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DTL-26 Vertical Turning Lathe 2600 mm

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Vertical Turning Lathe

DTL-26 Vertical Turning Lathe

Single-Column Manual / DRO Vertical Turning Lathe for Machining Workpieces up to 2600 mm in Turning Diameter

DTL-26 is a single-column vertical turning lathe designed for stable machining of large industrial workpieces. The machine operates in **Single Column, Manual / DRO** configuration and is suitable for machining rings, flanges, pump components, bearing parts and general engineering components.

The construction is based on a rigid body, hardened and precision-ground guideways, a gearbox with 40Cr alloy-steel gears and a table with a 4-jaw chuck and additional T-slots for workpiece clamping.

2600
Max. Turning Diameter
2600 mm
2250
Table Diameter
2250 mm
12T
Table Load Capacity
12 t, opcjonalnie 16 t
37
Main Motor Power
37 kW
Single-Column DTL-26 Lathe for Stable Industrial Machining.

The DTL-26 model combines a rigid construction, hydrostatic bearings, hardened guideways, a gearbox with 40Cr alloy-steel gears, automatic lubrication and a PLC for safe and reliable operation.

Photo Gallery

Images and Equipment Components

Technical Machine Images

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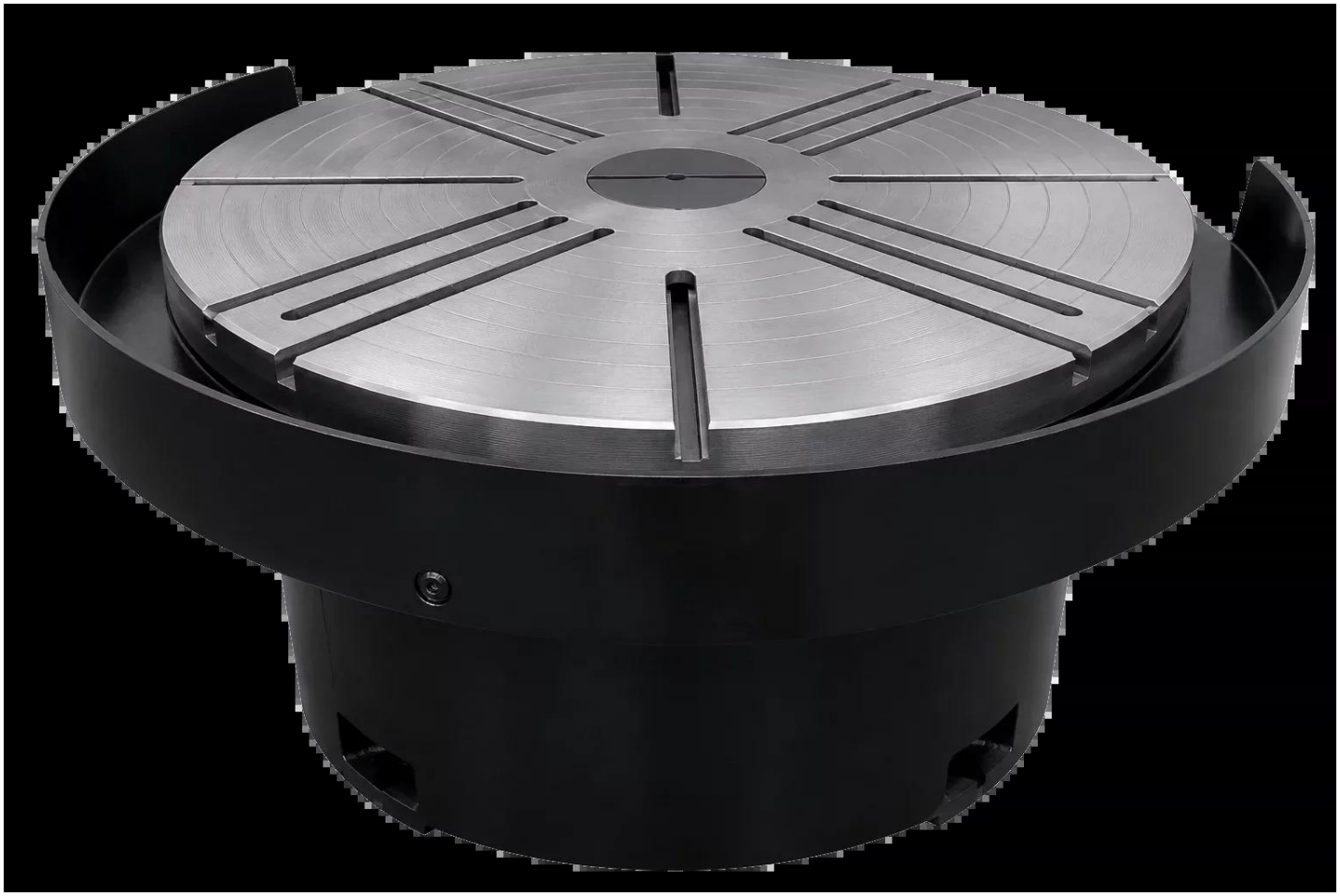

Table

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Operator Panel / DRO

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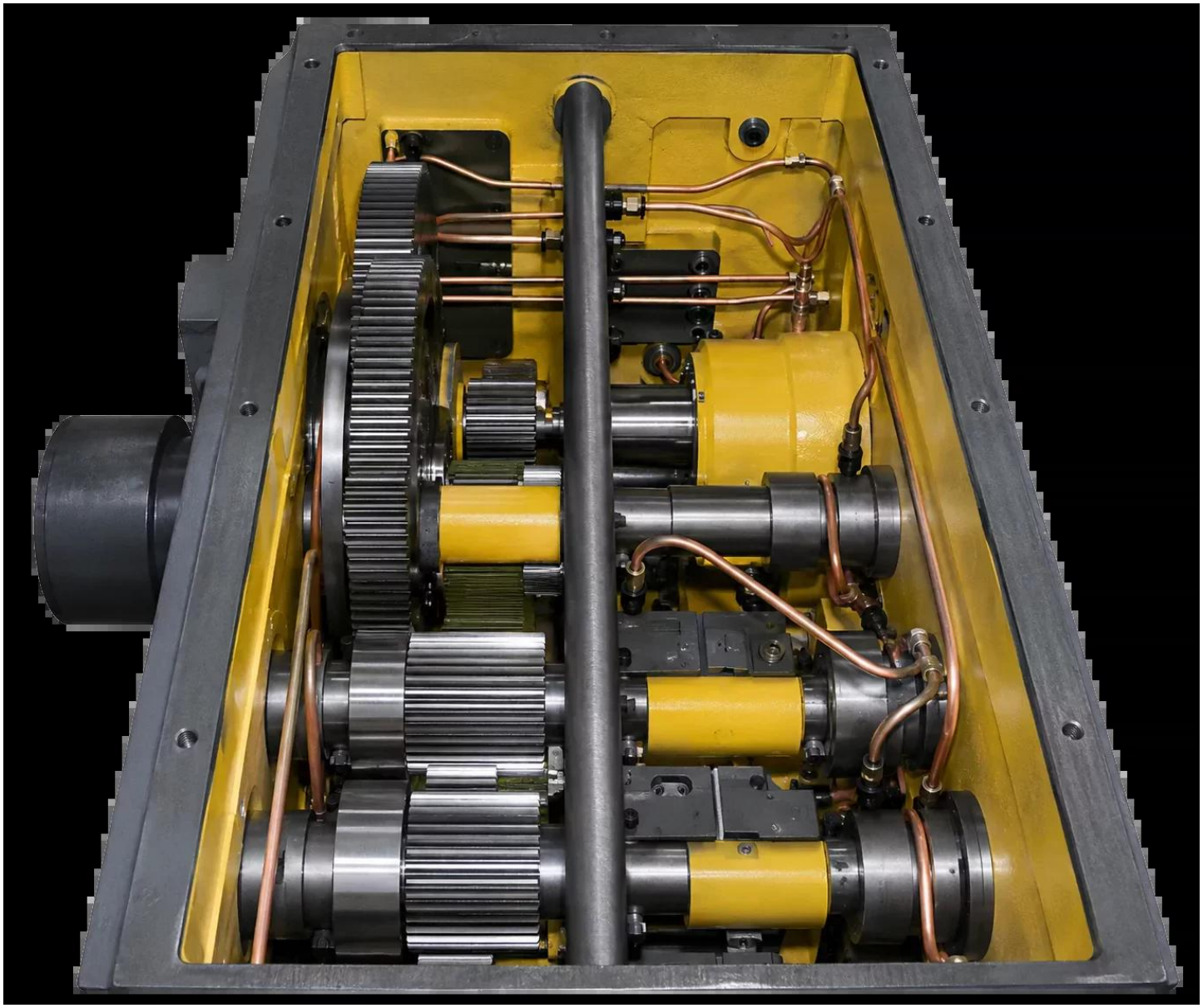

Crossbeam / Guideways

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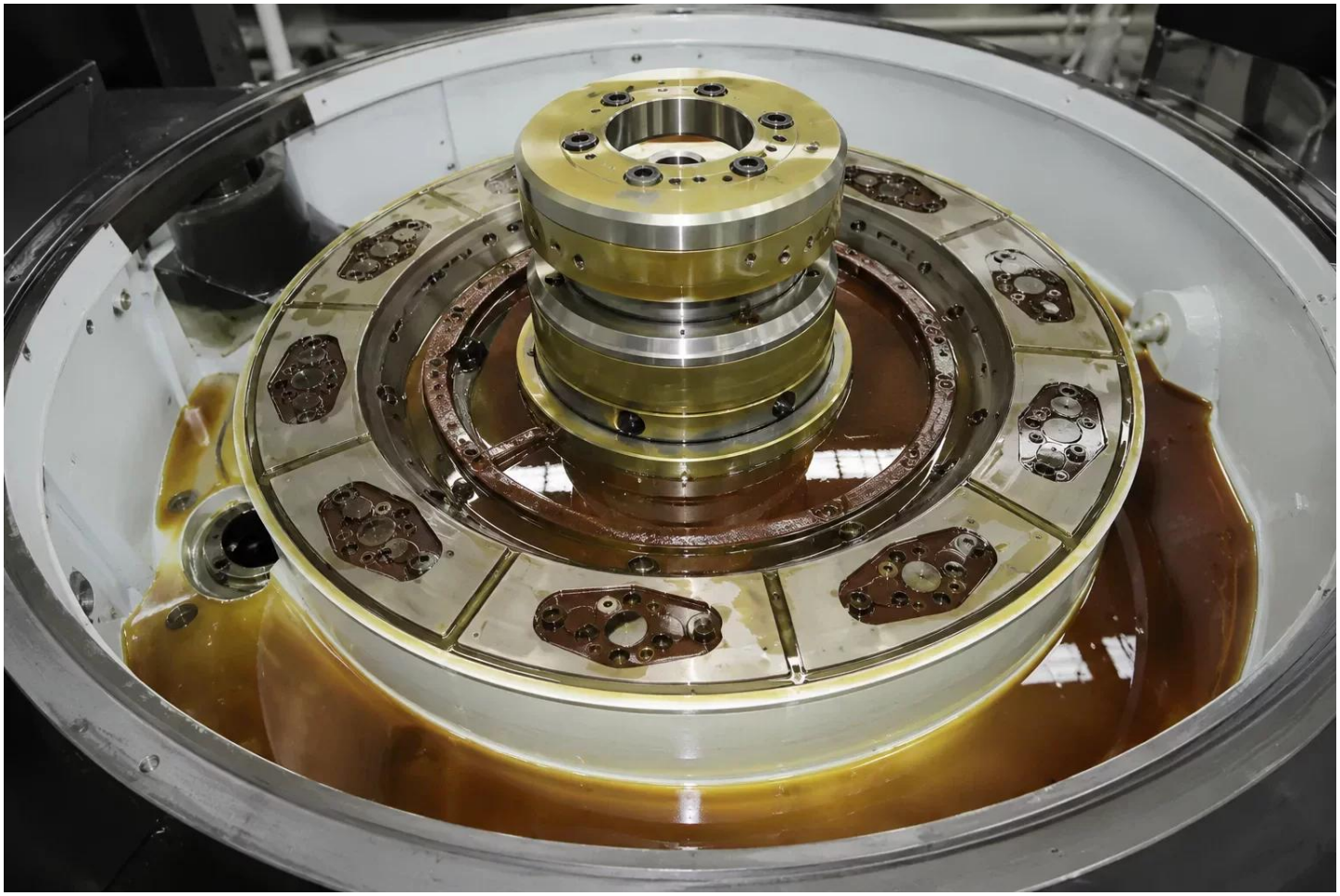

Spindle and Base

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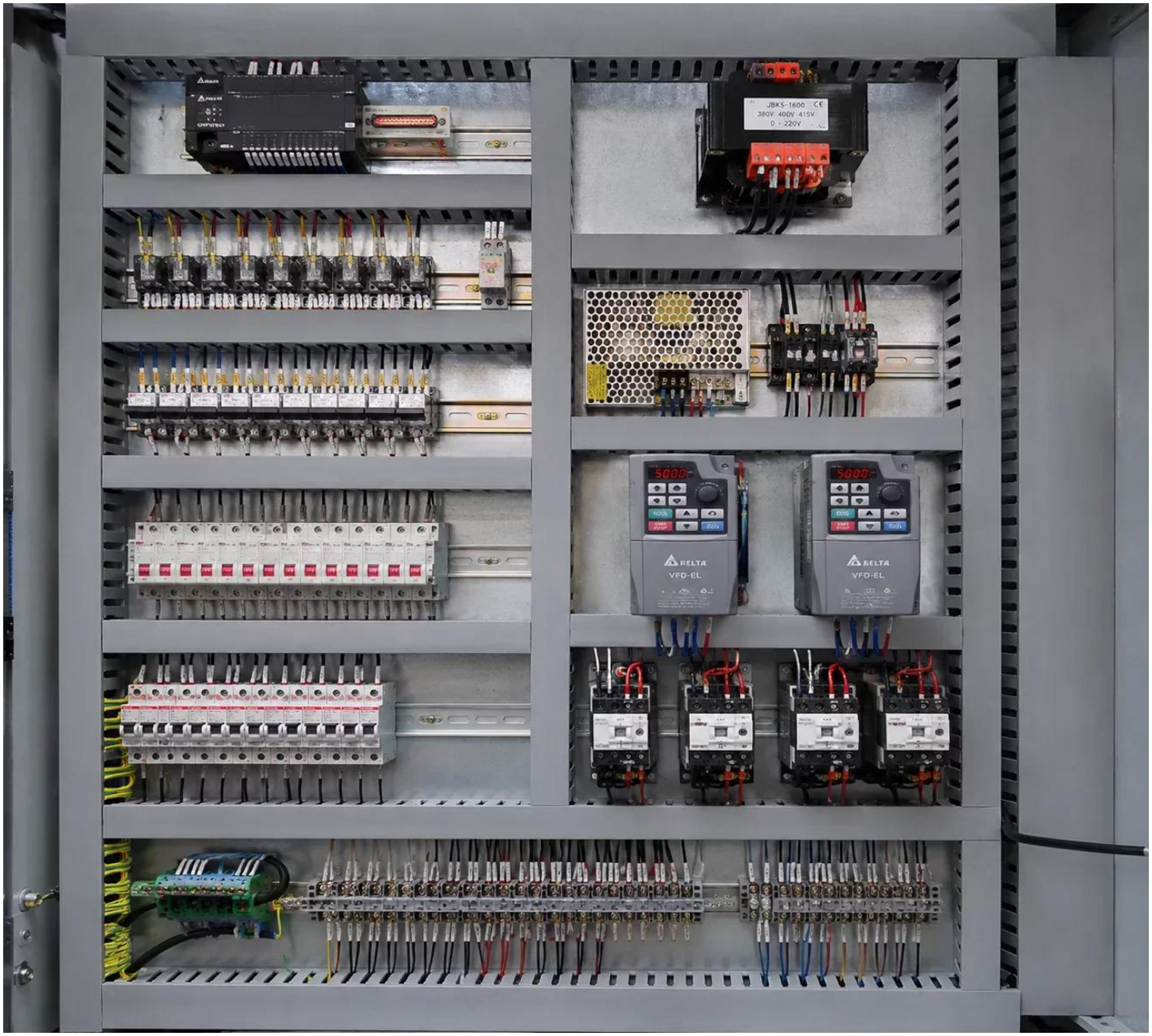

PLC Electrical Cabinet
Standard Equipment

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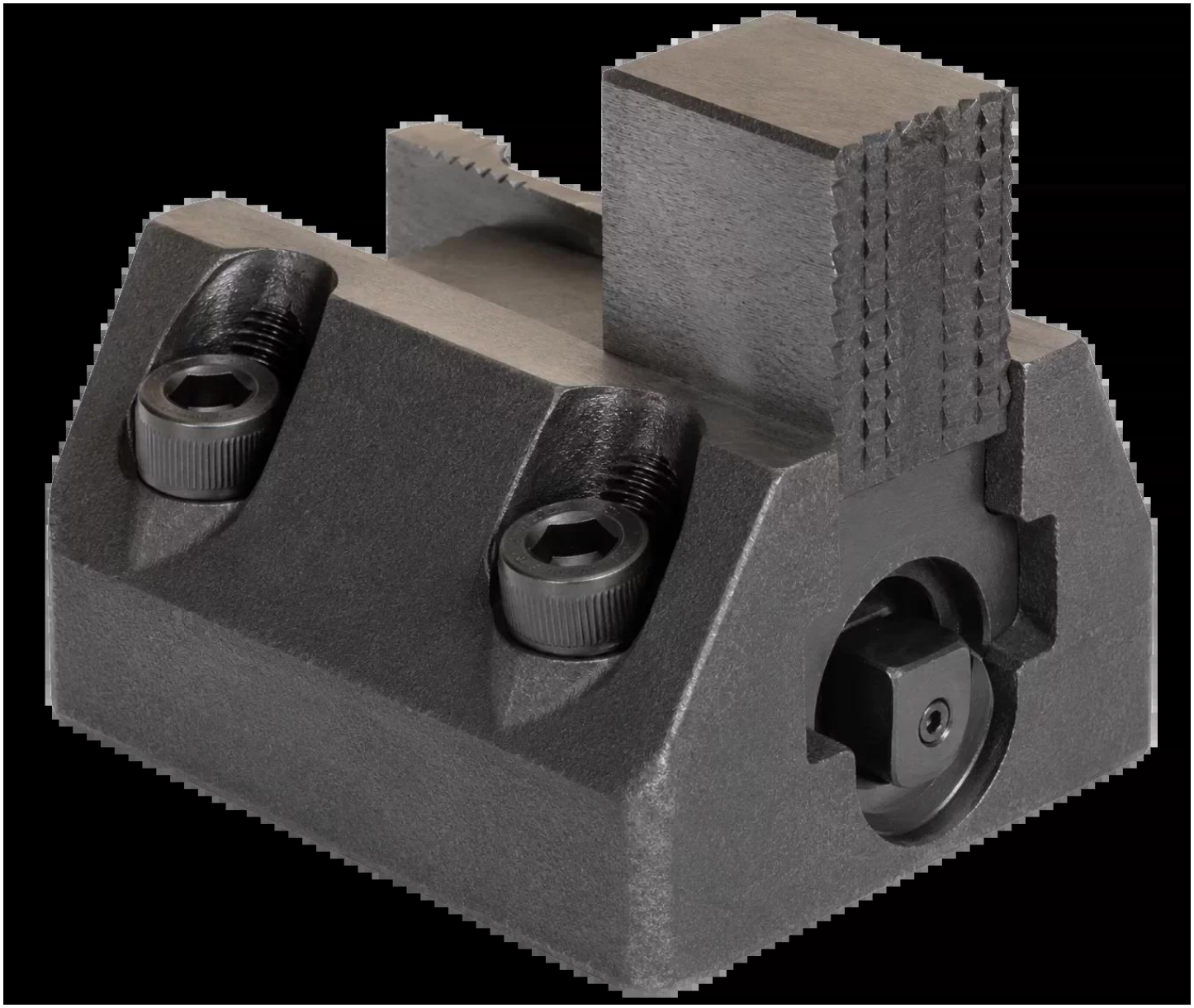

Chuck Jaws

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Tool Holder

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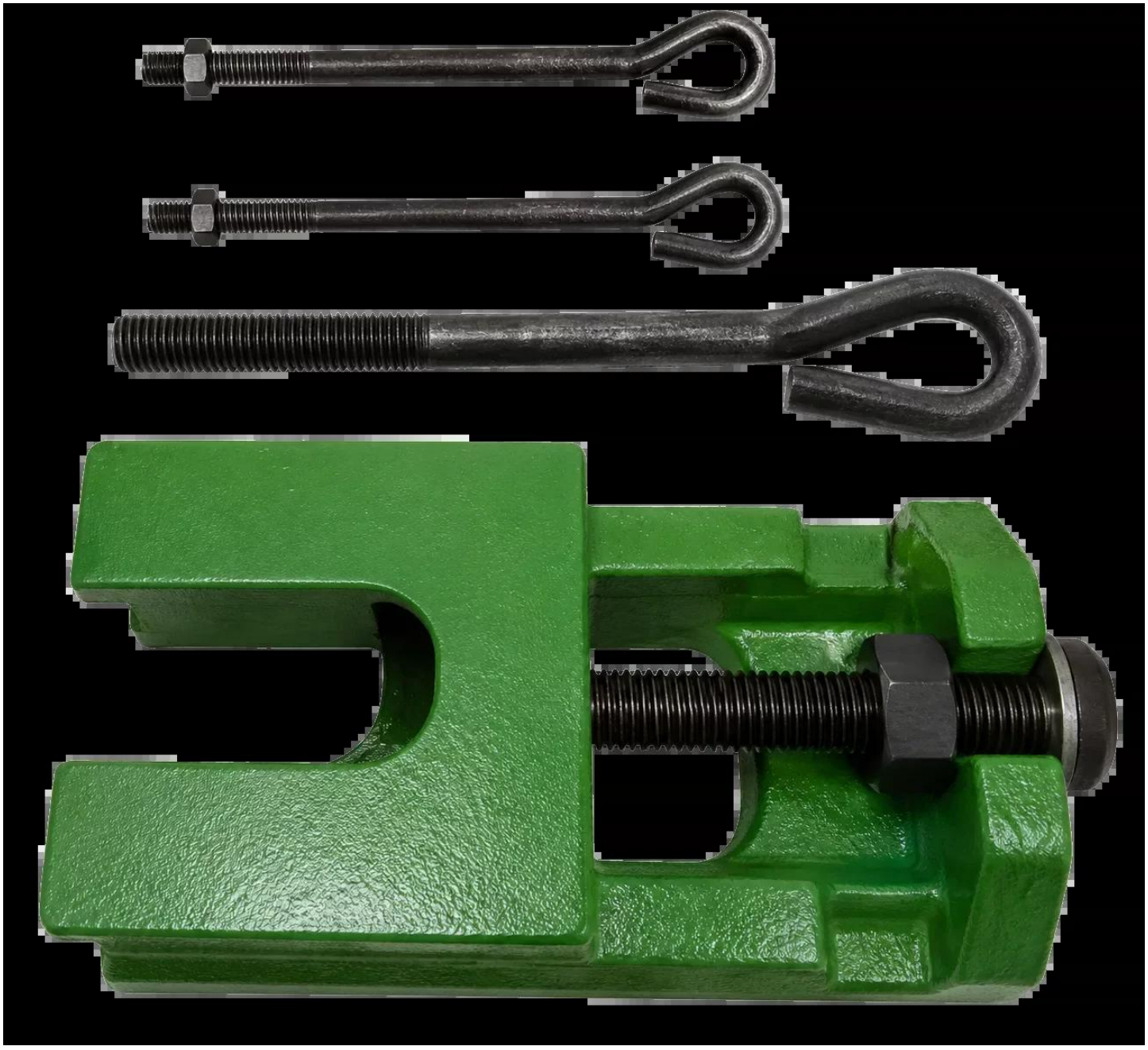

Leveling Wedges and Screws

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Hand Tools

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Oil Can

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Optional Equipment

DRO

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5-Position Turret Head

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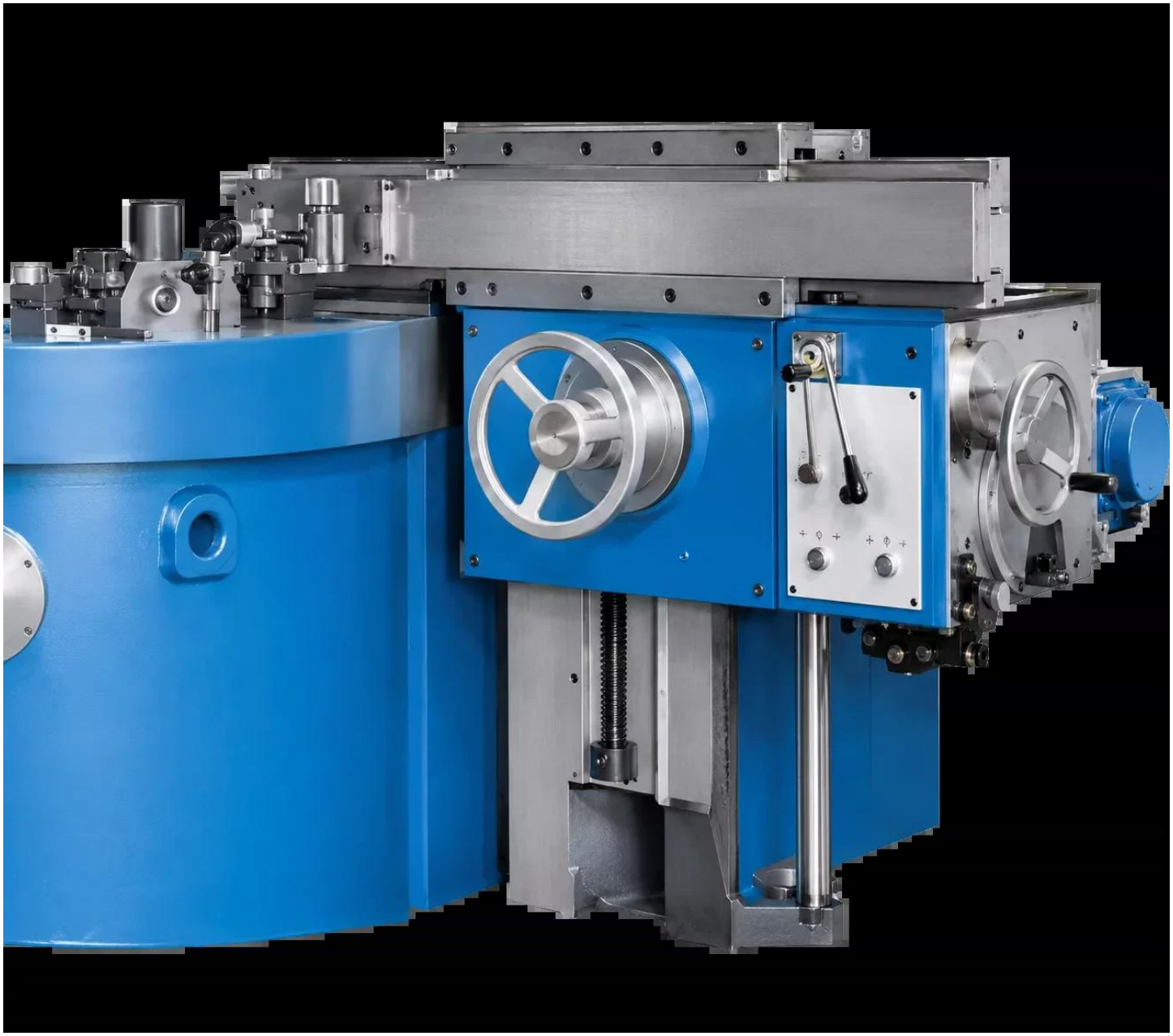

Side Head

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NSK Bearings

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Siemens Motor
Industrial Applications

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Bearing Industry

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Pump Industry

Flange Industry

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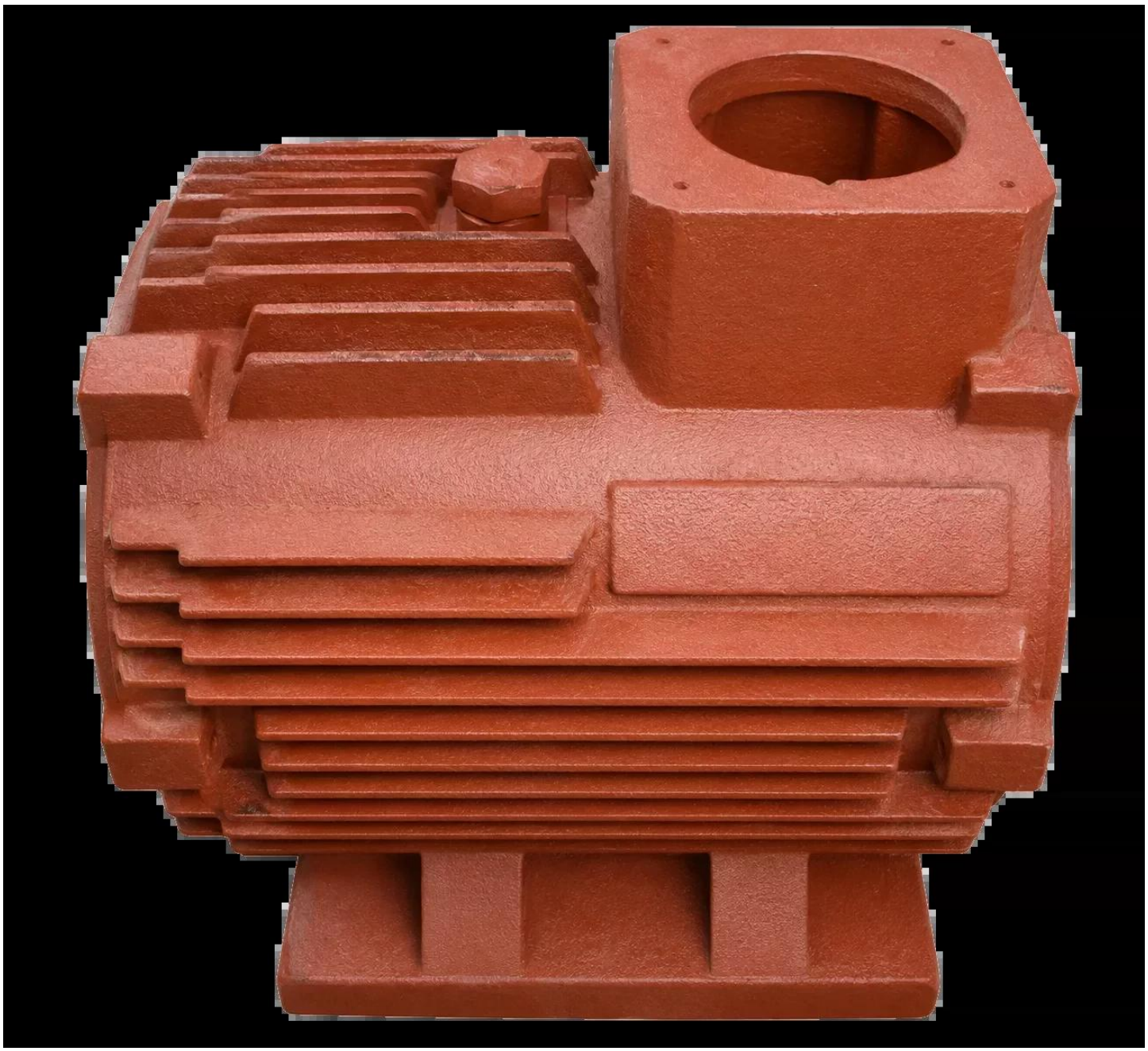

Engine Industry

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General Engineering
Technical Features

Key Features of the DTL-26

High-quality LF / VSR castings and a rigid, stable single-column construction.

Hardened and precision-ground guideways provide longer machine service life.

40Cr alloy-steel gears and forged shafts in the gearbox.

Hydrostatic bearings providing high working-table load capacity.

4-jaw chuck with additional T-slots for secure workpiece clamping.

Tool head arm movable through a range from -300° to +30° on the carriage.

Industrial ZnAl10-5 guideway lining for smooth movement and wear resistance.

PLC ensuring safe, stable and reliable machine operation.

Applications

Where Is the DTL-26 Lathe Suitable?

The DTL-26 is designed for machining large round workpieces, rings, flanges, pump components, bearing components, engine housings and general engineering parts. It is suitable wherever a stable vertical turning lathe is needed for heavy-duty machining.

Bearing industry — machining rings, races and large rotating components.

Pump industry — machining housings, covers and installation components.

Flange industry — turning flanges and pipe components.

General engineering — machining large castings, housings and technical workpieces.

DTL-26 Specifications

Technical Specifications of the DTL-26 Model

Model **DTL-26**
Machine Type **Vertical Turning Lathe — single-column vertical turning lathe**
Version **Single Column, Manual / DRO**
Maximum Turning Diameter **2600 mm**
Table Diameter **2250 mm**
Maximum Machined Workpiece Height **1400 mm, optional 1600 mm or 2000 mm**
Table Load Capacity **12 t, opcjonalnie 16 t**
Spindle Speed Range **2–63 rpm**
Main Motor Power **37 kW**
Machine Weight **26 t, optional 27 t or 28 t**

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Standard Equipment **Chuck jaws, tool holder, leveling wedges and screws, hand tools, oil can**
Optional Equipment **DRO, 5-position turret head, side head, NSK bearings, Siemens motor**
Applications **Bearing, pump, flange and engine industries, as well as general engineering**