High Precision Rotary Tables
The Better Built Rotary Table

Fryer made rotary tables are better built for longer life and higher accuracy. Gear driven for better power distribution, better accuracy ring and worm gears and better sealing for zero contamination. Backed by a two year warranty, these rotaries are the choice of demanding shops worldwide.

RT-170
- 6.69” diameter faceplate
- 5.31” center height
- 1.37” through hole
- Fast 33 RPM rotate speed

RT-200
- 7.87” diameter faceplate
- 6.30” center height
- 1.37” through hole
- Fast 33 RPM rotate speed

RT-250
- 9.84” diameter faceplate
- 7.28” center height
- 2.75” through hole
- Fast 33 RPM rotate speed
RT-320
- 12.60” diameter faceplate
- 8.27” center height
- 4.33” through hole
- Fast 33 RPM rotate speed

RT-400
- 15.75” diameter faceplate
- 9.84” center height
- 5.91” through hole
- Fast 33 RPM rotate speed

RT-500
- 19.69” diameter faceplate
- 12.2” center height
- 7.09” through hole
- 15 arc/sec accuracy

Also available in 25” and 32” platter sizes.
Tilting Rotary Tables

The Fryer TRT series features two axis motion for both 5 axis simultaneous and 4+1 motion. The large platter rotary tables have a small footprint for addition to any VMC or HMC. Gear driven with high accuracy ring and worm gears and exceptional sealing for zero contamination. Available in sizes from 5” all the way to 32” diameter.

TRT-120
- 6.75 part swing
- -20 to 120 degree tilt range
- 120 lbs table load
- Compact footprint for smaller machines

TRT-200
- 10.5” part swing
- +/- 110 degree tilt range
- 250 lbs table load
- Small footprint fits most VMC’s
DESIGNED, ENGINEERED & ASSEMBLED IN USA

TRT-250
- Large 16.5” part swing
- +/- 120 degree tilt range
- 350 lbs table load
- Small footprint fits most VMC’s

TRT-320
- Large 24” part swing
- +/- 120 degree tilt range
- 500 lbs table load
- Small footprint fits most VMC’s

TRT-450
- Massive 30.5” part swing
- +/- 120 degree tilt range
- 1,000 lbs table load
- Super accurate

Also available in 32”, 36” and 46” swing sizes.
Manual Tilting Rotary Tables

The Fryer MT series feature a full automatic 4th axis rotary table with manual tilt capability. Designed to lower the cost and size, these tables are the perfect choice for small batch production where multiple sided machining is required. Available in sizes from 8” all the way to 25”.

MT-250

- 9.84” diameter platter
- Large 20” part swing
- Manual tilt range 0-100 degrees
- 350 Lbs load capacity

Available in 8”, 10”, 12”, 16”, 20” and 25” sizes.
Exceptional Quality

Fryer built rotary tables feature high quality components and exceptional design. Configured as liquid tight units, there are no ‘weep’ holes like on other brands. Unique variable pitch worm gear ensures backlash free performance and exceptional accuracy. Backed by a two year warranty.

1. High precision ring gear with 15 arc/sec accuracy
2. Extra large through hole up to 10”
3. Variable pitch worm gear provide over 40% surface contact
4. Rugged gear drive from servo motor to worm gear
5. Sealed cable set entry fully potted
6. Sealed stainless steel case
## ROTARY TABLE SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>RT-170</th>
<th>RT-200</th>
<th>RT-250</th>
<th>RT-320</th>
<th>RT-400</th>
<th>RT-500</th>
<th>RT-630</th>
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<td>1.90</td>
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<td>6 NM</td>
<td>6 NM</td>
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<td>Overall Size</td>
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<td>8&quot; x 25&quot; x 12.5&quot;</td>
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<td>10&quot; x 30&quot; x 18&quot;</td>
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## TRUNNION TABLE SPECIFICATIONS

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<tr>
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<td>TRT-120</td>
<td>TRT-200</td>
<td>TRT-250</td>
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<td>Max RPM – Rotate</td>
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**Fryer Machine Systems**

**Precision Built Solutions**

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