# MICRO DYNAMICS - TERA 40V

Manufacturer: **MICRO DYNAMICS**

Type: **TERA 40V**

Description:

**Heavy-Duty Vertical Machining Center**

The **TERA 40V** is designed for high-performance machining where **rigidity, power and larger workpiece capacity** are required.

- **Travel X / Y / Z:** 1,020 / 710 / 635 mm
- **Table:** 1,120 × 700 mm
- **Maximum table load:** 1,500 kg
- **Spindle:** 15,000 rpm
- **Power / Torque:** 31 kW / 141 Nm
- **Spindle taper:** BBT40 / CAT40 / DIN40 / HSK-A63
- **Rapid feed X / Y / Z:** 52 / 52 / 48 m/min
- **Cutting feed:** 20 m/min
- **ATC:** 40 tools, bi-directional / random
- **Machine weight:** 8,040 kg
- **Footprint:** 3,137 × 2,478 mm
- **Positioning accuracy:** 0.005 mm
- **Repeatability:** ±0.0025 mm

Built around a **heavy-duty boxway structure**, 15,000 rpm built-in spindle and Micro Dynamics **DYPEC thermal compensation**, the TERA 40V combines strong cutting performance with precision and stability.

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