

Circle T Unit # 8170

150 Ton Bowen S-150

Self Contained Skid Mounted

Power Swivel Unit



SKID DIMENSIONS & WEIGHT

Length	20'	6.1 m
Width	9' 6"	2.9 m
Height	7' 6"	2.29 m
Weight	18,254 lbs	8,280 kgs.

POWER SWIVEL SPECIFICATIONS

Maximum Hoisting Capacity 150 Tons
 Dynamic Hoisting Capacity 83 Tons @ 100 RPM
 Maximum Circulating Pressure 5000 PSI
 Maximum Torque Low Gear 11,500 ft/lbs/5000 PSI
 Maximum Torque High Gear 8100 ft/lbs/5000 PSI
 Maximum Speed Low Gear 89 RPM
 Maximum Speed High Gear 175 RPM
 Gear Ratio 14.41:4

**Based on N.O.V. Head Specifications*

Rotary Hose Connection 2" - 3" LP
 Gooseneck Access Hole 2 7/8" EUE
 Circulation Passage 2 1/4" I.D.
 Stem Lower Connection 3 1/2" IF
 Saver Sub 3 1/2" IF Box X 3 1/2" IF Pin
 Saver Sub Make-Up Torque 7,500/10,000 ft/lbs
 Fuel Capacity of 92 Imperial Gallons

POWER SWIVEL FEATURES

Variable Displacement Motors
 High Pressure Closed Loop Hydraulic Pump
 Main Hydraulic Pump Output of 102 G.P.M. at 2100 R.P.M.
 Main Unit Powered By a 3306 PCTA Caterpillar Diesel Engine.
 Minimal Control Panel Hook Up. Two 1/4" Hydraulic Hoses and a Main Electrical Umbilical Cord.
 Shift On The Fly High or Low Range Gear Selection
 Full Remote Speed, Torque and Hydraulic Motor Brake Control.
 Main and Remote E.S.D. and System Lockout Controls.
 Anti-Slip Skid Decking.
 All Hose Reels are Proportionally Hydraulic Driven for Safety and Ease During The Rig In/Out Procedure.
 Fully Intrinsically Safe Remote Operators Panel.

POWER SWIVEL SUPPLIES

Safety Cables for Torque Reins.
 Engineered Lifting Lug and Sling Assembly To Raise or Lower Swivel Head to Work Floor.
 *3/4" Static Line Package.

Circle T Service & Rental Ltd.

8012 Edgar Industrial Green, Red Deer Alberta, T4P 3S2
 PH. 403.342.6004.

circlerentals.com

Hydraulic System by P.S.I. Fluid Power Ltd.

PH. 1.800.381.2236

Electrical System by Flint Field Services Ltd.

PH. 1.403.342.6280

