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Ref. No.:

1105-01301150

Overview and Technical Data:

HELLER - MC 200 5-Axis

[HELLER](#)

HELLER

Year of Build:
Jan 2007

Description:

Used Heller MC 200 machining center 5 axes

Control CNC Siemens 840D

Technical specifications

- Travel:
 - X-axis 800.0 mm
 - Y axis 800.0 mm
 - Z axis 1000.0 mm
 - Table size 630.0 mm x 500.0 mm
 - Workpiece weight 1500.0 kg
 - Tool changer 55x
 - Spindle cone HSK100
 - Max. Spindle speeds 10,000 rpm
 - Spindle motor power 37 kW / 490Nm
 - Number of pallets 2.0
 - IKZ 50 bar
 - Dimensions length x width x height 7.0x 3.2x 4.0m
-

The distinct advantages offered by the machine are:

Robust bed construction giving a high degree of machine rigidity · Well dimensioned motor spindles providing excellent power at the spindle and best milling characteristics · Maintenance-free AC motors for main spindle and feed drives · High fine boring quality due to direct spindle drives · High thermal stability of the unit is achieved by grease-lubricated spindle bearings and a water-cooled motor spindle drive · Shortest positioning times through high rapid traverse rates and fast acceleration values · Low-friction roller bearing guideways, robust ball screw drives together with direct path measurement with absolute linear scales give higher positioning and circular interpolation accuracy · Optimum acceleration of linear axes through good relation of masses and drive design · A wide speed range and internal coolant supply through the spindle give optimum tool utilisation · Controlled tool changers equipped with servo motors provide shortest chip-to-chip times · Short tool access times through clockwise/anticlockwise rotation and high speed of the magazine and direct access of the tool changer to the magazine places · Machine is ready for integration into highly automated HELLER manufacturing system · Efficient chip disposal and compact work area · Enclosed work area provides a clean machine environment. · User-friendly operation of the control promoting efficient workshop practices

Technical Data:

Technical Data:

Control:

[SINUMERIK 840D](#)

Spindle Speed:

10.000 rpm

Tool Capacity:

55 x

Travels:

X-Axis:

800 mm

Y-Axis:

800mm

Z-Axis:

1.000 mm

Dimensions and Weight:

Height:
4.000 mm
Width:
3.200 mm
Length:
7.000 mm
Weight:
21.000 kg

Buyer Information:

Condition:
[Very good condition](#)
Availability:
[Sold](#)
Sold as:
[EXW \(Ex Works - Incoterm\)](#)
VAT:
[19 %](#)
Location:
Germany



HELLER

HELLER



2



3



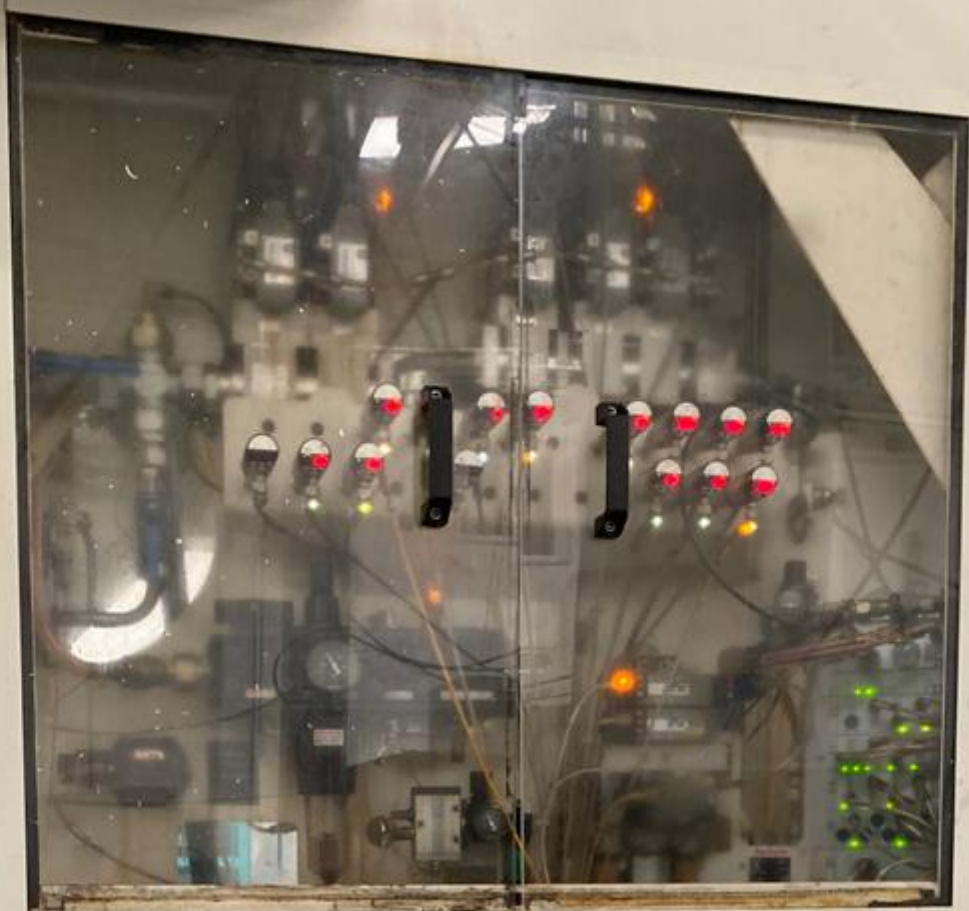




HELLER
MC 200













Y = 800 (+310 Überhub)

max. 500

1350 UK-WS

1100 RT OK

Z = 1100

Ø1200
Stützreis
A-Achse

90°

180°

Y+

Z+

500 max. Pos für
A-Achse = 90°

710 max. Pos für
A-Achse = 90°

X = 800

400

400

max
Werkstück

250

zusätzlicher Bereich
für Vorrichtung

B+

570

900 max. Hublage
schwenken B-Achse (Ø900)

310 max. Hublage
schwenken B-Achse (Ø900)

6190

Video:



Asset-Trade

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[EXW \(Ex Works - Incoterm\)](#)
VAT:
[19 %](#)
Location:
Germany



The image shows the control panel of a Heller MC 200 machine. The panel is white with a large black Siemens SINUMERIK screen. The screen displays a CNC program with the following data:

Work	Position	D: 1000	Master spindle	D1
A	15.4 911	0.000	Act	0.000 rpm
V	17.2 122	0.000	Set	0.000 rpm
Z	17.2 000	0.000	Feed	0.000
A	0.001	0.000	Feed	100.0 %
D	10.0 000	0.000	Power	0%

Below the screen is a control panel with a red emergency stop button, a yellow stop button, and various function keys. The machine is labeled 'HELLER' and 'MC 200'.

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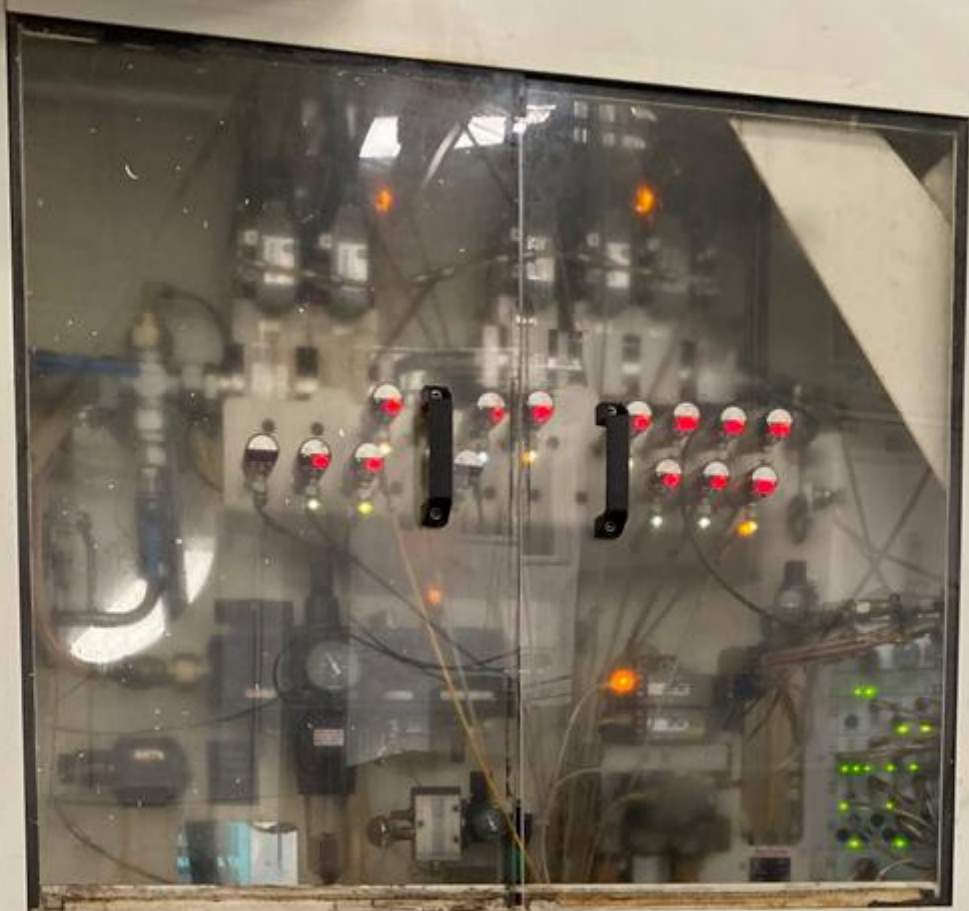




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