**Turning Rolls**

*PrestonEastin* turning rolls are designed and built for years of dependable low maintenance operation.

Our standard line of turning will easily support and rotate vessels ranging from 100 lbs to 400,000 lbs and work piece diameters from 6 inches to 30 feet ensuring that no matter what your needs, *PrestonEastin* has the right turning roll for your application.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Capacity (LBS)</th>
<th>Diameter Range</th>
<th>Speed Range</th>
<th>Weight (LBS)</th>
<th>Motor No.</th>
<th>Per Axle</th>
<th>Tires</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDR-3</td>
<td>3,000</td>
<td>3-1/2&quot; - 30&quot;</td>
<td>1.5 – 45 IPM</td>
<td>9,000</td>
<td>200</td>
<td>1</td>
<td>1/2 HP DC 1 12&quot; X 3-1/2&quot;</td>
</tr>
<tr>
<td>FIR-3</td>
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<td>1</td>
<td>12&quot; X 3-1/2&quot;</td>
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<tr>
<td>TDRA-5</td>
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<td>6&quot; - 74&quot;</td>
<td>1.5 – 45 IPM</td>
<td>10,000</td>
<td>300</td>
<td>1/2 HP DC 1 12&quot; X 4&quot;</td>
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<tr>
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<tr>
<td>TDRA-10</td>
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<td>1.5 - 45.8 IPM</td>
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<td>1100</td>
<td>3/4 HP DC 1 12&quot; X 4-1/2&quot;</td>
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<tr>
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<td>12&quot; X 4-1/2&quot;</td>
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<tr>
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<td>6&quot; – 14'</td>
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<tr>
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<td>1.5 – 43 IPM</td>
<td>90,000</td>
<td>2600</td>
<td>2 HP AC 1 20&quot; X 8&quot;</td>
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<tr>
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<td>1500</td>
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<tr>
<td>TDRA-60</td>
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<td>1.5 – 43 IPM</td>
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<td>3100</td>
<td>3 HP AC 3 20&quot; X 6&quot;</td>
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<td>1.3 – 43 IPM</td>
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<td>3900</td>
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<td>5000</td>
<td>5 HP AC 3 20&quot; X 8&quot;</td>
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<td>3800</td>
<td>3</td>
<td>20&quot; X 8&quot;</td>
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</tr>
<tr>
<td>TDSA-200</td>
<td>200,000</td>
<td>8&quot; – 16&quot;</td>
<td>1.5 – 40 IPM</td>
<td>60,000</td>
<td>7700</td>
<td>5 HP AC 1 20&quot; X 8&quot;</td>
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<tr>
<td>TISA-200</td>
<td>200,000</td>
<td>5800</td>
<td>1</td>
<td>20&quot; X 8&quot;</td>
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</tr>
<tr>
<td>TDRA-200</td>
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<td>8&quot; – 30'</td>
<td>1.3 – 43 IPM</td>
<td>600,000</td>
<td>7700</td>
<td>5 HP AC 4 20&quot; X 8&quot;</td>
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<tr>
<td>TISA-200</td>
<td>200,000</td>
<td>5800</td>
<td>4</td>
<td>20&quot; X 8&quot;</td>
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<tr>
<td>TDSA-300</td>
<td>300,000</td>
<td>12&quot; – 16&quot;</td>
<td>1.0 – 31 IPM</td>
<td>900,000</td>
<td>7700</td>
<td>7.5 HP AC 1 20&quot; X 8&quot;</td>
<td></td>
</tr>
<tr>
<td>TISA-300</td>
<td>300,000</td>
<td>5800</td>
<td>1</td>
<td>20&quot; X 8&quot;</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Note: Model number, "R" designates tires are rubber, and "S" designates the tires are steel. Steel or phenolic may be available as an option.
### Turning Roll Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity LBS</th>
<th>Diameter Range</th>
<th>Speed Range</th>
<th>Turning Capacity LBS</th>
<th>Weight LBS</th>
<th>Motor</th>
<th>No. of Tires Per Axle</th>
<th>Wheels</th>
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<tr>
<td>FDR-3</td>
<td>3,000</td>
<td>3-1/2&quot; - 30&quot;</td>
<td>1.5 - 45 IPM</td>
<td>9,000</td>
<td>200</td>
<td>1/4 HP DC</td>
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<td>12&quot; X 3-1/2&quot;</td>
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<td>FIR-3</td>
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<tr>
<td>TDRA-5</td>
<td>5,000</td>
<td>6&quot; - 74&quot;</td>
<td>1.5 – 45 IPM</td>
<td>10,000</td>
<td>300</td>
<td>3/4 HP DC</td>
<td>1</td>
<td>12&quot; X 4&quot;</td>
</tr>
<tr>
<td>TIRA-5</td>
<td>5,000</td>
<td></td>
<td></td>
<td></td>
<td>140</td>
<td></td>
<td>1</td>
<td>12&quot; X 4&quot;</td>
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<tr>
<td>TDRA-10</td>
<td>10,000</td>
<td>6&quot; – 12&quot;</td>
<td>1.5 - 45.8 IPM</td>
<td>30,000</td>
<td>1100</td>
<td>3/4 HP DC</td>
<td>1</td>
<td>12&quot; X 4-1/2&quot;</td>
</tr>
<tr>
<td>TIRA-10</td>
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<td></td>
<td></td>
<td></td>
<td>650</td>
<td></td>
<td>1</td>
<td>12&quot; X 4-1/2&quot;</td>
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<td>1400</td>
<td>1-1/2 HP DC</td>
<td>1</td>
<td>15&quot; X 7&quot;</td>
</tr>
<tr>
<td>TIRA-20</td>
<td>20,000</td>
<td></td>
<td></td>
<td></td>
<td>850</td>
<td></td>
<td>1</td>
<td>15&quot; X 7&quot;</td>
</tr>
<tr>
<td>TDRA-30</td>
<td>30,000</td>
<td>8&quot; – 20&quot;</td>
<td>1.5 - 43 IPM</td>
<td>90,000</td>
<td>2600</td>
<td>2HP AC</td>
<td>1</td>
<td>20&quot; X 8&quot;</td>
</tr>
<tr>
<td>TIRA-30</td>
<td>30,000</td>
<td></td>
<td></td>
<td></td>
<td>1500</td>
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<td>1</td>
<td>20&quot; X 8&quot;</td>
</tr>
<tr>
<td>TDRA-60</td>
<td>60,000</td>
<td>8&quot; – 20&quot;</td>
<td>1.5 – 43 IPM</td>
<td>180,000</td>
<td>3100</td>
<td>3 HP AC</td>
<td>2</td>
<td>20&quot; X 6&quot;</td>
</tr>
<tr>
<td>TIRA-60</td>
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<td></td>
<td></td>
<td>2400</td>
<td></td>
<td>2</td>
<td>20&quot; X 6&quot;</td>
</tr>
<tr>
<td>TDRA-90</td>
<td>90,000</td>
<td>8&quot; – 20&quot;</td>
<td>1.3 – 43 IPM</td>
<td>270,000</td>
<td>3900</td>
<td>3 HP AC</td>
<td>3</td>
<td>20&quot; X 6&quot;</td>
</tr>
<tr>
<td>TIRA-90</td>
<td>90,000</td>
<td></td>
<td></td>
<td></td>
<td>2900</td>
<td></td>
<td>3</td>
<td>20&quot; X 6&quot;</td>
</tr>
<tr>
<td>TDRA-120</td>
<td>120,000</td>
<td>8&quot; – 30&quot;</td>
<td>1.3 – 43 IPM</td>
<td>360,000</td>
<td>5000</td>
<td>5 HP AC</td>
<td>3</td>
<td>20&quot; X 8&quot;</td>
</tr>
<tr>
<td>TIRA-120</td>
<td>120,000</td>
<td></td>
<td></td>
<td></td>
<td>3800</td>
<td></td>
<td>3</td>
<td>20&quot; X 8&quot;</td>
</tr>
<tr>
<td>TDSA-200</td>
<td>200,000</td>
<td>8” – 16”</td>
<td>1.5 – 40 IPM</td>
<td>60,000</td>
<td>7700</td>
<td>5 HP AC</td>
<td>1</td>
<td>20” X 8&quot;</td>
</tr>
<tr>
<td>TISA-200</td>
<td>200,000</td>
<td></td>
<td></td>
<td></td>
<td>5800</td>
<td></td>
<td>1</td>
<td>20” X 8&quot;</td>
</tr>
<tr>
<td>TDRA-200</td>
<td>200,000</td>
<td>8” – 30”</td>
<td>1.3 – 43 IPM</td>
<td>600,000</td>
<td>7700</td>
<td>5 HP AC</td>
<td>4</td>
<td>20” X 8&quot;</td>
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<tr>
<td>TIRA-200</td>
<td>200,000</td>
<td></td>
<td></td>
<td></td>
<td>5800</td>
<td></td>
<td>4</td>
<td>20” X 8&quot;</td>
</tr>
<tr>
<td>TDSA-300</td>
<td>300,000</td>
<td>12” – 16”</td>
<td>1.0 – 31 IPM</td>
<td>900,000</td>
<td>7700</td>
<td>7.5 HP AC</td>
<td>1</td>
<td>20” X 8&quot;</td>
</tr>
<tr>
<td>TISA-300</td>
<td>300,000</td>
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<td></td>
<td></td>
<td>5800</td>
<td></td>
<td>1</td>
<td>20” X 8&quot;</td>
</tr>
</tbody>
</table>

Note: Model number, “R” designates tires are rubber, and “S” designates the tires are steel. Steel or phenolic may be available as an option.
### Turning Roll Dimensions

Here are the dimensions for different models of turning rolls:

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>FDR-3</td>
<td>36-1/2&quot;</td>
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<tr>
<td>FIR-3</td>
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<td>14-1/2&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>TDRA-5</td>
<td>56-1/4&quot;</td>
<td>13-3/8&quot;</td>
<td>33-1/4&quot;</td>
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<tr>
<td>TIRA-5</td>
<td>49&quot;</td>
<td>13-3/8&quot;</td>
<td>9-3/8&quot;</td>
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<tr>
<td>TDRA-10</td>
<td>97-7/8&quot;</td>
<td>19-1/2&quot;</td>
<td>23-7/8&quot;</td>
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<td>19-1/2&quot;</td>
<td>23-7/8&quot;</td>
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<td>29&quot;</td>
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<td>22&quot;</td>
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<td>27-1/4&quot;</td>
<td>40-1/2&quot;</td>
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<td>114-1/2&quot;</td>
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<td>28-1/2&quot;</td>
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<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
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<th>C</th>
</tr>
</thead>
<tbody>
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<td>111-3/4&quot;</td>
<td>27-3/4&quot;</td>
<td>32-1/2&quot;</td>
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<td>47-1/4&quot;</td>
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<td>TIRA-120</td>
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<td>27-3/4&quot;</td>
<td>34-1/2&quot;</td>
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<td>33-3/4&quot;</td>
<td>52&quot;</td>
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<td>33-3/4&quot;</td>
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Note: Model number, "R" designates tires are rubber, and "S" designates the tires are steel. Steel or phenolic may be available as an option.
### Turning Roll Dimensions

#### Turning Centerline to Centerline and Diameter Range

<table>
<thead>
<tr>
<th>Model</th>
<th>Pos 1</th>
<th>Pos 2</th>
<th>Pos 3</th>
<th>Pos 4</th>
<th>Pos 5</th>
<th>Pos 6</th>
<th>Pos 7</th>
<th>Pos 8</th>
<th>Pos 9</th>
<th>Pos 10</th>
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<td></td>
</tr>
<tr>
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<td>3.5”-30”</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>TDRA-5</td>
<td>15”</td>
<td>21”</td>
<td>27”</td>
<td>33”</td>
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<tr>
<td>Dia. Range</td>
<td>6”-38”</td>
<td>30”-55”</td>
<td>42”-74”</td>
<td>54”-96”</td>
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<td></td>
<td></td>
</tr>
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<td>32”</td>
<td>47”</td>
<td>62”</td>
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<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Dia. Range</td>
<td>6”-43”</td>
<td>36”-90”</td>
<td>82”-140”</td>
<td>112”-144”</td>
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</tr>
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<td>26.75”</td>
<td>35”</td>
<td>43.25”</td>
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<td>59.75”</td>
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</tr>
<tr>
<td>Dia. Range</td>
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<td>30”-70”</td>
<td>55”-95”</td>
<td>72”-122”</td>
<td>90”-148”</td>
<td>105”-168”</td>
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</tr>
<tr>
<td>TDRA-30</td>
<td>25”</td>
<td>36.25”</td>
<td>47.5”</td>
<td>58.75”</td>
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<tr>
<td>Dia. Range</td>
<td>8”-60”</td>
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<td>62”-132”</td>
<td>82”-168”</td>
<td>120”-200”</td>
<td>145”-240”</td>
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<td></td>
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<tr>
<td>TDRA-60</td>
<td>25”</td>
<td>36.25”</td>
<td>47.5”</td>
<td>58.75”</td>
<td>70”</td>
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<td>62”-132”</td>
<td>82”-168”</td>
<td>120”-200”</td>
<td>145”-240”</td>
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<tr>
<td>Dia. Range</td>
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<td>42”-96”</td>
<td>62”-132”</td>
<td>82”-168”</td>
<td>120”-200”</td>
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<tr>
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<td>36.25”</td>
<td>47.5”</td>
<td>58.75”</td>
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<td>81.25”</td>
<td>92.5”</td>
<td>103.75</td>
<td>115”</td>
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<td>42”-96”</td>
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<td>82”-168”</td>
<td>120”-200”</td>
<td>145”-240”</td>
<td>165”-276”</td>
<td>210”-300”</td>
<td>260”-360”</td>
<td>300”-360”</td>
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<tr>
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<td>47.5”</td>
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<td>81.25”</td>
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<td>103.75</td>
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<td>165”-276”</td>
<td>210”-300”</td>
<td>260”-360”</td>
<td>300”-360”</td>
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</tbody>
</table>
Power Elevating Turning Rolls:
Built to customer specifications for
elevation and capacity requirements

Constant Centerline Turning Rolls:
Available in any size
Turning Rolls Options

Small Pipe Adapter:
(for 7/8” to 7” diameter pipe)

Wireless Pendant:
Preston Eastin safety-yellow pendants are outfitted with an RF transceiver to provide cordless operation of any size turning roll.

Foot Switches:
Preston Eastin offers several optional foot switches for equipment control

VFS-20 Variable Speed Foot Switch
SFS-20 On/Off Foot Switch
RFS-20 Forward/Reverse Foot Switch