



KARTA PRODUKTOWA

DTL-16M Vertical Turning Lathe 1600 mm





Main image of the DTL-16M model

DTL-16M 1600 mm Single-Column CNC Vertical Turning and Milling Machining Centre

DTL-16M Vertical Turning Lathe

CNC Vertical Turning Lathe for Turning and Multi-Task Machining of Workpieces up to 1600 mm

DTL-16M is a single-column CNC vertical turning lathe designed for precision machining of workpieces with a maximum turning diameter of **1600 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.



KARTA PRODUKTOWA

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.

1600

Max. Turning Diameter

1600 mm

1250

Table Diameter

1250 mm

1250

Max. Workpiece Height

1250 mm, optional 1600 mm

8T

Table Load Capacity

8 t

DTL-16M – precision CNC vertical turning lathe for turning and multi-task machining.

The model features a 1250 mm table diameter, 8 t table load capacity, maximum workpiece height of 1250 mm with an optional 1600 mm version, a 37/45 kW main motor, driven spindle, precision 2-step gearbox, hydraulic system and the option of an ATC automatic tool changer.

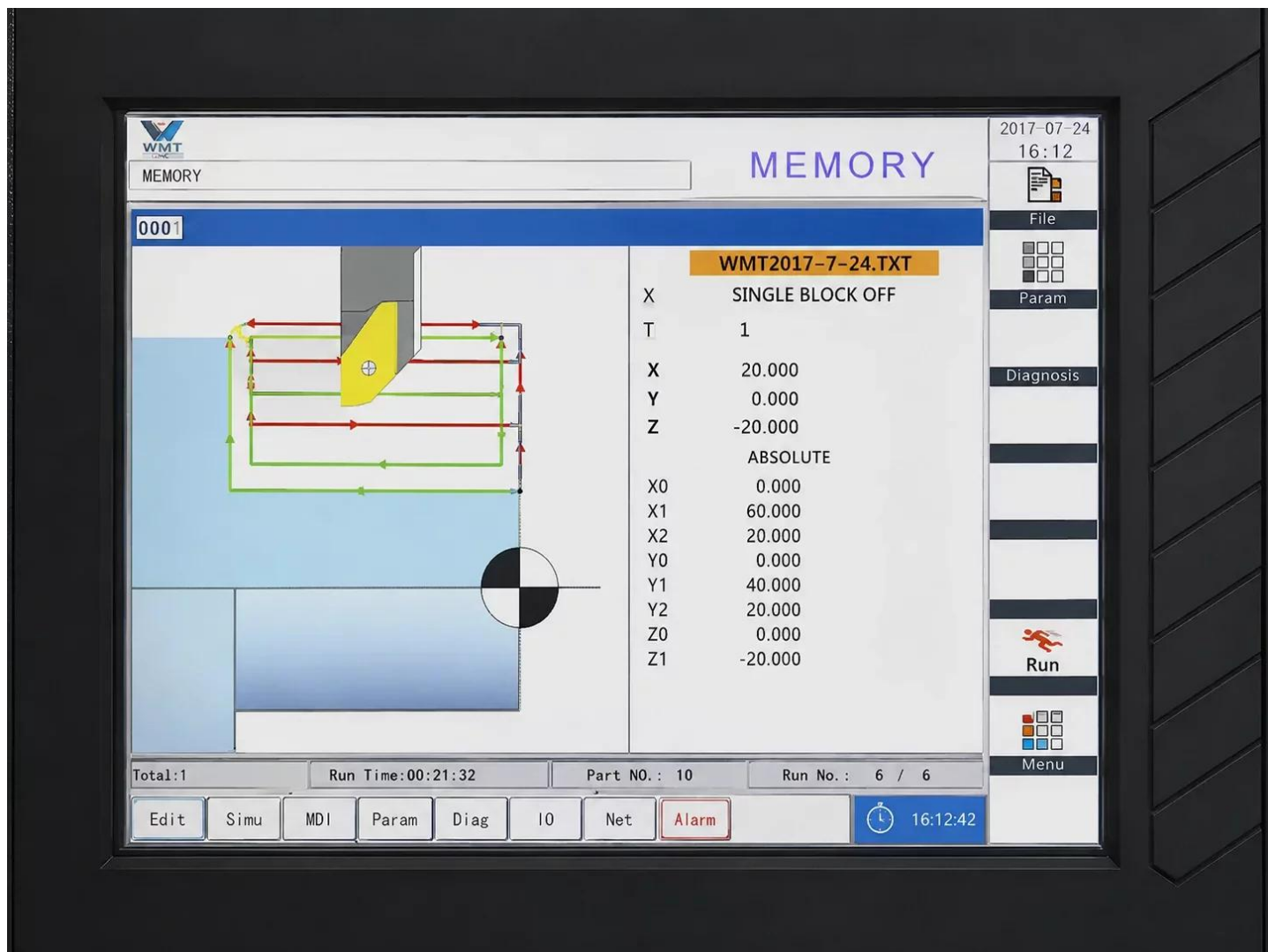
Photo Gallery

Images and Key Components of the DTL-16M Model

5 Images Presenting the Machine's Key Components and Functions



KARTA PRODUKTOWA



CNC

KARTA PRODUKTOWA



Driven Spindle



Machining

KARTA PRODUKTOWA



2-Step Gearbox



Hydraulics
Technical Features

Key Features of the DTL-16M

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.



KARTA PRODUKTOWA

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-16M Lathe Suitable?

The DTL-16M is suitable wherever a precision CNC vertical turning lathe is required for machining workpieces up to 1600 mm in diameter and 1250 mm in height, with the option to increase the workpiece height to 1600 mm. 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-16M Specifications

Technical Specifications of the DTL-16M Model

Model **DTL-16M**

Machine Type **CNC Vertical Turning Lathe**

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

Max. Turning Diameter **1600 mm**

Table Diameter **1250 mm**

Max. Machined Workpiece Height **1250 mm, optional 1600 mm**

Table Load Capacity **8 t**

Main Motor Power **37 / 45 kW**

Tool Spindle **Driven spindle with ISO taper**

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



KARTA PRODUKTOWA

Gearbox **2-step gearbox**

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

Hydraulics **Yes**

ATC **Optional automatic tool changer**