



Asset-Trade

Assessment & Sale of Used Assets

Ref. No.: 847-11212233



Overview and Technical Data:

**DMG DECKEL SAUTER DENTAL 10 /
ULTRASONIC**

DMG DECKEL

DMG / MORI SEIKI



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Description:

Reference Specification Sheet: The **DMG DECKEL Sauer Dental 10 / Ultrasonic 10** by **DMG DECKEL** is widely recognized as a high-precision **Universal Machine Centres** for demanding manufacturing applications. Typical for this series is the proven **TNC 430** CNC control. This unit was successfully brokered via Asset-Trade. The verified technical specifications and photo documentation serve as a reliable market and valuation benchmark for buyers and sellers.

Technical Key Facts & Specifications

Manufacturer	DMG DECKEL
Model	Sauer Dental 10 / Ultrasonic 10
Category	Universal Machine Centres
CNC Control	TNC 430
Year of Build	2012
Spindle Speed	40.000 RPM

Travel Paths (X/Y/Z) X: 120 mm / Y: 120 mm / Z: 200 mm

Status: Brokered & Sold (Archive Reference)

Used DMG SAUTER DENTAL 10 / ULTRASONIC 10 5-Axis-Universal Machining Center

Technical Data

- Traverse range X/Y/Z 120/120/200 mm with ballscrew drive (X / Y / Z)
- NC-swivel-/ rotary table
- A-axis with direct torque motor Swivel range: -10° to 120° RPM: max. 100 1/min
- C-Axis: NC-Rotary Table Ø 190 mm with direct torque motor integrated
- in swivel axis Range: 360° infinite
- RPM: max. 150 1/min.
- Machining spindle with HSK-E 25 tool holder
- Max. rpm : 40.000 1/min
- Max. tool length: 130 mm



- Max. tool diameter: 49 mm
- Max. clamping diameter (shaft): 6 mm
- External coolant supply Tank (80 L), Pump (2 bar), spray nozzles at spindle, filter
- system (manually filter change)
- Automatic Pickup-Tool Changer with 16 magazine places for HSK-E 25 / HSK-S 25 tool holders
- DMG PowerProbe 400 Infrared-measuring probe for workpiece measurement
- Preparation Ethernet – interface
- Incl. preparation for
- zero-point clamping system
- Incl. preparation ULTRASONIC
- Spindle with HSK-32 tool holder
- Max. 40.000 1/min
- S1 (100% DR): Max. 1,6 Nm and 6 kW
- S4 (40% DR): Max. 2,0 Nm and 7,7 kW
- 2011 Technology Package ULTRASONIC
- including:
- ULTRASONIC spindle
- Ultrasonic-Transmission via induction Tool holder: HSK-E 25
- Max. RPM (ULTRASONIC): 40.000 1/min
- Process monitoring:
- Adaptive Control (ADC) and Acoustic Control (ACC) for automatic feed adjustment in realtime
- during the process
- Inner coolant supply (ICS) through the spindle middle
- Oil / emulsion mist exhaust system
- Coolant reprocessing plant KMA 10 H external coolant tank with high pressure pump and filter system recording tool: HSK-E 25
- Renishaw Laser System NC-4 III - Laser tool measurement - max measurable tool Ø: max. 30 mm max. measurable tool length: 200 mm
- 3D quickSET - Toolkit for check and correction of the kinematic accuracy of 5-axes machine configuration
- Automation PH 2 | 120 (Version 2) - Handling of blanks (palletized), glass ceramic blocks (palletized) and finished part reservoirs

Incl. setup position

- Raw material capacity for 10 palletized blanks
- 50 glass ceramic blocks (palletized)
- Capacity for 100 finished part reservoirs
- Incl. 10 finished part reservoirs Automation includes no pallets and clamping systems!



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Looking to sell a used DMG DECKEL machine?

Asset-Trade provides free, expert machinery valuation for your used DMG DECKEL. We market your equipment directly to our global network of over 100,000 verified industrial buyers.

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Technical Data:

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Control: TNC 430
Spindle Speed: 40.000 rpm

Travels:

X-Axis: 120 mm
Y-Axis: 120mm
Z-Axis: 200 mm

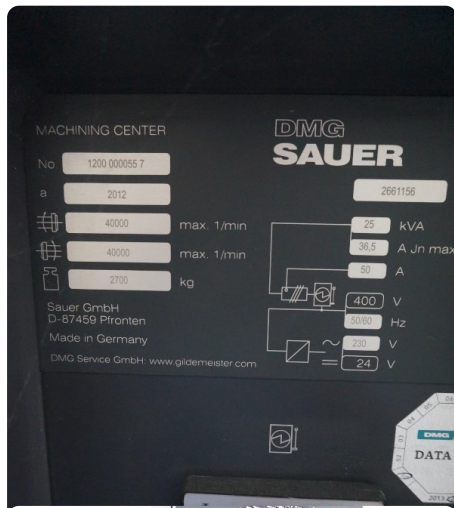
Buyer Information:

Condition: Like New
Availability: Sold
Sold as:
EXW (Ex Works - Incoterm)
VAT: 19 %
Buyers Premium: 16 %
Location: Germany



Images:





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