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Assessment & Sale of Used Assets



Ref. No.: 1325-06241200

Overview and Technical Data:

MAZAK VTC-800/30SR - 5 Axis Simultaneous

MAZAK

Year of Build: Jan 2012

Generated on 31.10.2026
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Description:

Used MAZAK VTC-800/30SR - vertical machining centre for 5-axis simultaneous machining

CNC control 15" Mazatrol Matrix 2

Operating hours An 41.362 / Spindle 13.985 hours

Last repair on tool changer cable

Original spindle cover still available!

Availability by arrangement

Technical data:

- Table:
  - Table width: 3500 mm / 137.800 in
  - Table length: 820 mm / 32.280 in
  - Maximum table load: 2,500KG / 5,500 lbs
  - Table configuration: T-slots: 7 x 18 mm
  - Distance: 100 mm
- Travel range
  - X-axis: 3000 mm / 118.10 in
  - Y-axis: 800 mm / 31.50 in
  - Z-axis: 720 mm / 28.35 in
  - B-axis (automatic swivel head): +/- 110 °
  - C-axis NC table: (0.001°)
- Spindle
  - Work spindle: Max. Speed: 18,000 min^{-1}
  - Motor power: 35 kw / 47.0 hp
  - Torque: max 168 Nm
  - High pressure coolant through spindle: 70 bar
  - Distance spindle nose and table 140 - 860 mm
- Feed rates:
  - Rapid traverse speed X-axis: 50 m/min

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    - Rapid traverse rate Y-axis: 50 m/min
    - Rapid traverse speed Z-axis: 50 m/min
- Tool changer:
    - Number of tool places: 48x
    - Tool shank: Steep taper SK40 DIN 69871A
    - Tool diameter: max 80 Mn
    - Tool length (from spindle nose): max 350 Mm
    - Tool weight: max 8 KG
- NC rotary table:
    - Table diameter: 500 mm
    - max. table load hor.: 700 kg
    - rotatable C: 360 °
    - table speed: 25 min/-1
    - weight: 550 kg
- Tool length measurement and tool breakage detection
- Chip conveyor
- Signal lamp (3 colours)
- Rated power: 90 kva
- Dimensions: Length: 5,250 mm / Width: 4,046 mm / Height : 3,330 mm

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The Mazak VTC 800/30 SR vertical machining centre features a high-speed 40-taper spindle, a tilting spindle head (B-axis), a full travelling column and a fixed table for machining extremely long and heavy workpieces. With an optional table partition, the long machine table can be converted into two separate work areas. The roller gear swivel head offers improved accuracy and repeatability due to its backlash-free design, which enables the machining of complex features and contours. These features provide excellent machining capacity for a wide variety of workpieces.

Thanks to the additional axis, machining processes can be significantly reduced and productivity increased. In combination with a rotary table, 5-axis simultaneous machining is possible. The machine also offers high rapid traverse speeds to reduce non-productive times.

The VTC-800/30SR is designed to meet the diverse and extensive requirements of high-performance, flexible and precise manufacturing applications in the best possible way. With its axis travels of 3,000 mm (X-axis), 800 mm (Y-axis) and 720 mm (Z-axis), the VTC 800/30SR has excellent machining capabilities for a wide range of workpieces.

±110°B-axis swivel head enables machining of any angle, including vertical, horizontal and inclined surfaces

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High performance 18000min-1(rpm) spindle for machining aluminium and steel

Flexible 3500mm X 820mm long table suitable for long workpieces, multi-piece machining and as a replacement for 2 pallet changers

The new Serie VTC offers such flexibility for 3-, 4- and 5-axis machining that you can supply virtually any industry with the highest quality precision parts it produces - quickly, reliably and competitively.

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Technical Data:

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Control: CNC
Machine Hours: 41.362 hrs.
Spindle Hours: 13.985 hrs.
Spindle Speed: 18.000 rpm
Tool Holder: SK40
Tool Capacity: 48 x

Travels:

X-Axis: 3.000 mm
Y-Axis: 800mm
Z-Axis: 720 mm

Dimensions and Weight:

Height: 3.330 mm
Width: 4.046 mm
Length: 5.250 mm
Weight: 16.300 kg

Buyer Information:

Condition: Very good condition
Availability: Sold
Sold as:
EXW (Ex Works - Incoterm)
VAT: 19 %
Buyers Premium: 18 %
Location: Germany

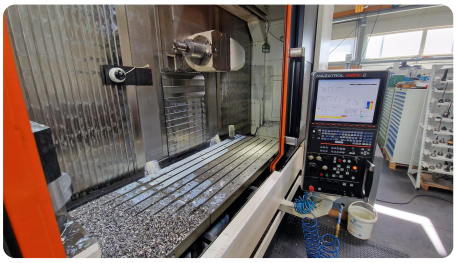
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Images:





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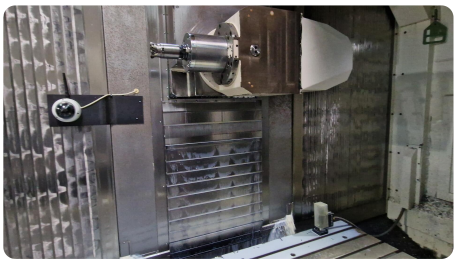
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Video:



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