



Asset-Trade

Assessment & Sale of Used Assets

Ref. No.: 1525-0780800



Overview and Technical Data:

2019 CMZ TD35Y CNC-lathe

CMZ

Year of Build: Jan 2019



Description:

Used CMZ TD-35Y CNC Lathe: Power, Precision, and Reliability for Complex Machining

CNC Control Fanuc

Discover the pinnacle of turning performance with the CMZ TD-35Y. Engineered for demanding, high-production environments, this machine combines raw power with exceptional precision, all built upon CMZ's 80-year legacy of manufacturing excellence. The TD-35Y, part of the acclaimed TD Series, integrates a Y-axis and driven tooling to enable complex, multi-axis machining in a single setup, drastically reducing cycle times and increasing efficiency.

Key Features

Unmatched Rigidity and Stability The foundation of every TD series machine is its **highly rigid cast iron monobloc machine bed**. This single-piece construction, paired with **strong prismatic guideways**, provides outstanding vibration dampening, leading to superior surface finishes and extended tool life. **Advanced Thermal Control** CMZ has engineered a comprehensive cooling system to ensure exceptional thermal stability.

- **Integrated Spindle Cooling:** The main spindle motor is integrated directly into the headstock and features oil cooling, eliminating belts and pulleys for a quieter, more reliable operation.
- **Axis Cooling:** The X and Y-axis ballscrew nuts and mounts are oil-cooled
- **Bedplate Sensor:** A thermal sensor in the bedplate continuously monitors and controls the temperature of the cooling oil for the spindles, screw nuts, and turret
- **Laser Compensation:** Every machine features bi-directional and interpolated laser compensation on all axes, including the C-axis, for sustained accuracy.

High-Performance Spindle The integrated spindle motor delivers impressive power and torque, with faster acceleration and braking times. This design enhances accuracy and significantly improves machining efficiency.

- **Maximum Power:** 48 kW (S3 25%)
- **Maximum Torque:** 1500 Nm

Dynamic Turret with Driven Tools The turret is designed for speed, power, and precision.



- **High-Speed Indexing:** Tool changes are executed in just 0.2 seconds for adjacent positions and 0.5 seconds for a 180° rotation.
 - **Powerful Driven Tools:** The built-in motor provides 12,000 rpm, 13 kW of power, and 105 Nm of torque for demanding milling, drilling, and tapping operations.
 - **Hydraulic Clamping:** A robust hydraulic system ensures rigid tool clamping for maximum performance.
 - **Oil Cooling:** The entire turret is oil-cooled for greater thermal stability during prolonged use.
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Technical Specifications: TD-35Y

Capacity

- Max. Swing Over Bed: 950 mm
- Max. Turning Diameter: 715 mm
- Max. Turning Length (Z800 / Z1350): 800 mm / 1350 mm

Main Spindle

- Spindle Nose: ASA A2-8"
- Spindle Speed: 3,000 rpm
- Bar Capacity: 95 mm
- Recommended Chuck Size: 315 / 400 mm
- Motor Power (S3 25% / S1): 48 kW / 39 kW
- Max. Torque (Max / S3 25% / S1): 1500 Nm / 1273 Nm / 1035 Nm

Axes

- X-Axis Travel: 380 mm
- Z-Axis Travel: 800 mm / 1350 mm
- Y-Axis Travel: ±80 mm
- Rapid Traverse Rate (X, Z, Y): 30 m/min, 30 m/min, 15 m/min

Turret & Driven Tools

- Number of Stations: 16
- Tool Holder Type: BMT
- Driven Tool Speed: 12,000 rpm
- Driven Tool Power: 13 kW
- Driven Tool Torque: 105 Nm

To learn more about how the CMZ TD-35Y can revolutionize your production, please contact us



Capacity

Max. Swing Over Bed	950 mm
	■
Max. Turning Diameter	715 mm
	■
Max. Turning Length (Z800 / Z1350)	800 mm / 1350 mm
	■

Main Spindle

Spindle Nose	ASA A2-8"
	■
Spindle Speed	3,000 rpm
	■
Bar Capacity	95 mm
	■
Recommended Chuck Size	315 / 400 mm
	■



Main Spindle

Motor Power (S3 25% / S1) 48 kW / 39 kW



Max. Torque (Max / S3 25% / S1) 1500 Nm / 1273 Nm / 1035 Nm



Technical Data:

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Control: FANUC
Turning length: 1350.00 mm
Turning diameter: 800.00 mm
Spindle Speed: 12000.00 rpm
Driven Tools: 16.00
Tool Capacity: 16 x
Tailstock: Yes
Bezel: Yes

Dimensions and Weight:

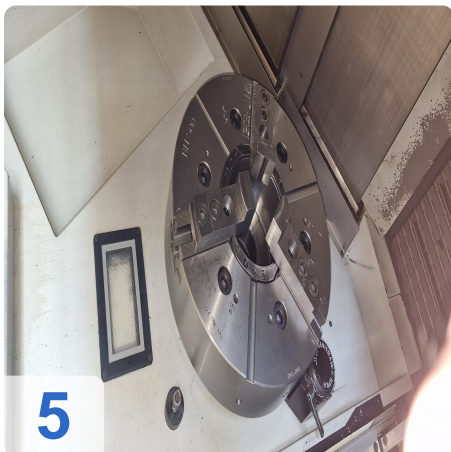
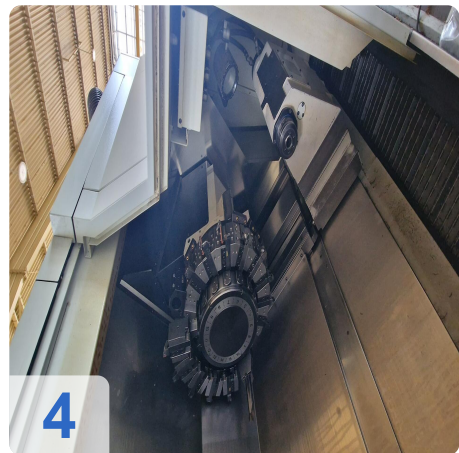
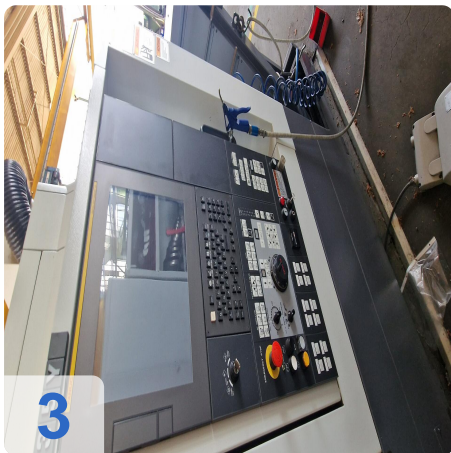
Height: 1900 mm
Length: 2803 mm
Width: 1930 mm

Buyer Information:

Condition: Very good condition
Available: Immediately
Sold as:
EXW (Ex Works - Incoterm)
VAT: 19 %
Buyers Premium: 18 %
Location: Germany



Images:

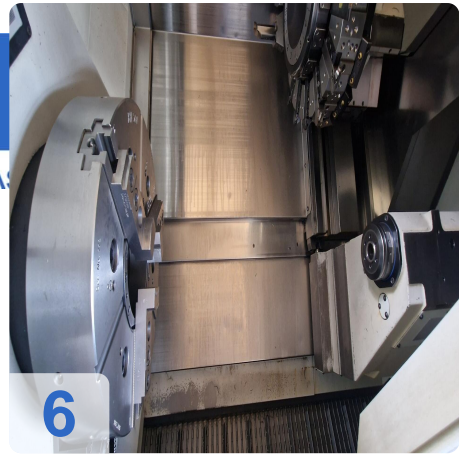




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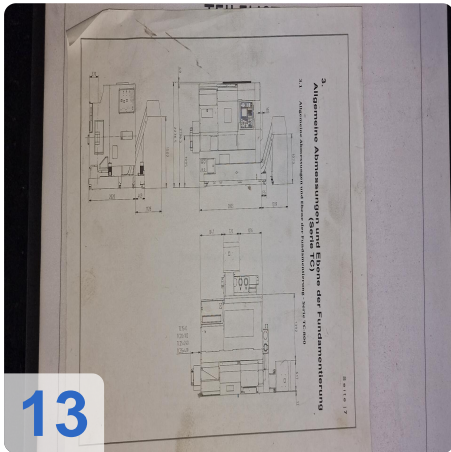
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**Assessment and Sale of Used Assets world
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