




THE TI-600

The TI-600 provides a standard hook load of 265,000 lbs. (74.8 MT), with a 112 ft. (34.1 M.) mast height. The heavy duty unit is specifically designed for drilling, workover, and service operations. The unit can be trailer mounted, but most TI-600's are mounted on an integrated 5-axle off-road carrier with a single deck-mounted 550 Hp diesel engine and an automatic transmission. The TI-600 is offered with conventional band brakes or with full disc brakes, as well as a full complement of tools and additional equipment.

DRAWWORKS

Model TI-260-154 (Disc) or DD42-160(Band)
Single Line Pull 41,500 lbs.

Hoisting Drum Information

Main Barrel Dimensions 18.75 in. x 34 in.
Wire Line Size 1 in.
Wire Line 675 ft.
Drum Clutch 18 in. 3-Plate
Gearing 6 Forward / 1 Reverse
Drive Chain Double 160
Brake System Dual 60 in. disc / 42 x 12 blocks
Brake Cooling Air/Splash
Assist Brake Single 54 in. / Single 60 in.

Sand Drum Information

Sand Drum Diameter 12.75 in.
Standard Sand Line Size 9/16 in.
Sand Line (included) 16,000 ft.
Drive Chain Single 140
Brake System Single 48 in. Disc/ 42x8 blocks
Brake Cooling Air/Splash

MAST

Model 112/250
Mast Height 104 ft.
No. of Lines to the Block 4, 6, or 8
API Capacity 265,000 lbs.
Drill Line Size 1 in.
Racking Board Height 55 ft. 7 in. / 66 ft. 7 in.
Rod Basket Height 78 ft. 7 in.
Traveling Block 150 ton 84A non-weighted

Mast Raising System

Raising Rams 2-3 stage, double acting

Telescoping Ram (1) Single Stage
Guy Lines (2) with Ratching Boomers
Wind Guys (1) Set with Tail Chains
Tubing Board Guys (1) Set with Tail Chains

POWER SYSTEM

Engine Caterpillar C-15/ Det S-60
Cylinders / Type 6 / 4-Stroke
Horsepower 550 Hp
Governed Speed 2,100 RPM
Air Cleaner Single Dry Type
Emergency Stop Standard

Transmission

Type Alison M5610-Drop Box
Gearing 6 Forward / 1 Reverse

AIR ELECTRICAL & HYDRAULIC

Compressor 27 CFM
Electric System 12 Volt
Alternator 115 amp
Starter 12 Volt
Batteries (3) BCI-31
Hydraulic System 50 gpm / 2,000 psi

CAB

Type Single Person (R or L drive)
Heater/ Defroster 40,000 BTU
Drivers Seat Air Ride
Mirrors West Coast Style

RIG LEVELING SYSTEM

Leveling Jacks (4) 12 in. Hyd. w/ Manual lock
..... (2) Screw Type

CARRIER

Type 5 axle, 10 x 4 Drive
Length w/ Mast 61 ft. 9 in.
Overhang, Front 15 ft. 9 in.
Axle to Front Bumper 5 ft.
Bridge Span 14ft. 10 in.
Rear Axle Spacing 54 in.
Rear Axle to Back of Rig 11 ft. 8 in.
Estimated Rig Weight 90,940 lbs.

AXLES - SUSPENSION

Front Tandem/ Steerable
Axle Capacity 20,000 lb per axle
Suspension Type Spring
Rear Walking Beam w/ air pusher
Pusher Axle Capacity 23,000 lbs.
Tag Axle Capacity 20,000 lbs.
Drive Ratio 6.17:1

Brakes

ABS System Standard Drum
Park Brake Air

Tires & Wheels

Front Tires 425/65 R22.5 in.
Wheels 13 in. / 22.5 in.
Rear Tires 11R x 22.5 in.
Rear Wheels 8 in. / 22.5 in.

Frame

Main Rails 21 in. 53 lbs. / ft.
Frame Deck 3/16 in. Diamond Plate
Tow Points Front & Rear
Front Bumper Slant Type

Paint

Standard Paint 2 Non-Metallic Colors

The TI-600 is a heavy duty service and workover rig. The straight forward engineering and configuration of the TI-600 provides for a multitude of different applications. The TI-600 can even be configured as a drilling rig providing for even more versatility and performance.



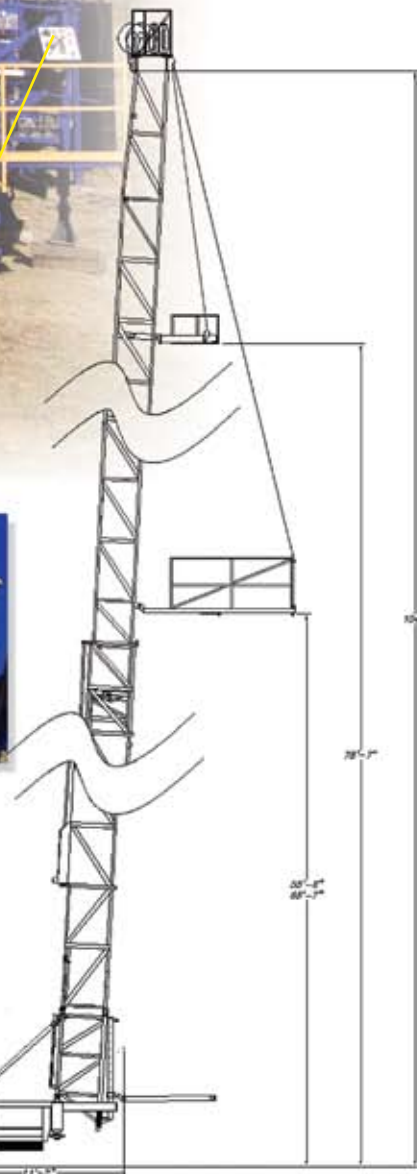
The cab & controls are state-of-the-industry and designed for safe and efficient rig moving. The TI-600 comes standard with full controls and instrumentation including power view, giving the operators a full complement of diagnostic and performance read-outs.



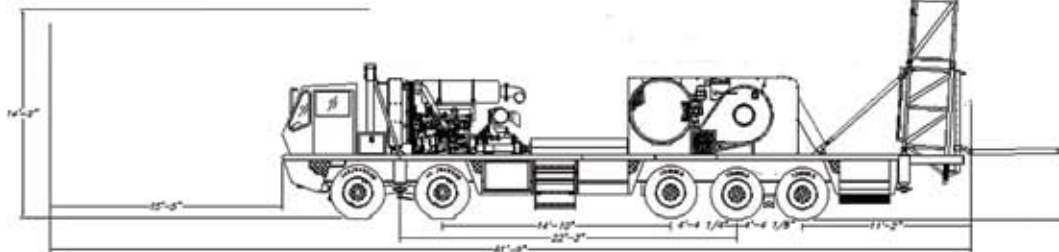
The heavy-duty mechanical drawworks with band or disc brakes provides 41,000 lbs. single line pull and the simple yet powerful clutch design improved rig performance while reducing weight and maintenance requirements.



The operator's console provides excellent visibility and a simple user-friendly control layout. Controls for all rig functions are easily accessible from the console. Additionally, the water resistant operators control panel is hinged for exceptional access for service and maintenance.



Serious horsepower and hook load in a compact maneuverable package best defines the TI-600. Providing 550 Hp and a maximum hook load of 265,000 lbs., the TI-600 retains the same general rig size as most comparable 500 class rigs.



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SERVICE & WORKOVER UNIT



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

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