

[ Only Quality produces Quality ]

[ Profile machining centres ]

**3 axis -  
profile machining centres**

**4 axis -  
profile machining centres**

**5 axis -  
profile machining centres**



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[ You have profile - we will work on it ! ]

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**Profile machining centre SBZ 122/20**

- > 3 axis profile machining centre SBZ 122
- > Machining centre with the possibility of 3 sided processing for automatic door manufacturing with single or multiple locks or other industrial applications
- > Automatic tool change with 5 tool holders for 4 tools and 1 rotating angle head
- > A stationary turning device allows the adjustment of the rotating angle head for 0° and 180°. Therefore a profile can be processed from front and rear with 2 different tools
- > Long profile bars can be moved to the left. Therefore working lengths over 3,8 m are possible
- > Electronic 3-axis industrial PC control, 2D interpolation, 7,7" colour monitor and diskette drive
- > Serial and parallel interfaces (extendable) for online connection, barcode scanner, modem and label printer

**[ Technical information ]**

- > Travelling capacity X-axis 3.850 mm  
V<sub>max.</sub> 50 m/min.
- > Travelling capacity Y-axis 350 mm  
V<sub>max.</sub> 30 m/min.
- > Travelling capacity Z-axis 280 mm  
V<sub>max.</sub> 30 m/min.
- > Spindle speed 21.000 r.p.m.
- > Power output at spindle max. 6 kW, S 6
- > Power supply 400 V, 3~, 50 Hz, 35 A
- > Compressed air supply 7 bar
- > Length 4.600 mm, width 3.230 mm, height 2.420 mm, weight 1.660 kg

**[ Processing lengths ]**

- > Max. processing length with profile end processing 3.650 mm
- > Max. processing length without profile end processing 3.750 mm

**[ Optional ]**

- > Additional automatic tool changer additionally available:
- > Rotating angle head for 2 different tools
- > Turning device (SBZ 122/20) for rotating angle head 90°/180°

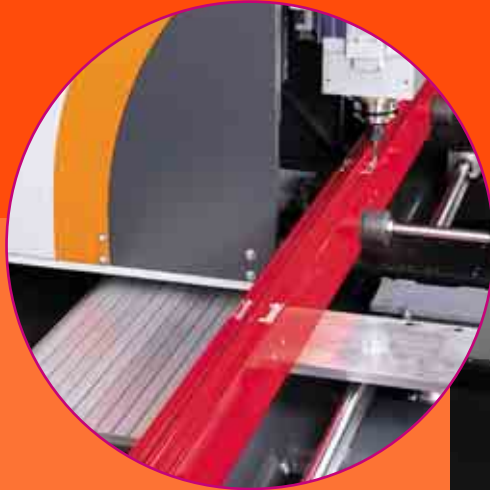
- > Automatic length measuring
- > Clamping device for 2 separate working stations
- > Routing spindle-cooling device
- > Mobile hand held unit
- > Network connection PC control
- > Tool holders
- > Collet holders
- > Collets
- > Tooling

> For further information and more options please see individual catalogue



efficient production ]

[ Profile machining centres ]



[ 02 | 03 ]

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[ A climb for





**Profile machining centre SBZ 122/30**

- > See SBZ 122/20 however:
- > Machining centre with the possibility of 5 sided processing for automatic door manufacturing with single or multiple locks or other industrial applications
- > Integrated spindle turning device allows an adjustment of the rotating angle head for 0°/90°/180° and 270°. Therefore a profile can be processed front, rear and both ends with 2 different tools
- > The power-torque cutting spindle allows higher torque in lower RPM's (tapping)

**[ Technical information ]**

- > Travelling capacity X-axis 3.850 mm  
V<sub>max.</sub> 50 m/min.
- > Travelling capacity Y-axis 350 mm  
V<sub>max.</sub> 30 m/min.
- > Travelling capacity Z-axis 280 mm  
V<sub>max.</sub> 30 m/min.
- > Spindle speed 21.000 r.p.m.
- > Power output at spindle max. 6 kW, S 6
- > Power supply 400 V, 3~, 50 Hz, 35 A
- > Compressed air supply 7 bar
- > Length 4.600 mm, width 3.230 mm, height 2.420 mm, weight 1.690 kg

**[ Processing lengths ]**

- > Max. processing length with profile end processing 3.650 mm
- > Max. processing length without profile end processing 3.750 mm

> For further information and more options please see individual catalogue



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[ Top performance for your





**Profile machining centre SBZ 130**

- > 3 axis profile machining centre SBZ 130
- > For the economical and efficient processing of aluminium, steel and special 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 travelling turret head provides rapid tool changes with optimum processing cycles
- > The turret head can be equipped with 8 standard tools or angle routing heads
- > 2 separate working zones allow profile processing in oscillating mode
- > Electronic 3-axis industrial PC control
- > Tool spindle is designed as an additional axis
- > 12" colour monitor and diskette drive
- > RJ 45 10/100 MBit network connection
- > Serial and parallel interfaces (extendable) for online connection, barcode scanner, modem and label printer

**[ Technical information ]**

- > Travelling capacity X-axis 4.200 mm, 7.200 mm, 8.500 mm, 10.200 mm, 11.500 mm (longer versions on demand)  
V<sub>max.</sub> 60 m/min.
- > Travelling capacity Y- axis 480 mm,  
V<sub>max.</sub> 30 m/min.
- > Travelling capacity Z- axis 325 mm,  
V<sub>max.</sub> 30 m/min.
- > Spindle speed 6.000 r . p . m . max. with high speed spindle 15.000 r.p.m.
- > Power output at spindle 5,5 kW, max.
- > Tool changer, 8 tools on tool turret
- > Compressed air supply 7 bar
- > Power supply 400 V, 3~, 50 Hz, 22 A
- > Air consumption per minute 75 l with mist spray

**[ Processing lengths ]**

- SBZ 130 - 4,2 m**
- > Max. processing length with profile end processing 4.080 mm
- > Max. processing length without profile end processing 4.200 mm
- SBZ 130 - 7,2 m**
- > Max. processing length with profile end processing 7.080 mm
- > Max. processing length without profile end processing 7.200 mm
- SBZ 130 - 8,5 m**
- > Max. processing length with profile end processing 8.380 mm
- > Max. processing length without profile end processing 8.500 mm
- SBZ 130 - 10,2 m**
- > Max. processing length with profile end processing 10.080 mm
- > Max. processing length without profile end processing 10.200 mm
- SBZ 130 - 11,5 m**
- > Max. processing length with profile end processing 11.380 mm
- > Max. processing length without profile end processing 11.500 mm

**[ Optional ]**

- > Automatic length measuring
- > Automatic clamp positioning
- > Swarf removal conveyor belt
- > Angle router heads
- > High speed spindles
- > Reduced speed spindles
- > Double clamping for 2 profiles
- > Barcode-Scanner
- > Mobile hand held unit
- > Network connection PC control
- > Tool holders
- > Chuck
- > Collets
- > Tooling
  
- > For further information and more options please see individual catalogue

