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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







TE
MAXIMUM TOOL ENGINEERING LTD.

⚡ | | | | | |

REDENHAIN

145 Without answer from brass
detector from 6 hours

1. 2400 PPM	2. 2400 PPM	3. 2400 PPM	4. 2400 PPM
5. 2400 PPM	6. 2400 PPM	7. 2400 PPM	8. 2400 PPM
9. 2400 PPM	10. 2400 PPM	11. 2400 PPM	12. 2400 PPM
13. 2400 PPM	14. 2400 PPM	15. 2400 PPM	16. 2400 PPM
17. 2400 PPM	18. 2400 PPM	19. 2400 PPM	20. 2400 PPM

51 57.879

QWERTY keyboard

Numeric keypad

Function buttons: X, Y, Z, etc.

Vertical column of buttons:

- Green, Red, Green
- Yellow, Black
- Orange, Black
- Black, Black
- Green, Red
- Yellow, Yellow
- Yellow, Yellow
- Yellow, Yellow
- Blue
- Red (Emergency Stop)





MATE



BF-4200













Model	3-400
Serial No.	138007
Year	2011
Power	11.0 kW
Current	20.0 A
Voltage	220 V
Frequency	50/60 Hz
CE	TE



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

Yellow label on the handle



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)

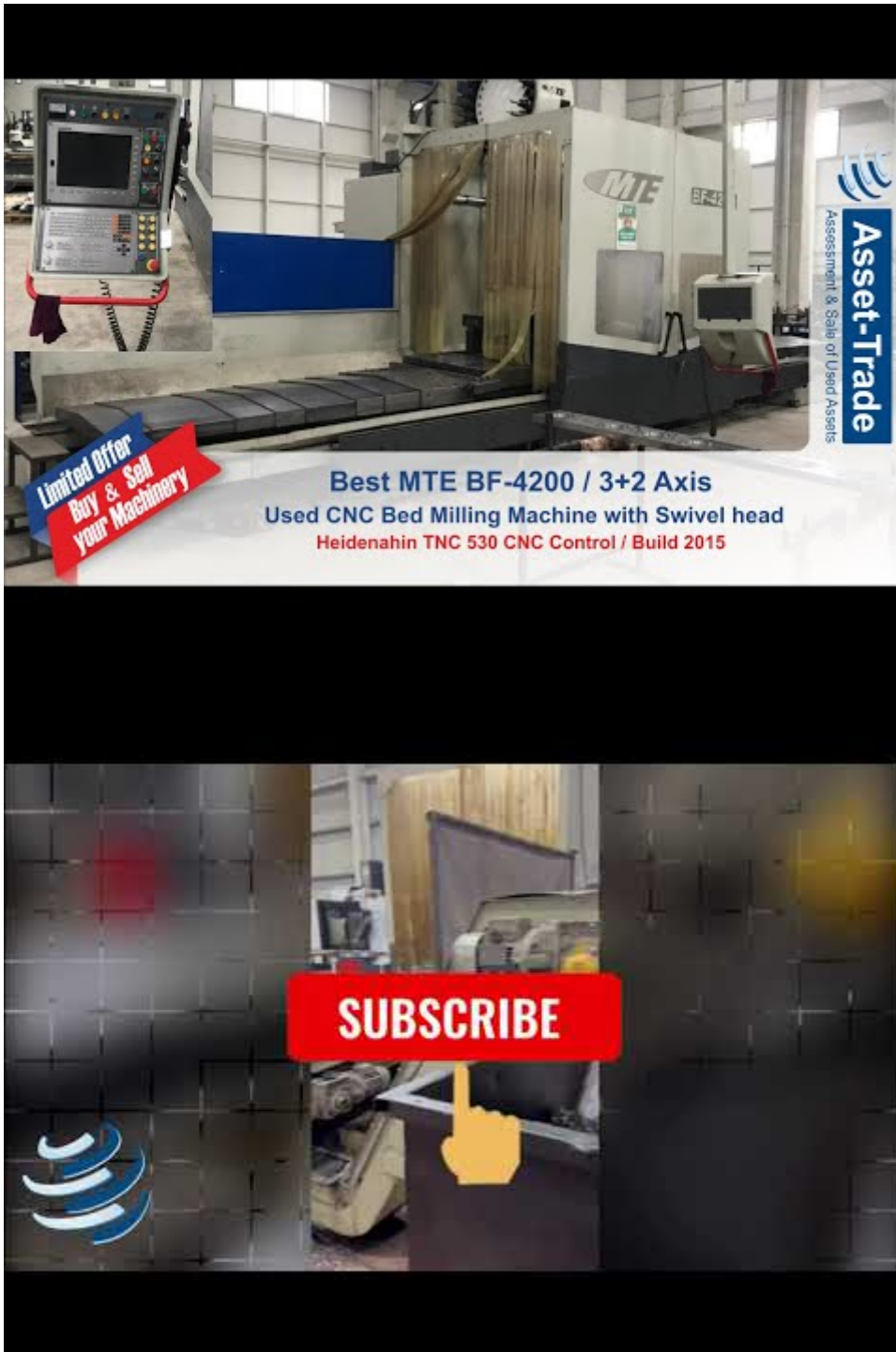
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FAX.: +0034 943 19 92 48

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WEB: www.mtemachine.com

Video:





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Assessment and Sale of Used Assets world wide

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Sold as:

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Location:

Turkey

Images:



1











6







TE
MACHINE TOOL ENGINEERING LTD.

REDENHAIN

145 Without answer from Grasse
detector from 6 hours

STEP	TIME	TIME	TIME	TIME
1	2:00 PM			
2	2:05 PM			
3	2:10 PM			
4	2:15 PM			
5	2:20 PM			
6	2:25 PM			
7	2:30 PM			
8	2:35 PM			
9	2:40 PM			
10	2:45 PM			
11	2:50 PM			
12	2:55 PM			
13	3:00 PM			
14	3:05 PM			
15	3:10 PM			
16	3:15 PM			
17	3:20 PM			

51 57.879





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SERVO - 8000 WATT
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BF-4200

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SERIEN Nr.

15061077

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2015

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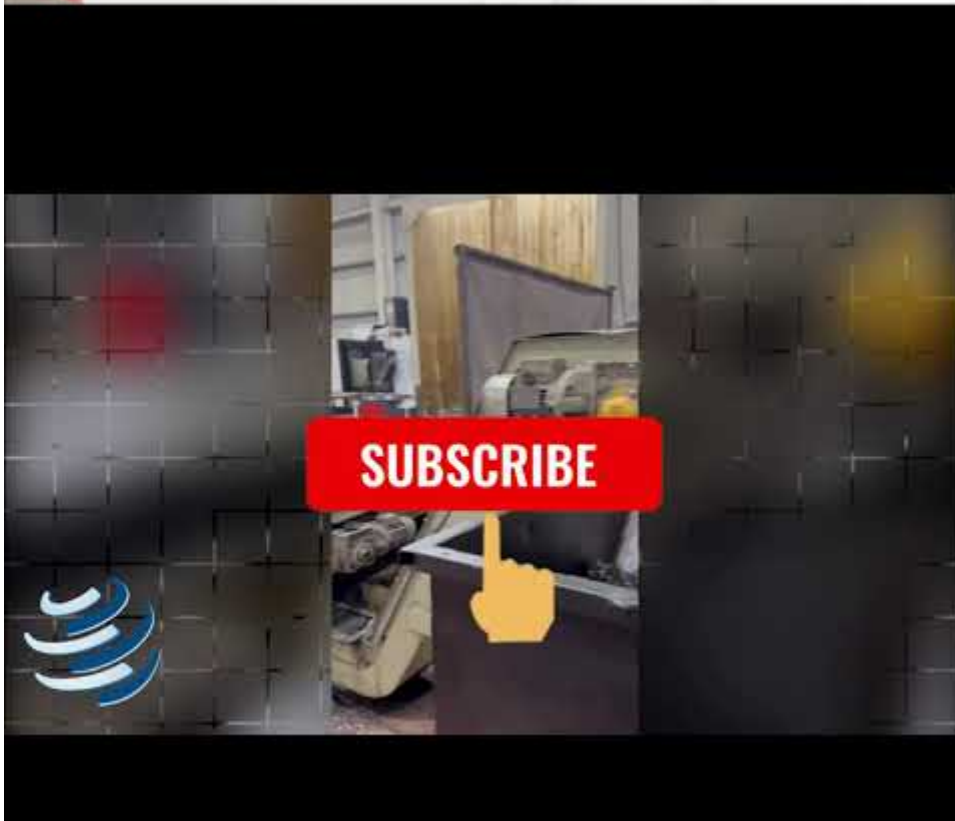
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Video:





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