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DTL-10M Vertical Turning Lathe 1000 mm





Main image of the DTL-10M model

DTL-10M 1000 mm Single-Column CNC Vertical Turning and Milling Machining Centre

DTL-10M Vertical Turning Lathe

Compact vertical turning lathe for turning and multi-task machining

DTL-10M is a single-column CNC vertical turning lathe designed for precision machining using turning functions and additional operations such as milling, drilling, tapping and grinding. Thanks to turn-mill functions, the machine 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.

1000

Max. Turning Diameter

1000 mm

600

Table Diameter

600 mm

700

Max. Workpiece Height

700 mm

2T

Table Load Capacity

2 t

DTL-10M – precision CNC vertical turning lathe for turning and multi-task machining.

The model features a 13/22 kW main motor, a driven spindle, a precision 2-step gearbox, hydraulic system and the option of an ATC automatic tool changer.

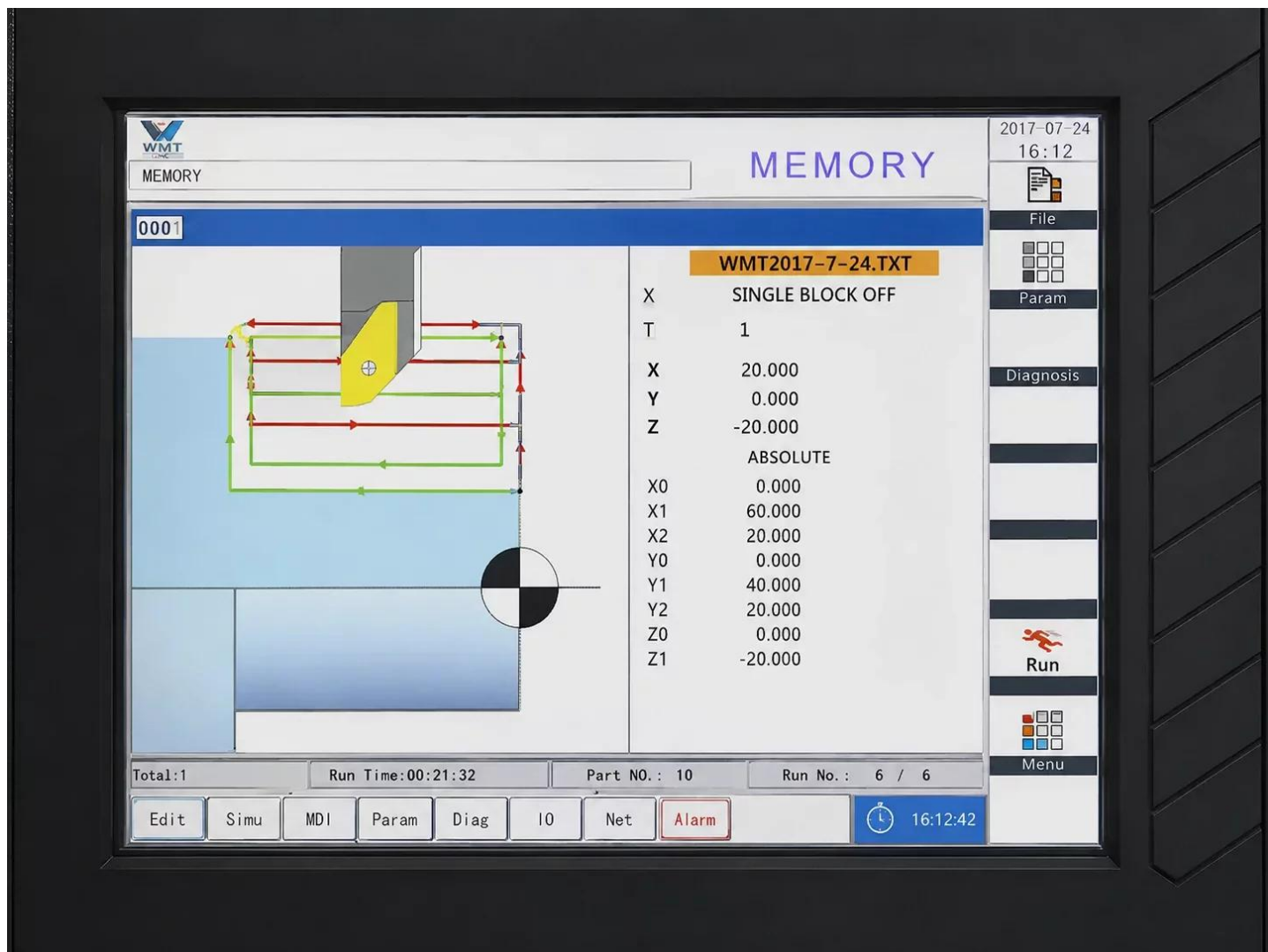
Photo Gallery

Images and Key Components of the DTL-10M Model

5 Images Presenting the Machine's Key Components and Functions



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CNC

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Driven Spindle



Machining

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2-Step Gearbox



Hydraulics
Technical Features

Key Features of the DTL-10M

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-10M Lathe Suitable?

The DTL-10M is suitable wherever a precision CNC vertical turning lathe is required for machining workpieces up to 1000 mm in diameter. 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-10M Specifications

Technical Specifications of the DTL-10M Model

Model **DTL-10M**

Machine Type **Vertical Turning Lathe (DTL)**

Configuration **Compact vertical turning lathe for turning and multi-task machining**

Max. Turning Diameter **1000 mm**

Table Diameter **600 mm**

Max. Machined Workpiece Height **700 mm**

Table Load Capacity **2 t**

Main Motor Power **13 / 22 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**