



## SBZ 140 Profile machining centre

Profile machining centers



### Description

- 4-axis profile machining centre
- Designed for economical and efficient machining of aluminium and thin-walled steel profiles
- All operations, such as routing, drilling and tapping are performed while the profile bar is stationary to protect the profile surfaces
- Machining with all tools at angles continuously adjustable from 0° - 180°
- The on-board tool magazine ensures that tool changing times are kept short, thereby optimising machining cycles
- The magazine can be equipped with eight tools
- A rotating angle head with two different tools is available for double-bar and end machining  
(0° - 90° - 180° - 270°) (option)

- Two separate working zones enable machining in shuttle operation (option)
- 4-axis controller
- 15" colour display, USB ports and network connection
- Windows operating system
- eluCam

## Machining Lengths

### SBZ 140 - 4.2 m

- Max. machining length with profile end machining, 4,080 mm
- Max. machining length without profile end machining, 4,200 mm

### • SBZ 140 - 6.4 m

- Max. machining length with profile end machining, 6,280 mm
- Max. machining length without profile end machining, 6,400 mm

### • SBZ 140 - 7.6 m

- Max. machining length with profile end machining, 7,480 mm
- Max. machining length without profile end machining, 7,600 mm

### • SBZ 140 - 9.7 m

- Max. machining length with profile end machining, 9,580 mm
- Max. machining length without profile end machining, 9,700 mm

## Optional

- Automatic length measurement
- Clamping unit accommodates double profile machining
- Chips conveyor belt
- Barcode scanner
- Stationary tool magazine
- Angle routing heads
- Tool holders
- Collet chucks
- Collets

- Tools
- eluCad (office software package for optimized production management)

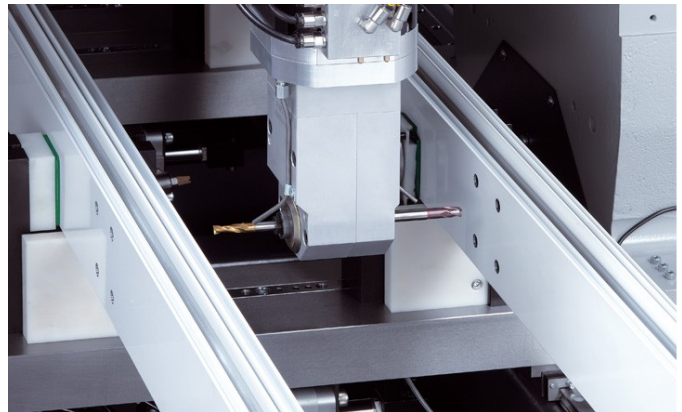
## Technical Data

- Traverse path X-axis, 4,200 mm, 6,400 mm, 7,600 mm, 9,700 mm (additional lengths on request) Vmax. 65 m/min.
- Traverse path Y-axis, 850 mm, Vmax. 60 m/min.
- Traverse path Z-axis, 650 mm, Vmax. 60 m/min.
- Pivoting angle A-axis, 0° - 180°; freely programmable in 1/10° steps
- Max. spindle speed 24,000 rpm
- Spindle power output 11 kW, S1
- Tool changer for eight tools, additional tool positions on request
- Compressed air supply 7 bar
- Power supply 400 V, 3~, 50 Hz, 63 A
- Air consumption per minute 180 l with spraying



Profile machining centre SBZ 140 eluCam

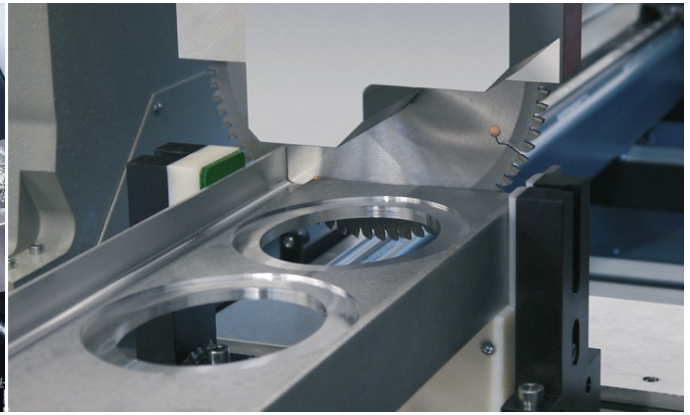
SBZ 140 + special accessories



Profile machining centre SBZ 140 eluCam



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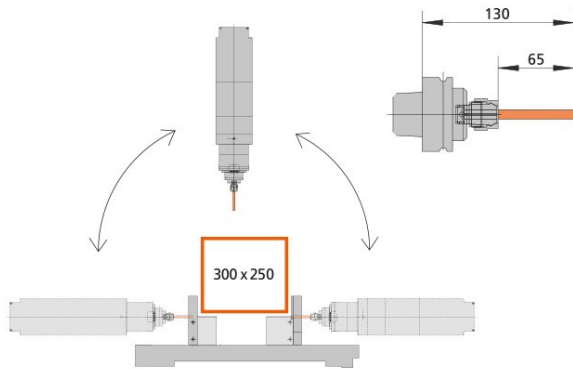
Profile machining centre SBZ 140 eluCam



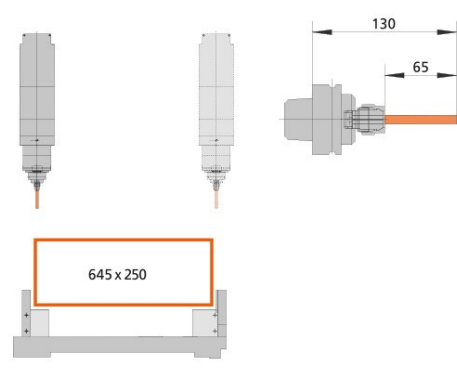
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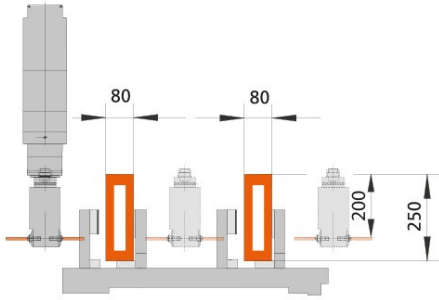
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