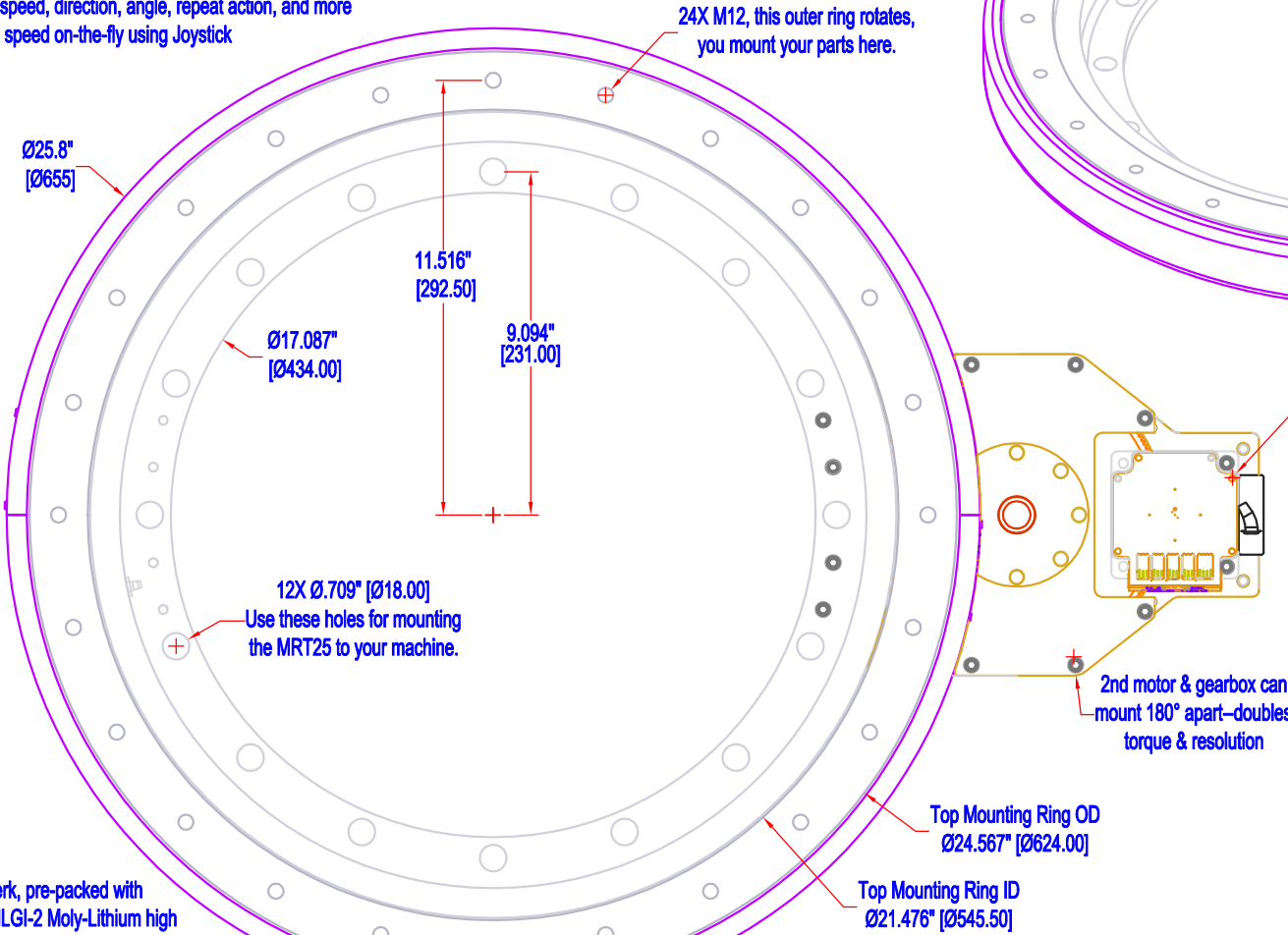
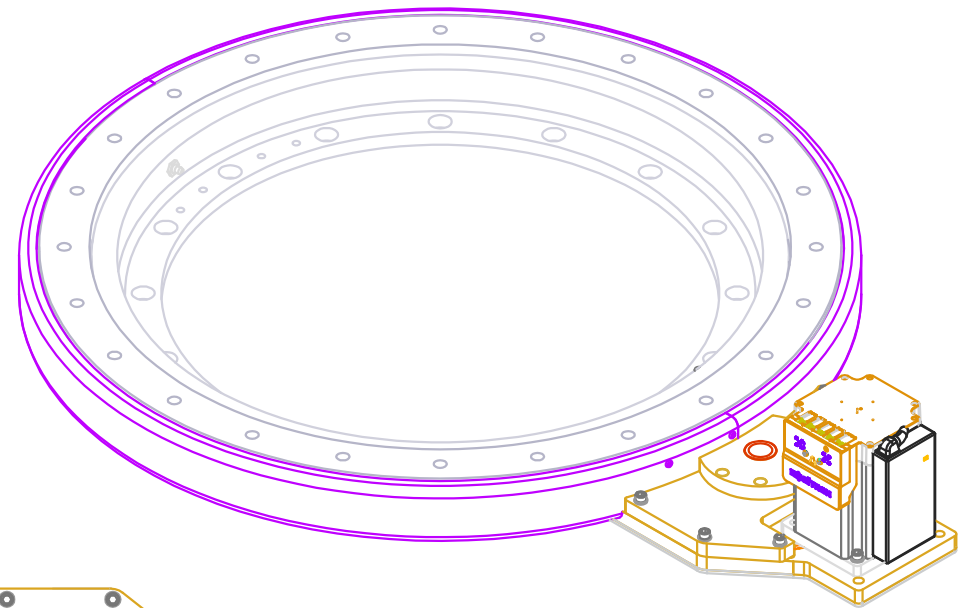


# MRT25 Rotary Table Key Features

- 42,000 lbs [118kN] axial load rating while rotating
- Only weighs 128 lbs—lightest in the industry
- 4-point contact ball bearing is pre-loaded for zero play
- High precision metal spur gears with virtually zero backlash
- Perfect indexing to any degree with high accuracy and repeatability
- 10 Joystick switches for 10 independent standalone motions
- Control speed, direction, angle, repeat action, and more
- Change speed on-the-fly using Joystick
- 2 TTL serial ports, 4 Input Pins, and Driver Mode (step/direction)
- Automatic repetitive motion possible, with time delays
- Table self-locks when motor is not rotating if Brake is set
- Torque tested with 3 men standing on Table
- Complete kit ready-to-run



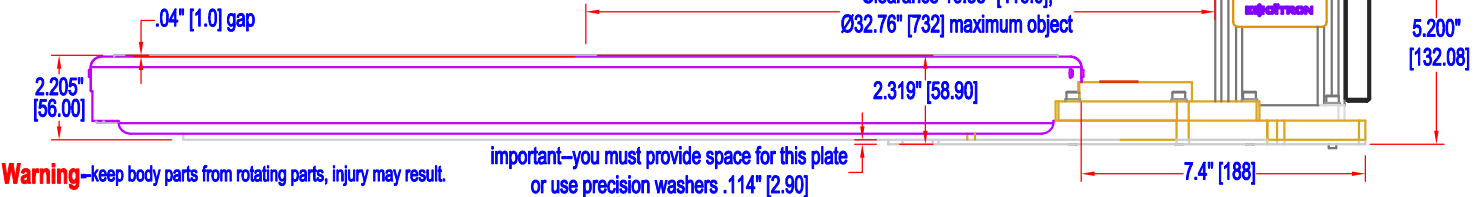
X86-118 shown, can mount on underside. optional larger X110 series motor for more torque, or shorter X86-65 or X86-80.

Ratio	RPM	Steps/rev	Resolution	Max Torque	Max Force
132:1	0-8	52,800	.0068°, ±.001"	9,200 in-lb	900 lb [200 kN]

Torque is more than enough to mill steel with a Ø1.000 cutter. Top speed of 8,000 motor half-steps/sec used in table, speed may be higher. Weight is 118 lbs [53.5 kgs] without motor, ships in 2-3 boxes.

- Items included but not shown:
- PS20-67W power supply, connector, AC cable, works anywhere in the world—100-240vac 50/60 hz
  - USB-TTL-3pin Adapter cable (3 pins + 5.2v source)
  - USB-micro OTG smart phone cable
  - Two 4" Input cable 3 pin, open 1 end
  - Hex key ring with 1.5 to 10mm keys

Grease Zerk, pre-packed with Sinopec NLGI-2 Moly-Lithium high pressure grease, ok to use Harbor Freight Sta-lube CRC SL3330 grease. Do not add oil which contaminates the grease.



**Warning**—keep body parts from rotating parts, injury may result.

See Rotary Tables product page and Documentation link for Controller Manual and X86 Series drawing.

**EXCITRON**  
info@excitron.com 303-859-9476

**MRT25 Rotary Table**

www.excitron.com 20% 1 / 1 Rev. A