



“Optional 5th Wheel Axle Shown”



TI400 SERVICE & WORKOVER UNIT

THE TI400

The Ti400 features a 96 ft. (29.3 m) mast and the 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. (4,267m), the Ti400 Series is available with band or disc brake drawworks. The Ti400 offers wide open deck space for maximum utilization. The Ti400 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 straightforward.

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 (optional) 625 ft.
 Drum Clutch 18 in. 3-Plate
 Gearing 6 Forward / 1 Reverse
 Drive Chain Double 160
 Brake System Dual 54 in. Disc / 42 x 12 blocks
 Brake Cooling Air/Water Spray

Sand Drum Information

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

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. 2 in.
 Rod Basket Height 78 ft. 6 in.
 Traveling Block (optional) .. 100 ton 83A non-weighted

Mast Raising System

Raising Rams 1-3 stage, double acting
 Telescoping Ram (1) single stage

Guy Lines (2) with Ratcheting Boomers
 Wind Guys (1) Set with Tail Chains
 Tubing Board Guys (1) Set with Tail Chains

POWER SYSTEM

Engine Caterpillar C-15 / 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

Model Allison 4500-OFS
 Gearing 6 Forward / 1 Reverse

AIR ELECTRICAL & HYDRAULIC

Compressor 32 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 Break Away

RIG LEVELING SYSTEM

Leveling Jacks (4) 12 in. Hyd. w/ Manual Back-up
 (2) Screw Type

CARRIER

Type 4 axle, 8x4 drive
 Length w/ Mast 61 ft. 11 in.
 Overhang, front 14 ft. 11 in.
 Axle to Front Bumper 5 ft. 2 in.
 Bridge Span 19 ft. 1 in.
 Rear Axle Spacing 54 in.
 Rear Axle to Back of Rig 12 ft. 9 in.
 Height (OTR) 14 ft. 4 in.
 Estimated Rig Weight 81,940 lbs.

AXLES - SUSPENSION

Front Tandem / Steerable
 Axle Capacity 22,000 lbs. per axle
 Suspension Type Spring
 Rear Walking Beam with Air Tag
 Axle Capacity 23,000 lbs.

Brakes

ABS System Standard - Drum
 Park Brake Air

Tires & Wheels

Front Tires 445/65 R22.5 in.
 Wheels 13 in. / 22.5 in.
 Rear Tires 11R 22.5 in.
 Rear Wheels 8 in. / 22.5 in.

Frame

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

Paint

Standard Paint 2 Non-Metallic Colors

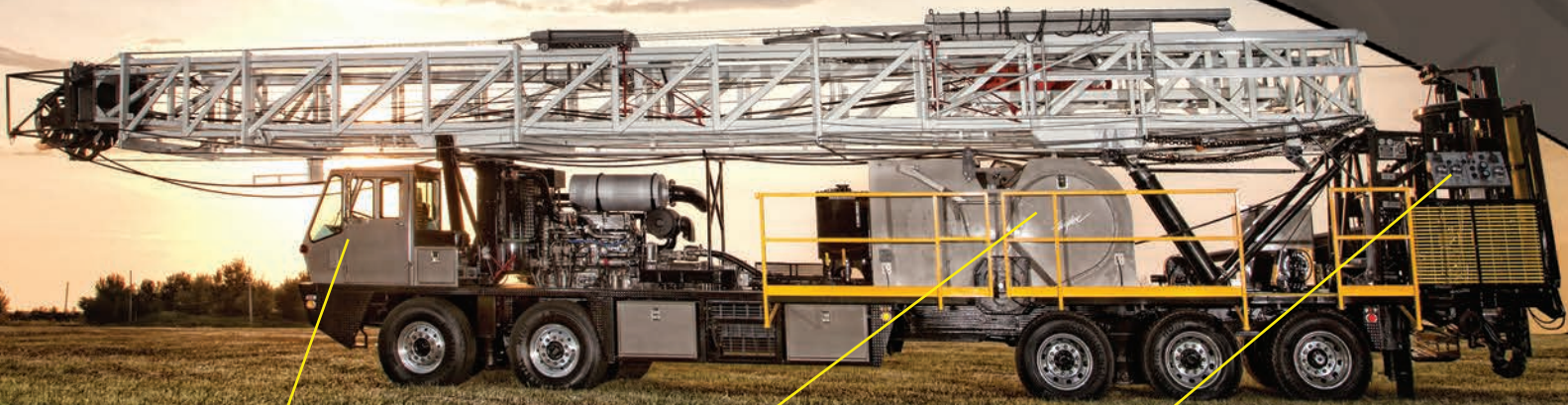
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TAYLOR INDUSTRIES.
 EXCEEDING EXPECTATIONS.

* Unit shown with optional equipment.

Taylor



The cab and controls are state-of-the-industry and designed for safe and efficient rig operation. The Ti400 comes standard with full controls and instrumentation including power view, giving the operators a full complement of diagnostic and performance read-outs.

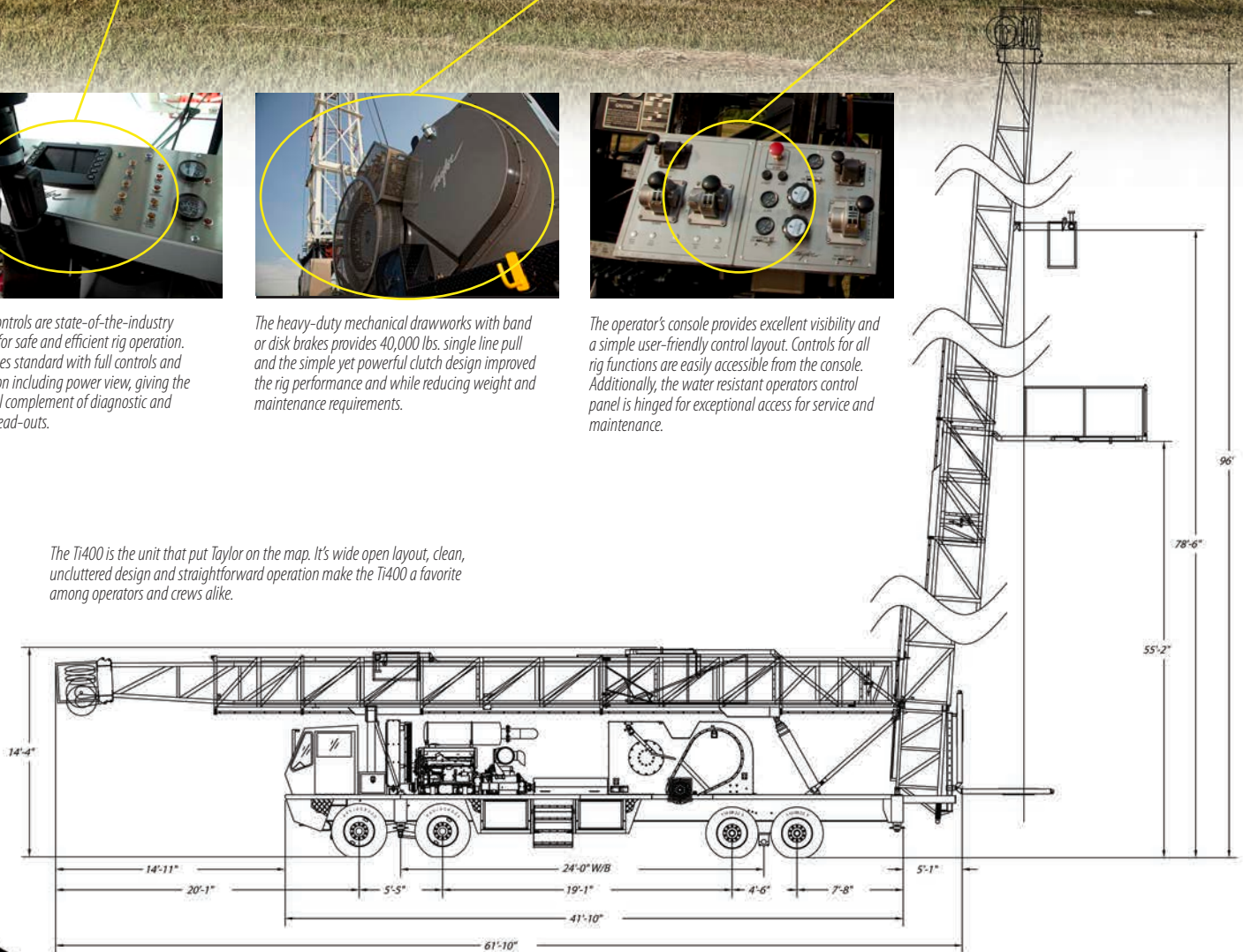


The heavy-duty mechanical drawworks with band or disk brakes provides 40,000 lbs. single line pull and the simple yet powerful clutch design improved the rig performance and while reducing weight and maintenance requirements.



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.

The Ti400 is the unit that put Taylor on the map. It's wide open layout, clean, uncluttered design and straightforward operation make the Ti400 a favorite among operators and crews alike.



Call Taylor Industries today 877-266-7301, or visit our website: www.taylorindustries.net

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