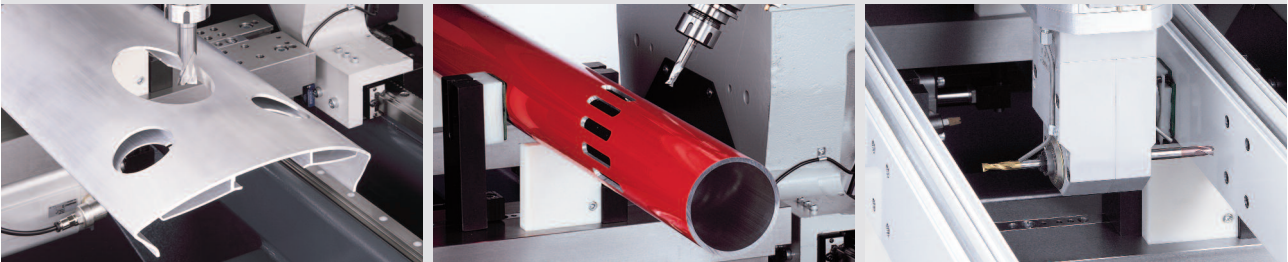


elumatec

Profile machining centre SBZ 140



- > 4-axis profile machining centre
- > For the economical and efficient processing of aluminium and steel profiles
- > All operations like routing, drilling, and tapping are carried out with the profile stationary to avoid scratches and damages on the profile surface
- > The axis controlled milling head is able to process the profile infinitely at any position between 0° and 180° with all available tools
- > The travelling tool magazine provides short tool change over times and thus optimum processing cycles
- > The magazine can be equipped with 8 standard tools
- > For double bar processing and processing the ends a rotating angle head with two different tools is available (0°-90°-180°-270°)
- > 2 separate working zones allow profile processing in oscillating mode
- > Electronic 4-axis industrial PC control for 2.5 D operation with 15" colour monitor
- > RJ 45 10/100 MBit network connection
- > Mobile operation terminal

Technical information

- > Travelling capacity X-axis 6400 mm, 7600 mm, 9700 mm (longer versions on demand)
V_{max.} 65 m/min.
- > Travelling capacity Y-axis 850 mm,
V_{max.} 60 m/min.
- > Travelling capacity Z-axis 650 mm,
V_{max.} 60 m/min.
- > Pivoting angles A-axis 0 - 180 °freely programmable in 1/10° steps
- > Spindle speed 24000 r.p.m. max.
- > Power output at spindle 9.5 kW
- > Tool changer, 8 tools more tool places on request
- > Compressed air supply 7 bar
- > Power supply 400 V, 3~, 50 Hz, 35 A
- > Air consumption per minute 180 l with mist spray



Processing lengths

SBZ 140 - 6,4 m

- > Max. processing length with profile end processing 6280 mm
- > Max. processing length without profile end processing 6400 mm

SBZ 140 - 7,6 m

- > Max. processing length with profile end processing 7480 mm
- > Max. processing length without profile end processing 7600 mm

SBZ 140 - 9,7 m

- > Max. processing length with profile end processing 9580 mm
- > Max. processing length without profile end processing 9700 mm

Optional

- > Automatic length measuring
- > Double clamping system
- > Barcode scanner
- > Stationary tool magazine
- > Angle router heads
- > Swarf removal conveyor belt
- > Network connection PC control
- > Tool holders
- > Chuck
- > Collets
- > Tooling
- > eluCad (The software package for optimised production management)

For further information please contact:

- > elumatec AG | Pinacher Straße 61 | D-75417 Mühlacker
- > Tel. +49 (0)7041 14-266 | Fax +49 (0)7041 14-282 | sales@elumatec.de



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