



Technical Rotary Services, Inc.
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~Precision Rotary Table Specialists~
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ROTAB MODEL TRT Tilting Rotary Table Specifications
2 ARC SECOND ROTARY AXIS MODELS

| MODEL NUMBER | 12-2 | 18-2 | 24-2 | 36-2 | 48-2 | 60-2 | 72-2 | 84-2 |
|---------------------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| FACEPLATE DIA. | 12" | 18" | 24" | 36" | 48" | 60" | 72" | 84" |
| TABLE CENTER HOLE | #2 M.T. | #2 M.T. | #4 M.T. | #4 M.T. | #4 M.T. | #4 M.T. | #4 M.T. | #4 M.T. |
| NUMBER OF T-SLOTS | 4 | 6 | 8 | 8 | 8 | 8 | 8 | 16 |
| SIZE OF T-BOLTS | 3/8" | 3/8" | 1/2" | 1/2" | 1/2" | 1/2" | 5/8" | 3/4" |
| ROTARY AXIS DRIVE-Std. | MANUAL | MANUAL | MANUAL | MOTOR | MOTOR | MOTOR | MOTOR | MOTOR |
| TILT AXIS DRIVE-Std. | MANUAL | MANUAL | MANUAL | MOTOR | MOTOR | MOTOR | MOTOR | MOTOR |
| ROTARY POSITION DISPLAY | ----- DIGITAL READOUT DISPLAY WITH PRECISION ENCODER----- | | | | | | | |
| ROTARY TABLE GRADUATIONS | -----360 DEGREE GRADUATED RING----- | | | | | | | |
| TILT POSITION DISPLAY | -----95 DEGREE TILT AXIS SCALE WITH MATCHING 2 MINUTE VERNIER----- | | | | | | | |
| TILT AXIS ACCURACY | -----2 ARC MINUTES WITH TILT SCALE AND VERNIER----- | | | | | | | |
| TILT RANGE | -----95 DEGREES (3 DEGREES PAST HORIZONTAL, 2 DEGREES PAST VERTICAL)----- | | | | | | | |
| FACEPLATE FLATNESS | .0002" | .0002" | .0003" | .0004" | .0007" | .0008" | .0008" | .001" |
| PARALLELISM | .0002" | .0002" | .0002" | .0002" | .0003" | .0003" | .0004" | .0005" |
| AXIAL/RADIAL RUN-OUT | .0002" | .0002" | .0002" | .0002" | .0002" | .0003" | .0003" | .0003" |
| LOAD CAPACITY | 75 ft/lb | 300 ft/lb | 450 ft/lb | 1800 ft/lb | 2800 ft/lb | 8500 ft/lb | 7500ft/lb | 6500 ft/lb |
| APPROX. SHIPPING WEIGHT | 157 lb | 275 lb | 975 lb | 1950 lb | 3850 lb | 9100 lb | 12100 lb | 14100 lb |

All accuracy measurements are Total Indicator Readings (TIR). Radial Flatness is measured 1" from the outside edge of the rotary table. Axial Run-out is the Total Indicator Reading (TIR) about a true sphere centered on the axis of rotation. Radial Run-out is the Total Indicator Reading (TIR) on top of a true sphere centered on the axis of rotation. Heavy Duty Models, Motorized Models, Digital Readout Systems available upon request.