



# 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.

CNC Controller : Heidenhain iTNC 530

Technical Data:

3+2 Axis

Travels:

X-axis (longitudinal): 4.000 mm

Y-axis (cross): 1.200 mm

Z-axis (vertical): 2.000 mm

Clamping table:

clamping surface: 4.200 x 1.000

max.workpiece weight: 13.000 kg

Feeds:

X-, Y- and Z-axis, stepless: 2-12.000 mm/min

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X-, Y- and Z-axis, stepless 2-12.000 mm/min

rapid feed X/Y/Z 15 m/min

Universal milling head:

swivelling area front/back level: 2,5/1°

power on 100% ED: 30 kW

speed, stepless: 40-4.000 min-1

gear steps: 3

tool taper: SK 50 - DIN 69871-B

automatic tool changer ATC:

tool places: 40 places

tool diam. max: 125/240 mm

tool length max.: 350 mm

tool weight max.: 20 kg

changing positions: horizontal/vertical



guides, drive and measuring systems

- All axis drives with digital drives manufacturer HEIDENHAIN
- Direct measuring systems for X,Y, and Z axis manufacturer HEIDENHAIN
- X-, Y- and Z-axis guidance using high-precision linear guides for maximum precision and dynamics, counter guide coated with Turcite B
- Precision ball screw with preloaded nuts in X-, Y- and Z-axis
- Coolant equipment with chip conveyor
- Coolant outlet, switchable from coolant to air, at the front of the milling head via manually swivelling nozzles
- Internal coolant supply through the spindle centre.
- Tank volume approx. 400 l
- Normal coolant supply 25l/min 5 bar
- High pressure pump for internal cooling 20 l/min 20 bar
- Coolant tank incl. 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 memory, 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



## Technical Data:

### Technical Data:

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:





As

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assets





Video:





# Asset-Trade

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**Asset-Trade**

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wide**

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