




# TI-300

## SERVICE & WORKOVER UNIT

### THE TI-300

The TI-300 is a compact service and light workover rig for depths up to 8,500 ft. (2,591 m). This rig is ultra compact in design for maximum maneuverability and performance. The 71 ft. (21.6 m) mast provides 150,000 lbs. (68 MT) hook load with a four-line string. The rig can be equipped with conventional band or disc brake drawworks. The self-propelled unit is mounted on a short wheelbase 4-axle custom carrier and powered by a deck mounted 415 Hp diesel engine and automatic transmission. The TI-300 unit comes standard with all of the most desirable features, and can be further customized to fit your needs.

### DRAWWORKS

Model .....	TI-248 (Disc) or DD42 (Band)
Single Line Pull .....	38,000 lbs.

### Hoisting Drum Information

Main Barrel Dimensions .....	18.75 in. x 34 in.
Wire Line Size .....	.7/8 in.
Wire Line (included) .....	550 ft.
Drum Clutch .....	14 in. 3-Plate
Gearing .....	.6 Forward / 1 Reverse
Drive Chain .....	Single 140
Brake System .....	Single 48 in. Disc or 42 x 12 blocks
Brake Cooling .....	Air

### Sand Drum Information

Sand Drum Diameter .....	12.75 in.
Standard Sand Line Size .....	.9/16 in.
Sand Line .....	12,000 ft.
Drive Chain .....	Single 140
Brake System .....	Single 48 in. Disc or 42 x 8 blocks
Brake Cooling .....	Air

### MAST

Model .....	71/150
Mast Height .....	71 ft.
No. of Lines to the Block .....	4
API Capacity .....	150,000 lbs.
Drill Line Size .....	.7/8 in.
Racking Board Height .....	25 ft. 10 in.
Rod Basket Height .....	53 ft. 8 in.
Traveling Block (included) .....	75 ton

### Mast Raising System

Raising Rams .....	1-3 Stage, Double Acting
Telescoping Ram .....	(1) Single Stage
Guy lines (included) ....	(2) with Ratcheting Boomers
Wind Guys (included) .....	(1) Set with Tail Chains
Tubing Board Guys .....	(1) Set with Tail Chains

### POWER SYSTEM

Engine .....	Caterpillar C-13
Cylinders / Type .....	.6 / 4-Stroke
Horsepower .....	415 Hp
Governed Speed .....	2,100 RPM
Air Cleaner .....	Dry Type
Emergency Stop .....	Standard

### Transmission

Gearing .....	.5 Forward / 1 Reverse
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### 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 of L drive)
Heater / Defroster .....	40,000 BTU
Driver Seat .....	Air Ride
Mirrors .....	West Coast Style

### RIG LEVELING SYSTEM

Leveling Jacks .(4) 48 in. Hyd. with Manual Back-up
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### CARRIER

Type .....	4 axle, 8x4 drive
Length w/ Mast .....	42 ft. 5 in.
Overhang, front .....	6 ft. 4 in.
Axle to Bumper .....	5 ft.
Rear Axle Spacing .....	54 in.
Rear Axle to Back of Rig .....	11 ft. 8 in.
Height (OTR) .....	13 ft. 10 in.
Estimated Rig Weight .....	73,640 lbs.

### AXLES - SUSPENSION

Front .....	Tandem / Steerable
Axle Capacity .....	20,000 lbs. per axle
Suspension Type .....	Spring
Rear .....	Tandem
Axle Capacity .....	23,000 lbs.
Drive Ratio .....	4.11:1

### Brakes

ABS System .....	Standard- Drum
Emergency Brake .....	Air

### Tires & Wheels

Front Tires .....	425/65 R22.5 in.
Front 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 and Rear
Front Bumper .....	Slant Type

### Paint

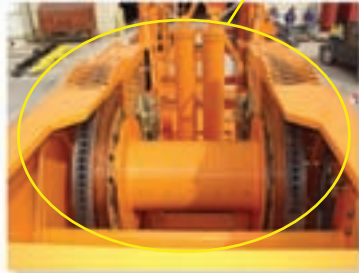
Standard Paint .....	2 Non-Metallic Colors
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\* Unit shown with optional equipment.

*The TI-300 is specifically design for well servicing and workover applications on small or mountainous locations. The short wheel base carrier provides a extremely short turning radius and with only 6 ft. of overhang the TI-300 gets into the tightest spots. The 48 in. stroke hydraulic jacks ensure a sold level rig foundation on the most compact of leases.*



*The cab & controls are state-of-the-industry and designed for safe and efficient rig moving. The TI-300 comes standard with full controls and instrumentation including power view, giving the operators a full complement of diagnostic and performance read-outs.*

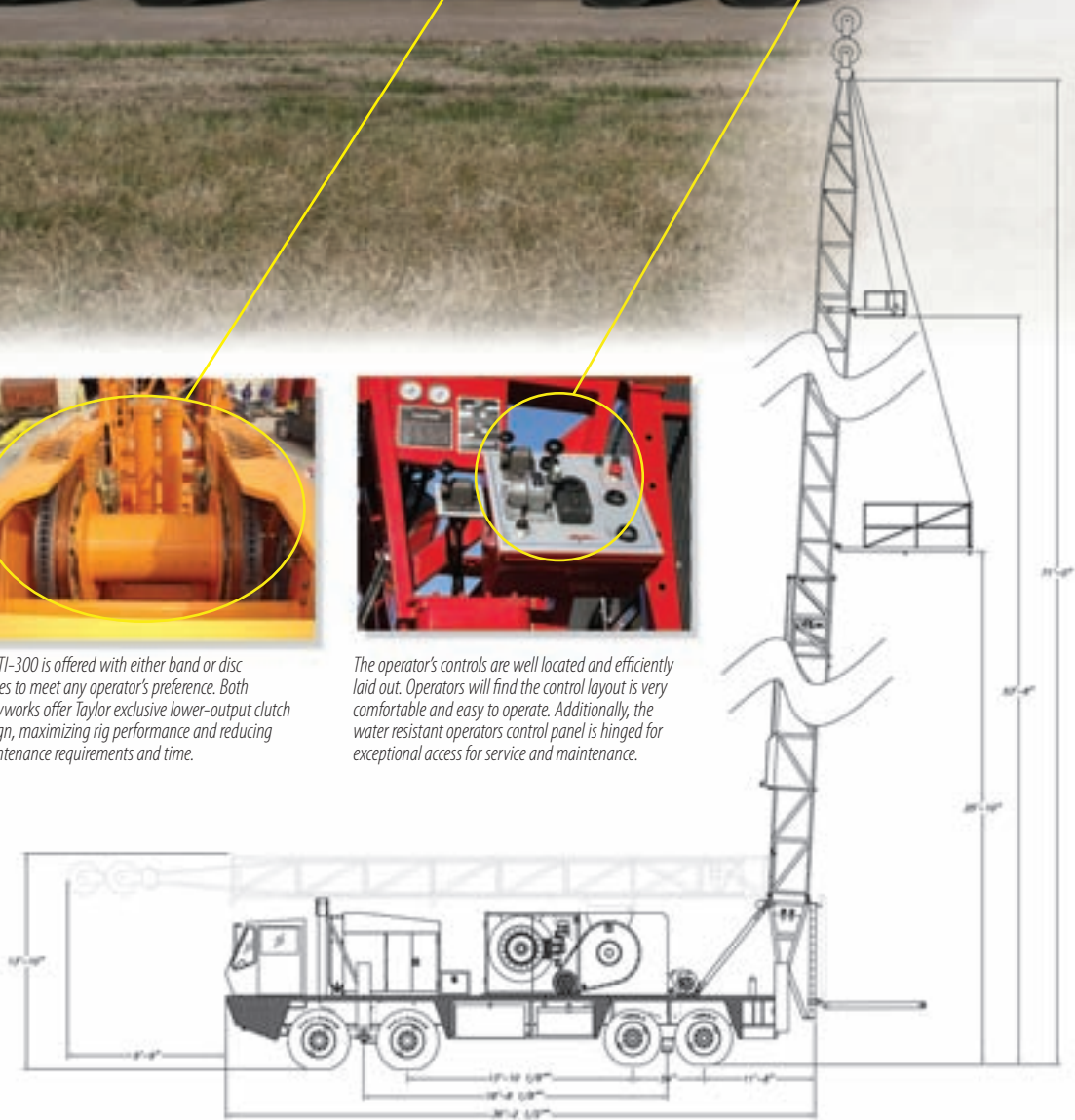


*The TI-300 is offered with either band or disc brakes to meet any operator's preference. Both drawworks offer Taylor exclusive lower-output clutch design, maximizing rig performance and reducing maintenance requirements and time.*



*The operator's controls are well located and efficiently laid out. Operators will find the control layout is very comfortable and easy to operate. Additionally, the water resistant operators control panel is hinged for exceptional access for service and maintenance.*

*The TI-300 is a very compact unit designed specifically for tight, mountainous, or limited access locations. The TI-300 is road legal in all 50 states and comes with extended lift jacks for maximum rig flexibility.*



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**Call Taylor Industries today 918-266-7301, or visit our website: [www.taylorindustries.net](http://www.taylorindustries.net)**

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