Rotary Table Drives

Custom designed and sealed from contaminations per IP66 with quick installation for reduced down time.

dovertwg.com
11135 S. James Avenue
Jenks, OK 74037 USA
918.298.8300

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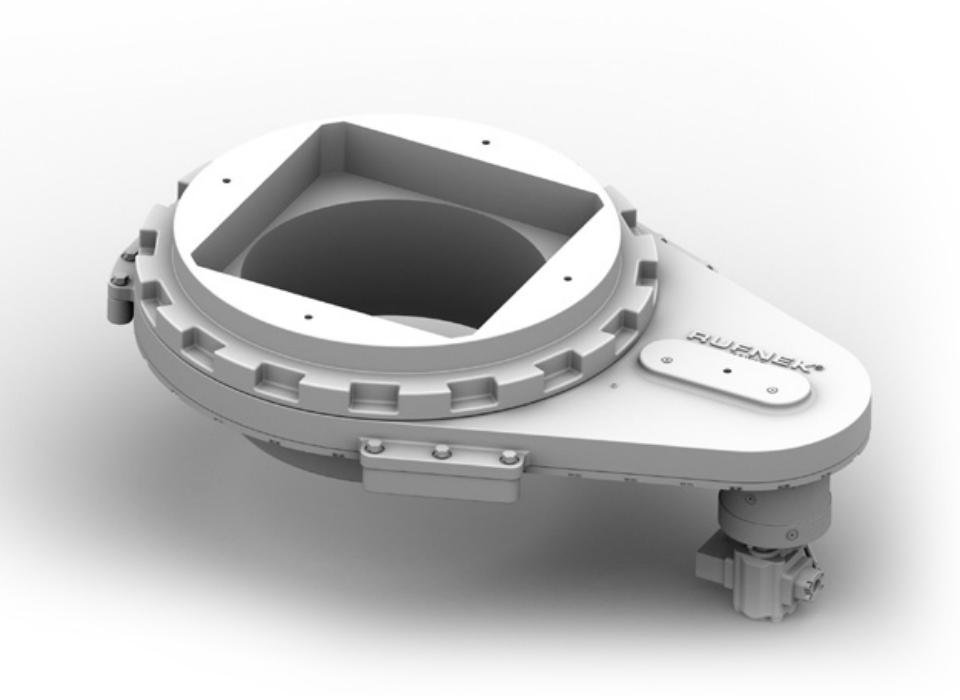
Features and Benefits

• Rotary Table Drives (RTDs) are used in the rig floor. Previous generations used mechanical rotaries to drill; our RTD complements the new generation rigs with electric top drives on the mast that perform the drilling. Our RTDs are designed to install and remove drill bits and for pipe maintenance. They are not typically used in the drilling operation.

• There are currently 2 custom designed models that replace units that were susceptible to debris and contamination. See specifications on the next page. Drawings available upon request.



• Our models are sealed, tested, and designed to meet IP66 rating (low pressure water jets). Our RTDs are designed to operate resting in drilling mud.

• When changing out you will only need to disconnect the plumbing and remove the bolts. Both the 27.5” and the 37.5” models have mounting blocks that are easy to install.

• Change out will roughly take 1 hour whereas older designs could take 6-8 hours or longer.

• 2-year warranty after ship date, best in the industry.

• Multiple options including refurbishment, replacement, and 24/7 service support.

• Consult factory at time of order. Typically, these are running about 16 weeks.

• Our team of experts can custom design a model to meet your needs.

Specifications

Part Number	180-00001-1 *Patent Pending	180-00002-1 *Patent Pending
Master bushing size	27.5” (0.69 m)	37.5” (0.95 m)
Master bushing style	Square drive (per API)	Split rotary adapter ring (per API)
Output torque capacity	20k ft-lbs (27 kN-m)	20k ft-lbs (27 kN-m)
Horsepower	76 hp (56 kW)	76 hp (56 kW)
System pressure required	2800 psi (19.3 MPa)	2500 psi (17.2 MPa)
IP66 rating	Yes	Yes
Warranty	2 Years	2 years
Temp range	-40F to +120F (-40C to +49C)	-40F to +120F (-40C to +49C)
Flow rate @ 20 rpm	65 gpm (246 lpm)	78 gpm (295 lpm)
Static thrust capacity	750k lbs (3336 kN)	1M lbs (4448 kN)