MICRO DYNAMICS - TERA 50V

Manufacturer: **MICRO DYNAMICS**

Type: **TERA 50V**

Description:

TERA 50V

Heavy-Duty Vertical Machining Center

The **TERA 50V** combines a large machining envelope with high table capacity, fast axis movement and a powerful built-in spindle.

- **Travel X / Y / Z:** 1,270 / 710 / 635 mm
- **Table:** 1,420 × 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:** approx. 8,600 kg
- **Footprint:** approx. 3,607 × 2,479 mm
- **Positioning accuracy:** 0.005 mm
- **Repeatability:** ±0.0025 mm

Built with **FC300 Meehanite castings**, a 15,000 rpm built-in spindle and Micro Dynamics **DYPEC thermal compensation**, the TERA 50V is designed for large workpieces, heavy machining and stable precision.

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