



# GT-610M

## THRUFEED CENTERLESS GRINDER

### MACHINE SHOP SYSTEM

Built for the machine shop, the GT-610M Thrufeed Centerless Grinder is an affordable, compact, precision centerless thrufeed grinding machine. Featuring its 8-5/8" wide x 10" diameter work wheel, it can remove more material faster, and with better surface finishes, than competing machines with narrower grinding wheels.



#### KEY FEATURES

- Can grind spool valves, bar stock, pins, bushings, metals, hard and green ceramics, and other engineered materials, with a smaller footprint than competing machines.
- The GT-610M includes independent upper and lower slides, and a blade height ramp system for finite blade adjustment.
- Tooled to grind materials ranging from hard carbide, titanium bar stock to polymers and everything in between.
- The system's two independent slides, which control the regulating wheel and the blade that holds the part being ground in place, provide significantly easier set up than competing systems.
- A twin grip super precision spindle and a 8 5/8" wide work wheel in a compact footprint make this the ideal machine shop solution.

#### SPECIFICATIONS

**Regulating Wheel Dimensions:** 6" diameter x 10" wide

**Regulating Wheel Power:** 2HP (1.5kW)

**Regulating Wheel RPM:** 10-200

**Work Wheel Dimensions:** 10" (254mm) diameter x 8-5/8" wide (219mm); 6400 Surface Feet

**Work Wheel Power:** 15HP (11kW)

**Work Wheel RPM:** 2500

**Grinding Diameter Capacity Max:** 1-1/2" (38mm)

**Grinding Diameter Capacity Min:** 0.002" (0.05mm)

**Roundness:** Better than 0.00005" (1.27 microns)

**Electrical requirements:** 480VAC, 60Hz, 3Ph, 60A

**Air requirements:** 80PSI, 1CFM

**Machine Footprint:** 42"x52"x55" (107cm x 132cm x 140cm)

**Machine Weight:** 2000 lbs. (907kg)



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