

Machine - Datasheet

Machinetype: 5-axis CNC machining center
 Make: MAZAK
 Type: Variaxis J-500
 Retrofit: 2020
 Control: Mazatrol SmoothG
 Term of delivery: On request
 Quotation: ex works



Technical details

Dimension

Travel distances

- X-axis	350 mm
- Y-axis	550 mm
- Z-axis	510 mm
- A-axis swivel range	-120 / +30
- C-axis rotary axis rotary indexing and swivel table	360°
Feed rate X/Y/Z	8,000 mm/min

Rapid traverse

- X-axis	30,000 mm/min
- A-/C-axis	10,800 degrees/min

Spindle

- Max spindle speed	12,000 rpm
- Drive power ED	100 / 40 kW 7.5 / 11.0

Tool magazine

- Tool holder BT40 / CAT40	
- Pull stud Yamazaki ANSI type	
- Tool positions 30	
- Tool diameter	90 mm
- Tool length	300 mm

Machine table rotary swivel table

Pallet system

- Pallet changer 2-station	
- Clamping table dimensions	500 × 400 mm

Rotary swivel table

- Rotary table diameter	500 × 400 mm
- Max workpiece weight	200 kg

EQUIPMENT

Internal coolant supply ICS 70 bar

Scraper-type chip conveyor

Oil mist extraction

Tool length measurement and tool breakage monitoring

Additional interior lighting

Signal light 3-color