

7000

SPECIFICATIONS

POWER SOURCE

PTO Drive from diesel truck engine.
Minimum input is 250 HP @2300 RPM.

TOPHEAD

Hydrostatic, planetary type, enclosed chain drive.

Max. Gross Torque	Speed
2860 ft.lbs.	0 – 300 RPM

Off-Hole	Hydraulic Swing-Away
Hollow Spindle I.D.	3¼ in.

MAST

Stroke	24'
Pull Up	29,450 lbs.
Pull Down	15,000 lbs.
Mast Length	34 ft.
Mast Height (approx.)	39 ft.

Feed Rate -	
Up	0-69 FPM
Up @ 14,430 lbs.	0-142 FPM
Down	0-136 FPM

HYDRAULIC SYSTEM Max. Flow/Max Pressure

Hydrostatic Circuit	0-56 GPM / 5000 PSI
Hydrostatic Circuit	0-56 GPM / 5000 PSI
Hydrostatic Circuit	0-56 GPM / 3500 PSI
Auxiliary Circuit	35 GPM / 3000 PSI

Reservoir Capacity	60 Gal.
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Hydraulic Oil Cooler	40,000 BTU/Hr.
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CAROUSEL

Capacity	10 rods (200 ft) x 3½ O.D.
Drillhead index over carousel	
Hydraulic rotational index	

WINCHES – All are hydraulically operated.

Main Hoisting Winch

Capacity (Bare Drum)	12,000 lbs.
Line Speed	94 FPM
Cable Capacity (max.)	180' of ½" cable

Auxiliary Hoisting Winch

Capacity (Bare Drum)	3790 lbs.
Line Speed	250 FPM
Cable Capacity (max.)	359' of 5/16" cable

Crown Sheave – Hydraulically operated with 60° rotation. Full winch capacity over table.

AIR COMPRESSORS

300 CFM, 200 PSI

Consult factory for other compressor options.

WATER/GROUT PUMPS – Hydraulically operated.

Choose Style & Size – (Progressive Cavity, Piston, Bean, Bowie, Centrifugal)

TRUCK – Recommended Minimum Specifications

Tandem Axle

300 HP Diesel
168" CA – 19½ ft. Bed
50,000# GVWR

TRUCK BED

Standard – Underdeck Tool Boxes
– (4) 36" Stroke Leveling Jacks
– Operator's Platform

ROD BOX – 20 ft. Rods

Specifications are based on engineering calculations and are subject to change without prior notice.



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