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DTL-14M Vertical Turning Lathe 1350 mm





Main image of the DTL-14M model

DTL-14M 1400 mm Single-Column CNC Vertical Turning and Milling Machining Centre

DTL-14M Vertical Turning Lathe

CNC Vertical Turning Lathe for Turning and Multi-Task Machining of Workpieces up to 1350 mm

DTL-14M is a single-column CNC vertical turning lathe designed for precision machining of workpieces with a maximum turning diameter of **1350 mm**. The machine combines turning with additional operations such as milling, drilling, tapping and grinding. Thanks to turn-mill functions, it is suitable not only for turning, but also for milling, drilling and tapping more complex components.



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The model is designed for stable, rigid operation and high accuracy. It features, among other things, a rigid ribbed box-type construction, precision spindle bearings, a gearbox for accurate C-axis indexing and an optional ATC automatic tool changer.

1350

Max. Turning Diameter

1350 mm

1000

Table Diameter

1000 mm

950

Max. Workpiece Height

950 mm

4T

Table Load Capacity

4 t

DTL-14M – precision CNC vertical turning lathe for turning and multi-task machining.

The model features a 1000 mm table diameter, 4 t table load capacity, maximum workpiece height of 950 mm, a 37/45 kW main motor, driven spindle, precision 2-step gearbox, hydraulic system and the option of an ATC automatic tool changer.

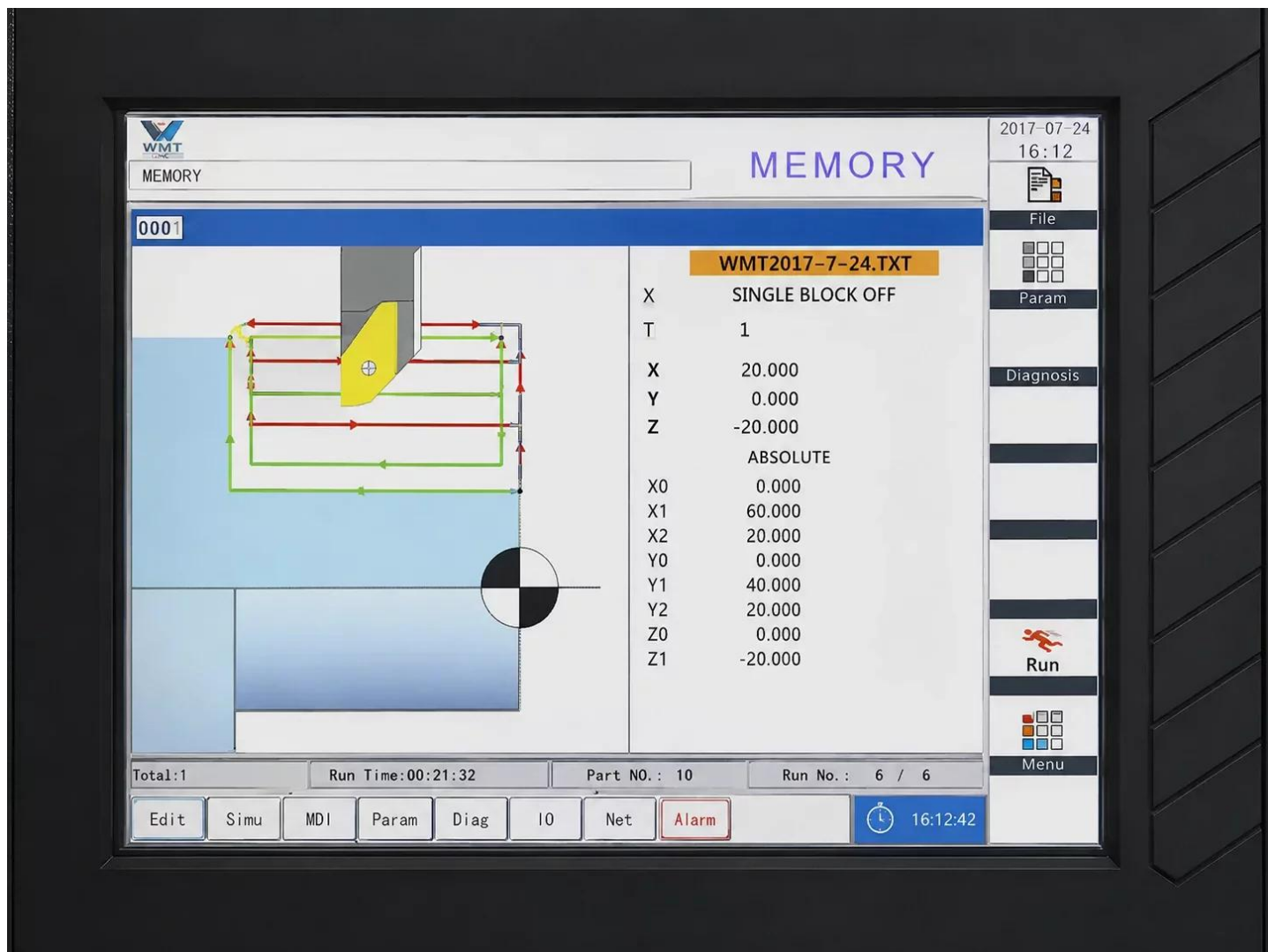
Photo Gallery

Images and Key Components of the DTL-14M Model

5 Images Presenting the Machine's Key Components and Functions



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CNC

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Driven Spindle

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Machining

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2-Step Gearbox



Hydraulics
Technical Features

Key Features of the DTL-14M

Rigid ribbed box-type construction provides very high stability and resistance to machining loads.

Preloaded double-row roller bearing ensures precise spindle rotation and high machining accuracy.

Driven spindle with ISO taper enables milling, drilling, tapping, grinding and other multi-task operations.



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Precision gearbox and drive mechanism are used for accurate C-axis indexing.

Optional ATC automatic tool changer streamlines multi-tool machining and reduces changeover time.

Hydraulic auxiliary systems support stable and safe machine operation in industrial conditions.

Applications

Where Is the DTL-14M Lathe Suitable?

The DTL-14M is suitable wherever a precision CNC vertical turning lathe is required for machining workpieces up to 1350 mm in diameter and 950 mm in height. Thanks to turn-mill functions, the machine is suitable not only for turning but also for milling, drilling and tapping more complex components.

Bushing and ring machining – accurate turning of round and flanged components.

Housing and enclosure production – stable machining of machine parts and industrial components.

Components requiring drilling and milling – the driven spindle enables multi-task machining on one machine.

Production facilities and toolrooms – for efficient batch and single-piece machining of high-precision workpieces.

DTL-14M Specifications

Technical Specifications of the DTL-14M Model

Model **DTL-14M**

Machine Type **CNC Vertical Turning Lathe**

Configuration **Single-column vertical turning lathe for turning and multi-task machining**

Max. Turning Diameter **1350 mm**

Table Diameter **1000 mm**

Max. Machined Workpiece Height **950 mm**

Table Load Capacity **4 t**

Main Motor Power **37 / 45 kW**

Tool Spindle **Driven spindle with ISO taper**

Available Operations **Turning, milling, drilling, tapping, grinding**

Gearbox **2-step gearbox**



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C-Axis Indexing **Precision drive mechanism for accurate positioning**

Hydraulics **Yes**

ATC **Optional automatic tool changer**