations is reserved.