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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



















REIDENHAIN

TE
MACHINE TOOL ENGINEERING LTD.

145 Without answer from Grease
detector (from 6 hours)

NO.	NAME	UNIT	VALUE	UNIT	VALUE
1	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
2	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
3	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
4	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
5	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
6	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
7	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
8	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
9	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
10	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
11	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
12	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
13	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
14	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
15	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
16	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
17	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
18	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
19	TOOL DIA. 2.2 5000	mm	2.2	mm	5000
20	TOOL DIA. 2.2 5000	mm	2.2	mm	5000

51 57.879





MTE



BF-4200















WARRANTY CARD
Model: 40 KW
Serial: 100000
Date of purchase: 10/10/2010
Name of customer: Mr. M. M. M.
Address: 100000
Phone: 100000

**AC VOLTAGE STABILIZER
SERVO CONTROL**

DIALOG ELEC
POWER - 40 KW
VOLTAGE - 220V
INPUT - 220V
OUTPUT - 220V
FREQUENCY - 50/60 Hz
FULL LOAD
SERVO MOTOR

100000



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



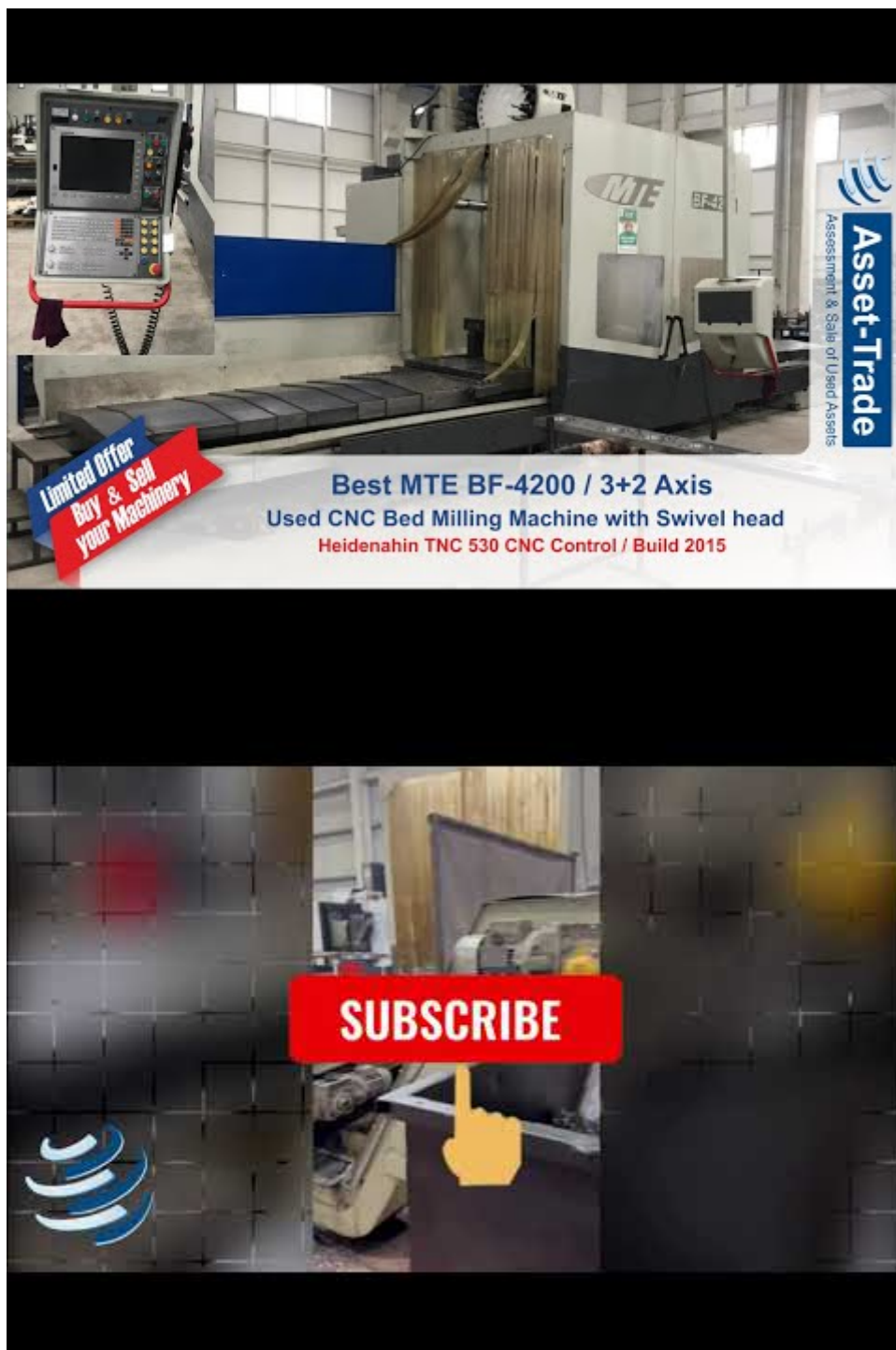
machine tool engineering, s.a.



POLÍGONO INDUSTRIAL, PARCELA M - 4.
20.829 ITZIAR - DEBA (SPAIN)

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FAX.: +0034 943 19 92 48

EMAIL: jcharola@mternachine.com
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Video:



Asset-Trade

Assessment and Sale of Used Assets world wide

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47800 Krefeld

Germany

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Web.: <https://mail.asset-trade.de/en>

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19	TOOL DIA 2.2 5000				
20	TOOL DIA 2.2 5000				

51 57.879

TE
MACHINE TOOL ENGINEERING LTD.





MTE



BF-4200















WARRANTY CARD
Model: 1000VA
Serial: 10000000000000000000
Date of purchase: 10/10/2020
Warranty period: 3 years
Warranty start date: 10/10/2020
Warranty end date: 10/10/2023

**AC VOLTAGE STABILIZER
SERVO CONTROL**

DIALOG ELEC
Powers - AC 100V
Voltage - 100V
Power - 1000VA
Frequency - 50Hz
Full load capacity
1000VA
1000VA



MODEL
MODELL

BF-4200

SERIES Nr.
SERIEN Nr.

15061077

BUILT, YEAR
BAUJAHR

2015

Total power
Gesamtleistung

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machine tool engineering, s.a.



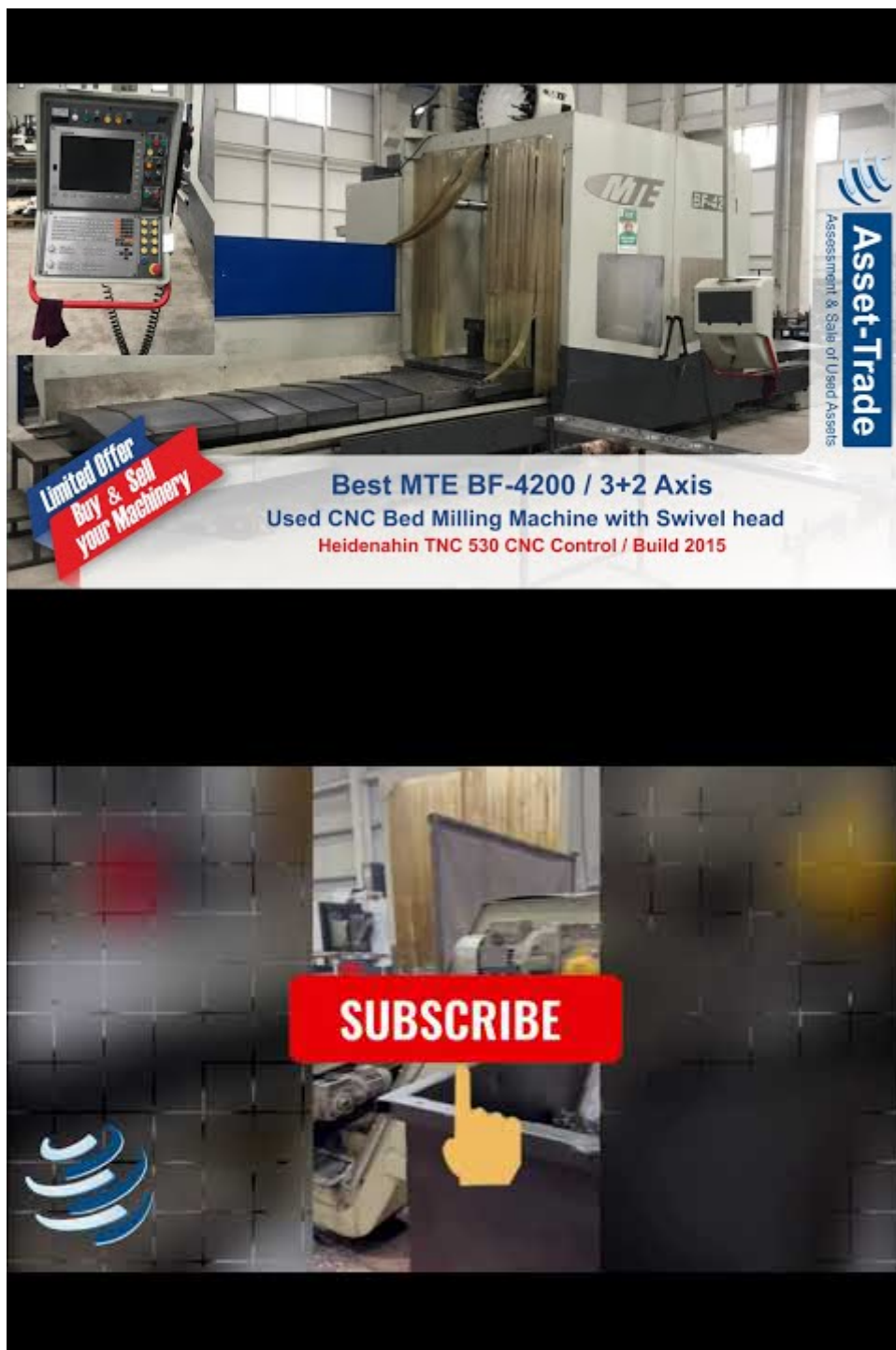
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