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Ref. No.:
1249

Overview and Technical Data:

MTE BF4200 3+2 Axis Bed Milling Machine

[MTE \(Machine Tool Engineering\)](#)



Machine Tool

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

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:

[Sold](#)

Sold as:

[EXW \(Ex Works - Incoterm\)](#)

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

Turkey

Images:



1











6









MATE



BF-4200















MODEL
MODELL

BF-4200

SERIES Nr.
SERIEN Nr.

15061077

BUILT, YEAR
BAUJAHR

2015

Total power
Gesamtleistung

40 KW

Voltage
Spannung

380 V

Frequency
Frequenz

50 H



machine tool engineering, s.a.



POLÍGONO INDUSTRIAL, PARCELA M - 4

20.829 ITZIAR - DEBA (SPAIN)

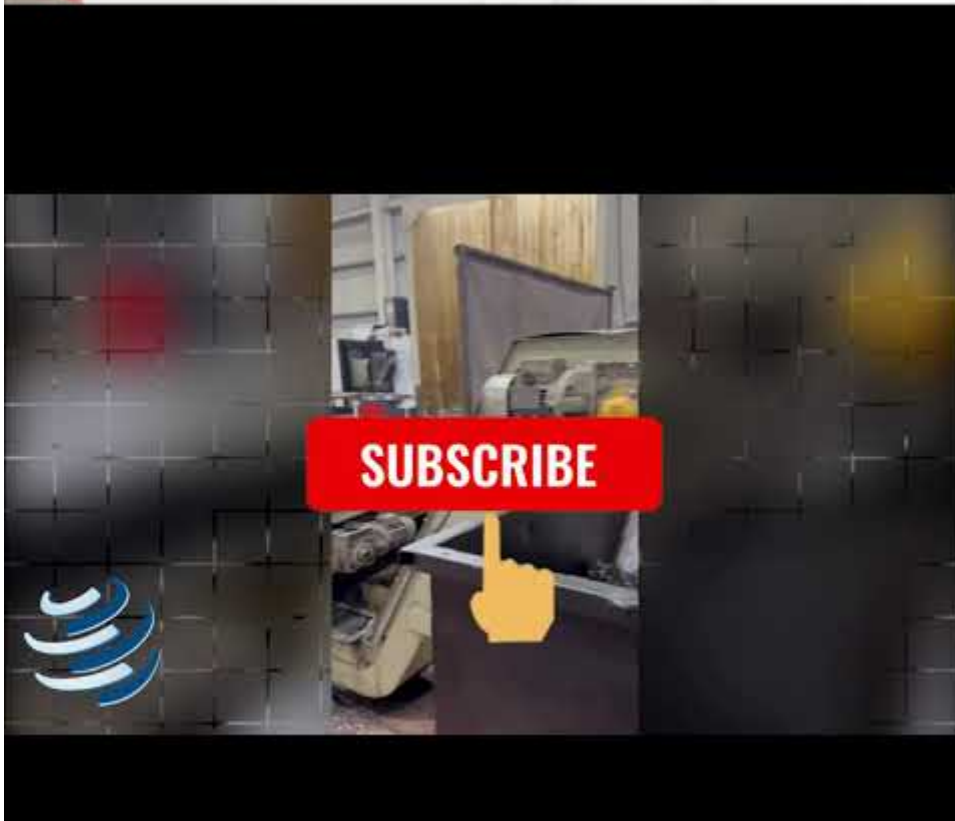
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Video:





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Assessment and Sale of Used Assets world wide

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VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

Turkey

Images:



1











6











MATE



BF-4200















WARRANTY CARD
SERIAL NO. 10000000000000000000
SERIAL LABEL
10000000000000000000
10000000000000000000
10000000000000000000
10000000000000000000



**AC VOLTAGE STABILIZER
SERVO CONTROL**

DIALOG ELEC
SERVO - 400 WATT
SERVO - 1000 WATT
SERVO - 2000 WATT
SERVO - 3000 WATT
SERVO - 4000 WATT
SERVO - 5000 WATT
SERVO - 6000 WATT
SERVO - 7000 WATT
SERVO - 8000 WATT
SERVO - 9000 WATT
SERVO - 10000 WATT





MODEL
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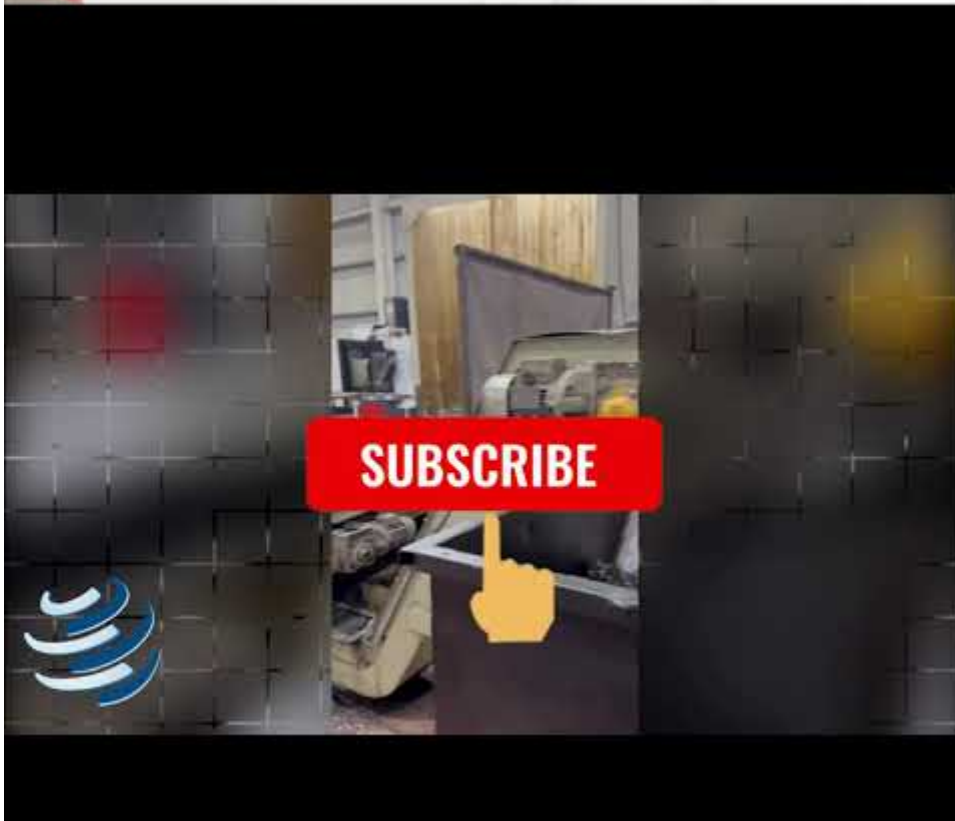
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