



THE TI-700

The TI-700 is the workhorse of the Taylor rig line. Providing a 300,000 lbs. hoisting capacity and mounted on a self-propelled 6-axle carrier, the TI-700 is as powerful as it is maneuverable. Offered with Taylor's innovative disc brake package and additional disc assist, it has solid braking power for the heaviest loads. The Caterpillar C-18, capable of pumping out 700 Hp, will ensure that the TI-700 is never short on hoisting power. As with every Taylor rig, the TI-700's layout is simple and straightforward, providing maximum access for service and maintenance. Additionally, the TI-700 comes standard with hydraulic walkways and work platforms to ensure fast, safe and efficient rig-up in the field.

DRAWWORKS

Model TI-260-160
 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 750 ft.
 Drum Clutch 18 in. 3-Plate
 Gearing 6 Forward / 1 Reverse
 Drive Chain Double 160
 Brake System Dual Disc 60 in. x 7 in.
 Brake Cooling Air
 Assist Brake Single 60 in. Disc

Sand Drum Information

Sand Drum Diameter 12.75 in. x 35.5 in.
 Standard Sand Line Size 1 in.
 Sand Line 16,000 ft.
 Drive Chain Single 140
 Brake System Single Disc 48 in. x 7 in.
 Brake Cooling Air

MAST

Model 112/300
 Mast Height 112 ft.
 No. of Lines to the Block 6 or 8
 API Capacity 300,000 lbs.
 Drill Line Size 1 in.
 Racking Board Height 58/63/78 ft.
 Rod Basket Height Optional
 Traveling Block 150 ton 84A weighted

Mast Raising System

Raising Rams 2-3 stage, double acting

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

POWER SYSTEM

Engine Caterpillar C-18
 Cylinders / Type 6 / 4-Stroke
 Horsepower 700 Hp
 Governed Speed 2,100 RPM
 Air Cleaner Single Dry Type
 Emergency Stop Standard

Transmission

Type Alison M6610-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 Backup

CARRIER

Type 7 axle, 12x4 drive

Length w/ Mast 68 ft. 4 in.
 Overhang, front 17 ft. 1 in.
 Axle to Front Bumper 5 ft.
 Bridge Span 13 ft. 1 in.
 Rear Axle Spacing 54 in.
 Rear Axle to Back of Rig 11 ft. 8 in.
 Height (OTR) 14 ft. 5 in.
 Estimated Rig Weight 123,000 lbs.

AXLES - SUSPENSION

Front Tandem/ Steerable
 Axle Capacity 24,000 lbs. per axle
 Suspension Type Spring
 Rear Tandem/ Pusher/ Drag
 Axle Capacity 58,000 lbs.
 Tag Axle Capacity 22,000 lbs. ea.
 Drive Ratio 6.17:1

Brakes

ABS System Standard Drum
 Park Brake Air

Tires & Wheels

Tires 425/65 R22.5
 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
 Front Points Front & Rear
 Tow Bumper Slant Type

Paint

Standard Paint 2 Non-Metallic Colors

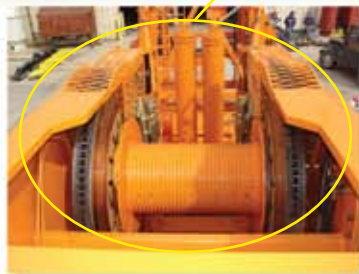
TI-700

HEAVY WORKOVER UNIT

The TI-700 is a high performance heavy-duty workover and light drilling rig. The unit offers operators a 300,000 lb. (136mt) hook load on a 6-line string with 112 ft. (34.1m) mast height.



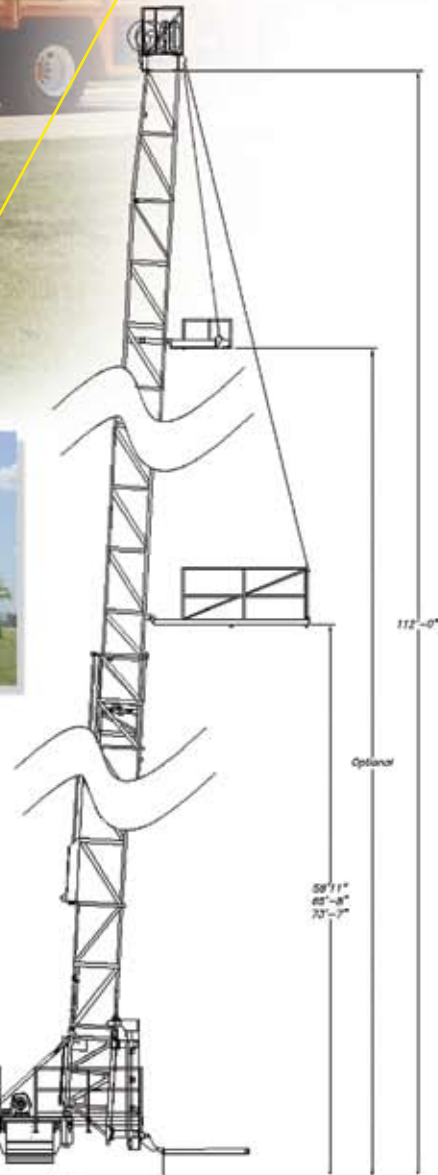
The TI-700 is equipped with a 700 Hp single Caterpillar C-18 off-road engine with an Allison MS610DB transmission. The power train design allows for excellent service access and the proprietary mounting design allows for separate removal of the engine or transmission.



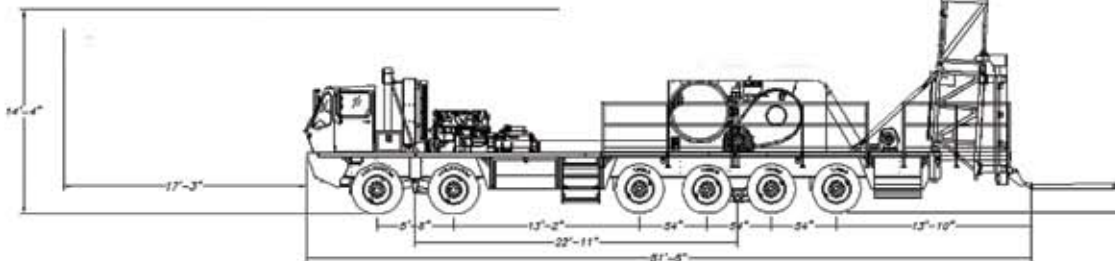
The high performance disc brake drawworks offers unsurpassed maintenance access and simplicity of operation. The twin 60 in. rotors are assisted by an additional 60 in. assist brake. For ease of operation, the assist brake is separately controlled much like a conventional hydromatic brake.



The TI-700's operator console is integrated with the operator's platform and light work platform. The assembly will raise or lower hydraulically, for fast efficient rig-up at any operating height.



The TI-700 is one of the most powerful, yet maneuverable rigs in the industry. In typical Taylor tradition, the TI-700 is kept clean and simple, allowing the unit to have the most desirable options and tools on board, while remaining within DOT weight limitations.



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

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