

DM-9CNC

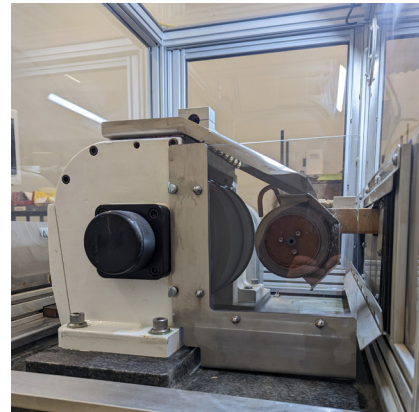
CNC WHEEL DRESSING MACHINE

The Glebar DM-9CNC is a standalone dressing machine designed to dress 9" (229mm) diameter by up to 10-1/8" (257mm) wide wheels used on the PG-9BHD and PG-9DHD Plunge Grinders. It allows a wheel to be contour dressed in the same method employed on the grinder. Using linear encoders attached directly to the slide, the DM-9CNC ensures accurate positioning under all conditions so the resulting contour is always true to form.



KEY FEATURES

- Standalone machine, available for both 9" and 10" work wheels, that CNC dresses precision contours in vitrified grinding wheels.
- Powered by a brushless servo motor, it offers high torque and closed-loop velocity control at up to 10,000 RPM.
- Built on a granite bed for optimal thermal stability and vibration control.
- Wheel contour can be generated in CAD or entered directly as linear and circular positions on the large 15" touchscreen interface.
- The roll dress spindle on the DM-9CNC is extremely rigid and precise, with runout less than 0.00005" (1.3 μm).
- The two servo-driven slides feature 0.1 μm glass scale feedback for accurate formatting.
- The DM-9CNC uses linear encoders attached directly to the slide, ensuring accurate positioning under all conditions so the resulting contour is always true to form.
- Linear roller ways deliver ultra smooth motion and long life.
- Dresser path, wheel shape, and dresser position are all rendered in real time on the screen.



SPECIFICATIONS

Work Wheel Diameter: 9" (229mm) or 10" (254mm)

Work Wheel Power: 2HP (1.5 kW)

Work Wheel RPM: 500 - 2,400

Work Wheel Width: 10.125" (257mm)

Machine Weight: 3,000 lbs (726 kg)

Roll Dress RPM: 1,000 - 10,000

Platform: Granite

Controller: Multi-axis

Electrical requirements: 480VAC, 3PH, 60Hz, 40A

Air requirements: 80-90PSI, 3CFM

Machine Footprint: 36" x 60" x 84" (91cm x 152cm x 213cm)



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