



SBZ 628 Profile machining



Profile machining centers

Description

Profile machining centre with loading and outfeed magazine

- Left or right loading magazine for automatic production processes
- It is possible to employ up to eight different tools in a single pass thanks to a rotation module
- The patented motorised gripper system, which can be rotated and adjusted vertically and horizontally, moves complex profile cross-sections into position for machining with precision and speed
- The router spindle, which can be rotated up to 360°, and the continuously adjustable saw blade allow profiles to be machined in a wide variety of clamping situations
- The generously dimensioned noise abatement enclosure and the easy-access controls and maintenance elements simplify operation.
- During outfeed, the unloading magazine is used to place machined profiles

- gently onto the outfeed conveyor
- Machining is performed either "on the fly" using a pusher axis, or while stationary

Technical Data

- Profile bar length 1,500 - 7,500 mm
- Loading magazine for five or ten profiles (depending on the profile cross-section)
- 4-axis machining module with four router spindles
- Spindle power output 6.0 kW S1 with HSK-C 40 tool holder
- Saw blade, 550 mm
- 4-axis saw unit:
- Power output 5.5 kW
- Travelling range 1,050 x 720 x 400 mm

Continuously adjustable pivoted cuts between 0° - 360°

Options

- Two or four additional router spindles
- Horizontal cutting unit with tilting axis
- Saw blade 650 mm
- Replacement roller set
- Residual piece processing from 1,500 mm
- Automatic residual piece measurement
- Label printer
- Cycling mode for machining and cutting short parts
- eluCad (office software package for optimised production management)