



T1100

MOBILE DRILLING UNIT



THE T1100

The T1100 is a versatile solution to today's complex medium depth drilling operations. The highly portable triple rig offers customers a variety of operational configurations to meet any drilling application. The unit features a hook load of 500,000 lbs and a 127 ft. clear height above the rotary floor. The innovative design provides the option of a traditional mechanical rotary drive or an integrated hydraulic top drive package. The rig includes a hydraulically telescoping substructure offering 18 or 21 ft. floor heights. The rig design is tailored to maximize functionality, providing customers the ability to skid the rig or transport by helicopter, as well as traditional moves with or without the mast installed.

DRAWWORKS

Model	SD-46
Single Line Pull	51,000 lbs.

Main Drum Information

Main Barrel Dimensions	30 in. x 45 in.
Drum Clutch	18 in. 3-Plate
Drive Chain	Double 160
Brake System	46 in. x 12 in. blocks
Brake Cooling	Water Circulating
Assist Brake	Hydromatic or Eaton

MAST

Model	127/500
Mast Height	127 ft. above sub
No. of Lines to the Block	10 Lines
API Capacity	500,000 lbs.
Drill Line Size	1-1/8 in.
Racking Board Height	76 ft. / 86 ft.
Traveling Block (Included) ..	McKissick 250 Ton Block Hook

Mast Raising System

Raising Rams	2-5 stage, double acting
Telescoping Ram	(2) single stage
Guy Lines (Included)	N/A
Wind Guys (Included)	N/A
Tubing Board Guys (Included) ..	N/A

POWER SYSTEM

Engine	(2 ea.) Caterpillar C-15
Horsepower	550 Hp Each
Governed Speed	1,800 RPM
Emergency Stop	Standard

Transmission

.....	(2 ea.) Allison M6610
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TRAILER

Type	5-Axle
Length w/ Mast	75 ft.
Overhang, front	3 ft.
Width	12 ft.

AXLES - SUSPENSION

Suspension	Walking Beam + Tag
Brakes	Air
ABS System	Standard - Drum
Emergency Brake	Air
Rear Tires	445/65/R22.5
Rear Wheels	11x22 Aluminum

Frame

Main Rails	21 in. 53 lbs./ ft.
Frame Deck	3/16 in. Diamond Plate
Tow Points	Rear
Walkways	Manual - Two Sides

ROTARY EQUIPMENT

Rotary Type	Table or Top Drive Standard
Stand Pipe	4.5 in., 5,000 PSI
Swivel	200 Ton
Lighting Package	Standard

SUBSTRUCTURE

Type	Sling Shot - Hydraulic
Floor Height	21 ft.
Clear Height	17 ft.
Static Rotary Capacity	500,000 lbs.
Setback Capacity	450,000 lbs.
Mud Boat	Included
Pipe Ramp	Optional
Cat Walks	Optional

* Unit shown with optional equipment. Specifications subject to change without notice.

The T1100 is a high-performance, small footprint design, providing customers with the most hook load, and mast height with a minimum foot print.



Despite its small footprint, the T1100 provides operators with excellent working space for safe efficient drilling. The T1100 design offers either traditional mechanical rotary drive or an integrated hydraulic top drive system.



Keeping versatility in mind, the T1100 is offered in an arctic configuration, including steel or fabric wind walls, steam or electric heat, and low temp API certified drilling components. The arctic option allows for operations in temperatures as low as -40°C.



The T1100's focus on portability includes a small operational foot print and the capability to move the rig in a traditional way with or without the mast installed. Additionally, the T1100 further enhances operational efficiency by featuring skidable and helicopter transportable configurations.

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Call Taylor Industries today 918-266-7301, or visit our website: www.taylorindustries.net

1045 Keystone Avenue • Tulsa Port of Catoosa • Catoosa, OK 74015 • sales@taylorindustries.net • fax 918-266-5223