

2400 SK-1

SPECIFICATIONS

STANDARD RIG

Engine – Deutz Diesel – 3 cylinder F3L1011
Continuous HP @ 2800 RPM 40 HP
Fuel Consumption – Full Load 2.3 GPH
Fuel Tank Capacity 10 gal.

Topheads – Max. Torque & Max. Rotation Speed

Standard -	960 ft. lbs./190 RPM
High Torque -	2050 ft. lbs./90 RPM
Two Speed -	1970/985 ft. lbs./ 92/184 RPM
High Speed -	195 ft. lbs./915 RPM
Feed Rate -	0 – 45 FPM
Pull up/Pull down	7600 lbs.

Mast – For drilling with 5' Tools Drillhead

Travel – Net Stroke	74 in.
Hydraulic Foot Stabilizer	8 in.
Reservoir Capacity	32 Gal.
Minimum Height (Mast Vertical)	121 in.

Hydraulic System

Main Pump (rotation)	20 GPM
Aux. Pump (feed)	10 GPM
Relief Valve Settings	2500/2000 PSI
Hydraulic Oil Cooler	20,000 BTU/Hr.

Weights

Base Rig (Including Oil)	2,450 lbs.
Cathead with Mast Extension	170 lbs.
Winch	135 lbs.

Dimensions

Overall Width	48 in.
Overall Height-	
Mast Lowered	52 in.
Mast Raised	122 in.
With Extension	187 in.

OPTIONS & ACCESSORIES

Cathead (5.75" Dia.) with extension

Capacity	2150 lbs.
Max. Drum Speed	275 RPM
Rope	30' of 3/4" manilla

Hoisting Winch - Hydraulic

Capacity	1800 lbs.
Bare Drum Line Speed	195 FPM
Includes 50' of 5/16" cable	

Hydraulic Slide Base

Travel (In/Out)	16 in.
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Long Stroke Mast (No extension)

Drillhead Travel – Net Stroke	135 in.
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Pump (Water or Grout)

2L6 Moyno Progressing Cavity 0-31 GPM, 150 PSI
(Other Sizes Available)

GENERAL DRILLING CAPACITIES - In typical soil conditions. Capacity will vary with drilling conditions and style of tophead.

Conventional Flight Auger	5" dia., 60-100' 10" dia., 20-35'
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Hollow Stem Augers	3-1/4" ID. 30-40' 6-1/4" ID. 15-20'
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Core	AWX (1-?)" dia., 100-250' NWX (3") dia., 50-150'
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Specifications are based on engineering calculations and are subject to change without notice.



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