



Asset-Trade

Assessment & Sale of Used Assets

Ref. No.: 1249



Overview and Technical Data:

MTE BF4200 3+2 Axis Bed Milling Machine

MTE (Machine Tool Engineering)



Machine Tool Engineering, S.A.

Year of Build: May 2015



Description:

Used MTE BF4200 bed milling machine for sale.

The MTE BF4200 bed milling machine with 3+2 axes offers outstanding precision milling for your manufacturing needs. Equipped with the Heidenhain iTNC 530 CNC control, this MTE milling machine enables precise machining of complex workpieces. With a maximum travel capacity of 4,000 mm in the X-axis, 1,200 mm in the Y-axis and 2,000 mm in the Z-axis, it is ideal for large-format machining.

CNC control: Heidenhain iTNC 530

Technical data:

- 3+2 axes
- Travels:
 - X-axis (longitudinal): 4,000 mm
 - Y-axis (transverse): 1,200 mm
 - Z-axis (vertical): 2,000 mm
- Clamping table:
 - Clamping surface: 4,200 x 1,000
 - Max. workpiece weight: 13,000
- Feeds:
 - X, Y and Z axes, continuously variable 2-12,000 mm/min
 - Rapid traverse X/Y/Z 15 m/min
- Universal milling head:
 - Swivel range front/rear plane: 2.5/1°
 - Power at 100% duty cycle: 30 kW
 - Speed, continuously variable: 40-4,000 min⁻¹
 - Gear levels: 3
- Tools:
 - Tool holder: SK 50 - DIN 69871-B
 - Automatic tool changer ATC:
 - Tool positions: 40 positions
 - Tool diameter max: 125/240 mm



- Tool length max.: 350 mm
- Tool weight max.: 20 ??kg
- Position change: horizontal/vertical
- Guides, drive and measuring systems
 - All axis drives with digital drives from the manufacturer HEIDENHAIN
 - Direct measuring systems for X, Y and Z axes from the manufacturer HEIDENHAIN
 - X, Y and Z axis guides using high-precision linear guides for maximum precision and dynamics, counter guide coated with Turcite B
 - Precision ball screw with pre-loaded nuts in the X, Y and Z axes
- Coolant system with chip conveyor
 - Coolant outlet, switchable from coolant to air, on the front of the milling head via manually swiveling nozzles
 - Internal coolant supply through the spindle center.
 - Tank volume approx. 400 l
 - Normal coolant supply 25 l/min 5 bar
 - High pressure pump for internal cooling 20 l/min 20 bar
 - Coolant tank including paper belt filter system
 - Hinged belt chip conveyor, 2 longitudinal conveyors in the machine, 1 cross conveyor on the right side
 - CNC control HEIDENHAIN iTNC 530M
 - Digital numerical sequence control, including digital drive control, hard disk storage, TFT color screen,
 - Machining cycles:
 - Standard drilling and milling cycles, deep drilling, tapping with and without compensation chuck, milling of slots, rectangular and circular pockets, rectangular and circular tenons, boring, drilling-milling (helical path), line-off, drilling patterns, head tilting, backward tilting, shifting and/or rotation of the coordinate system, mirroring, dimensional factor also axis-specific,
Linear interpolation on 3 axes, circular interpolation on 2 axes and on 3 axes with rotated working plane, tilt working plane.

HR 410 - Electronic handwheel for operation of all axes

More data shortly



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Technical Data:

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Control: TNC 530
Spindle Speed: 4.000 rpm
Tool Holder: BT50
Tool Capacity: 40 x

Travels:

X-Axis: 4.000 mm
Y-Axis: 1.300mm
Z-Axis: 2.000 mm

Dimensions and Weight:

Height: 4.200 mm
Width: 5.800 mm
Length: 10.200 mm
Weight: 21.500 kg

Buyer Information:

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



Images:





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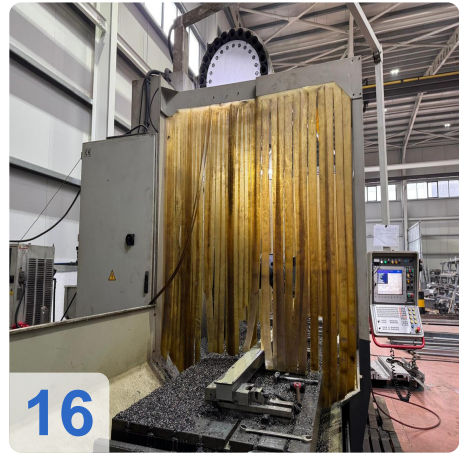




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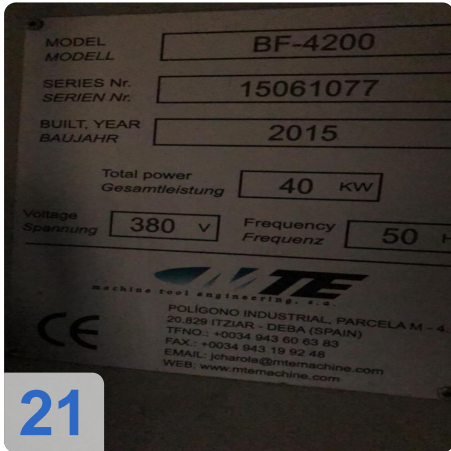
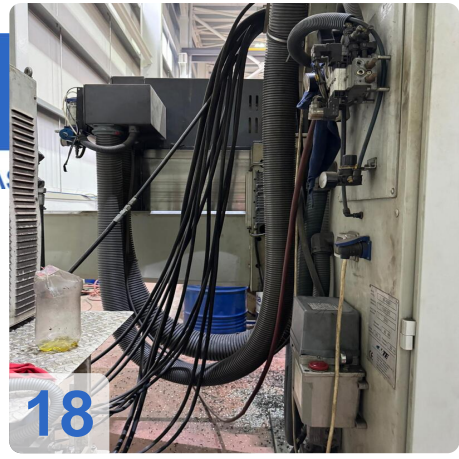




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Video:





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**Assessment and Sale of Used Assets world
wide**

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