

Taylor



## THE TI-400

The TI-400 features a 96 ft. (29.3 m) mast and hook loads up to 205,000 lbs. (93 MT). The 425 Hp deck-mounted engine provides power for both the 4-axle carrier and the drawworks package. Ideally suited for service depths through 14,000 ft. (4,267 m), the TI-400 Series is available with band or disc brake drawworks. The TI-400 offers wide open deck space for maximum utilization. The TI-400 is a straight forward unit focused on ease of maintenance and superior performance. All critical maintenance points are easily accessed and brake adjustment is simple and clear.

### DRAWWORKS

Model ..... TI-254 (disc) or DD42-148 (Band)  
Single Line Pull ..... 40,000 lbs.

### Hoisting Drum Information

Main Barrel Dimensions ..... 18.75 in. x 34 in.  
Wire Line Size ..... 1 in.  
Wire Line (included) ..... 625 ft.  
Drum Clutch ..... 14 in. 3-Plate  
Gearing ..... 5 Forward / 1 Reverse  
Drive Chain ..... Single 160  
Brake System ..... Dual 48 in. Disc / 42 x 12 blocks  
Brake Cooling ..... Air/splash

### Sand Drum Information

Sand Drum Diameter ..... 12.75 in.  
Standard Sand Line Size ..... 9/16 in.  
Sand Line (included) ..... 14,000 ft.  
Drive Chain ..... Single 140  
Brake System ..... Single 48 in. Disc or 42 x 8 blocks  
Brake Cooling ..... Air/Splash

### MAST

Model ..... 96/205  
Mast Height ..... 96 ft.  
No. of Lines to the Block ..... 4 or 6  
API Capacity ..... 205,000 lbs.  
Drill Line Size ..... 1 in.  
Racking Board Height ..... 55 ft. 2in.  
Rod Basket Height ..... 78 ft. 6 in.  
Traveling Block (included) ..... 100 ton 83A non weighted

### Mast Raising System

Raising Rams ..... 1-3 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-13 / Det 5-60  
Cylinders / Type ..... 6 / 4-Stroke  
Horsepower ..... 425 Hp  
Governed Speed ..... 2,100 RPM  
Air Cleaner ..... Single Dry Type  
Emergency Stop ..... Standard

### Transmission

Gearing ..... 5 Forward / 1 Reverse  
Optional ..... CAT/Avtech/Allison

### 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 Preson (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 Back-up

### CARRIER

Type ..... 4 axle, 8x4 drive  
Length w/ Mast ..... 57 ft.

Overhang, front ..... 11 ft. 6 in.  
Axle to Front Bumper ..... 5 ft.  
Bridge Span ..... 19 ft. 5 in.  
Rear Axle Spacing ..... 55 in.  
Rear Axle to Back of Rig ..... 11 ft 8 in.  
Height (OTR) ..... 14 ft. 3 in.  
Estimated Rig Weight ..... 81,940 lbs.

### AXLES - SUSPENSION

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

### 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 ..... 11Rx 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

# TI-400

## SERVICE & WORKOVER UNIT

*The TI-400 is a staple in the oil fields through the world. Its compact size and double triple mast capacity make the TI-400 an excellent choice for a wide variety of service and light workover applications.*



*The cab & controls are state-of-the-industry and designed for safe and efficient rig moving. The TI-400 comes standard with full controls and instrumentation including power view, giving the operators a full complement of diagnostic and performance read-outs.*

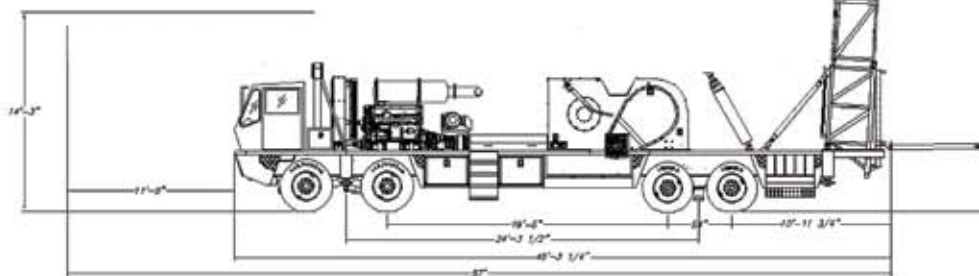


*The TI-400 offers 38,000 lbs single line pull and is offered with either 42 in. band or dual 54 in. disc brakes. Both drawworks offer Taylor exclusive lower-output clutch design, maximizing rig performance and reducing maintenance requirements and time.*



*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-400 is the unit which put Taylor on the map. It's wide open layout, clean, uncluttered design and straightforward operation make the TI-400 a favorite among operators and crews alike.*



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SERVICE & WORKOVER UNIT



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

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