



DM-12 CNC

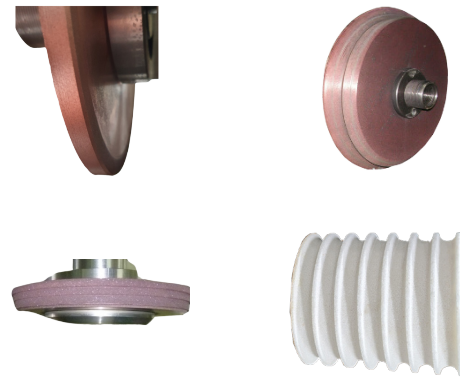
CNC GRINDING WHEEL TRUING & DRESSING MACHINE

The Tridex DM-12 CNC Grinding Wheel Dressing Machine is your **standalone solution** for precision grinding wheel dressing. Capable of **dressing wheels up to 12" (310mm) in diameter and 9.4" (240mm) wide**, this versatile machine seamlessly integrates into your manufacturing process. Its **interchangeable arbors** ensure **compatibility across all in-feed, thru-feed, and OD/ID grinders using wheels within the size envelope**. It is designed to handle aggressively hard **electrochemical resin bonded wheels** used on Tridex ECG Grinding Machines. **Shape wheels offline for uninterrupted production**, optimizing your grinder's efficiency. Fully CNC-controlled, the DM-12 enables **precise dressing of custom wheel geometries**, ensuring utmost accuracy. Elevate your grinding process with the Tridex DM-12 CNC – the ultimate solution for **precision, reliability, and productivity**.



KEY FEATURES

- Interchangeable arbors ensure compatibility across all in-feed, thru-feed, and OD/ID grinders using wheels within the size envelope.
- Standalone machine that CNC dresses precision contours in vitrified, resin, and superabrasive grinding wheels.
- Designed to handle aggressively hard electrochemical resin bonded wheels used on Tridex ECG Grinding Machines.
- Fully functional Mitsubishi CNC control with color HMI screen.
- Ensures uninterrupted grinding by dressing wheels offline.
- Uses long lasting diamond dressing rolls of various shapes.
- Adapts to diverse workshop layouts, maximizing space efficiency.
- Standard coolant and filtration system.
- 5.5kW Main Spindle Motor
- 0.75kW Dressing Spindle for 4-6" Diameter Dressing Rolls



The DM-12 CNC supports grinding wheels up to 12" diameter and 9.4" wide.

SPECIFICATIONS

Wheel Diameter Max: 12" (310mm)

Wheel Width Max: 9.4" (240mm)

Rapid Traverse speed (X axis): 1200"/min (30mm/min)

Rapid Traverse speed (Z axis): 1200"/min (30mm/min)

Electrical requirements: 480VAC, 3PH, 50/60Hz

Power Consumption: 20kVA

Machine Footprint: 78" x 74" x 73" (1980mm x 1880mm x 1850mm)

Machine Weight: 6,600 lbs (3,000 kg)



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