



# DI400-CA SERVICE & WORKOVER UNIT

## THE DI400-CA

The Di400-CA features a 100 ft. (30.5 m) mast and the hook loads up to 215,000 lbs (97.52 mt). Each unit is mounted on a 4-axle heavy duty chassis and powered by a Cummins ISX Tier IV engine providing 500 Hp. The specially designed chassis is configured specifically for the unique requirements of the California Market.

### DRAWWORKS

Model ..... DD42-148 Band Brake  
Single Line Pull ..... 38,000 lbs.

### Hoisting Drum Information

Main Barrel Dimensions ..... 18.75 in. x 34 in.  
Wire Line Size ..... 1 in.  
Drum Clutch ..... 18 in. 3-Plate  
Gearing ..... 6 Forward / 1 Reverse  
Drive Chain ..... Double 160  
Brake System ..... 42 x 12 blocks  
Assist Brake ..... Single 48 in. disc  
Brake Cooling ..... Water Spray

### Sand Drum Information (optional on T1700)

Sand Drum Diameter ..... 12.75 in.  
Standard Sand Line Size ..... 9/16 in.  
Max. Sand Line (Optional) ..... 16,000 ft.  
Drive Chain ..... Single 140  
Brake System ..... 42x8 blocks  
Brake Cooling ..... Water Spray

### MAST

Model ..... 100/215  
Mast Height ..... 100 ft.  
No. of Lines to the Block ..... 4 or 6  
API Capacity ..... 215,000 lbs  
Drill Line Size ..... 1 in.  
Racking Board Height ..... 56 ft. 0 in.  
Rod Basket Height ..... 63 ft. 0 in.  
Traveling Block ..... (optional)

### Mast Raising System

Raising Rams ..... (2) 4 Stage, Double Acting  
Telescoping Ram ..... (1) Single Stage  
Guy Lines ..... (2) with Turnbuckles  
Wind Guys ..... (1) Set with Tail Chains  
Tubing Board Guys ..... (1) Set with Tail Chains

### POWER SYSTEM

Engine ..... Cummins ISX-15 (tier IV)  
Cylinders / Type ..... 6 / 4-Stroke  
Horsepower ..... 500 Hp  
Governed Speed ..... 2,100 RPM  
Air Cleaner ..... Single Dry Type  
Emergency Stop ..... Standard

### Transmission

Type ..... Alison 4500 OFS  
Drop Box ..... Cotta  
Gearing ..... 6 Forward / 1 Reverse

### AIR ELECTRICAL & HYDRAULIC

Compressor ..... 37 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 (CTR Position)  
Heater/ Defroster ..... 40,000 BTU  
Drivers Seat ..... Air Ride  
Mirrors ..... Break Away

### RIG LEVELING SYSTEM

Leveling Jacks ..... (4) 12 in. Hyd. w/ Manual Lock

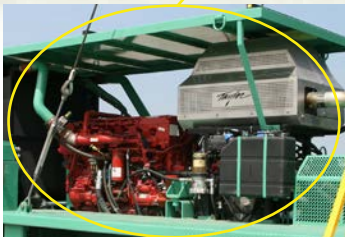
### CARRIER

Type ..... 4 axle, 8 x 4 Drive  
Main Rails ..... 21 in. 53 lbs. / ft.  
Frame Deck ..... Diamond Plate  
Tow Points ..... Front & Rear  
Front Bumper ..... Slant Type  
Length w/ Mast ..... 61 ft. 5 in.  
Overhang, Rear ..... 22 ft. 2 in.  
Bridge Span ..... 20 ft 1/2 in.  
Rear Axle Spacing ..... 6 ft 8 in.  
Rear Axle to Back of Rig ..... 3 ft. 0 in.  
Height (OTR) ..... 13 ft. 11 in.  
Estimated Rig Weight\* ..... 91,200 lbs.  
Standard Paint ..... 2 Non-Metallic Colors  
\* Estimated weight based on average configurations.  
Weight will vary depending on rig options requested.

### AXLES & SUSPENSION

Front ..... Tandem / Steerable  
Axle Capacity ..... 24,000 lbs. per axle  
Suspension Type ..... Spring  
Rear ..... Tandem / Driving  
Axle Capacity ..... 23,000 lbs. per axle  
Suspension Type ..... Air Bag  
ABS System ..... Standard - Drum  
Park Brake ..... Air  
Front Tires ..... 445/65 R22.5 in.  
Wheels ..... 13 in. / 22.5 in. Aluminum  
Rear Tires ..... 12R 22.5 in.  
Rear Wheels ..... 8 in. / 22.5 in. Aluminum

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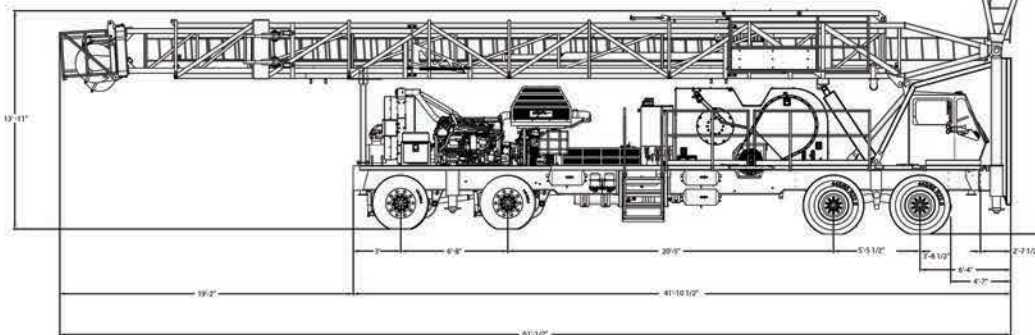
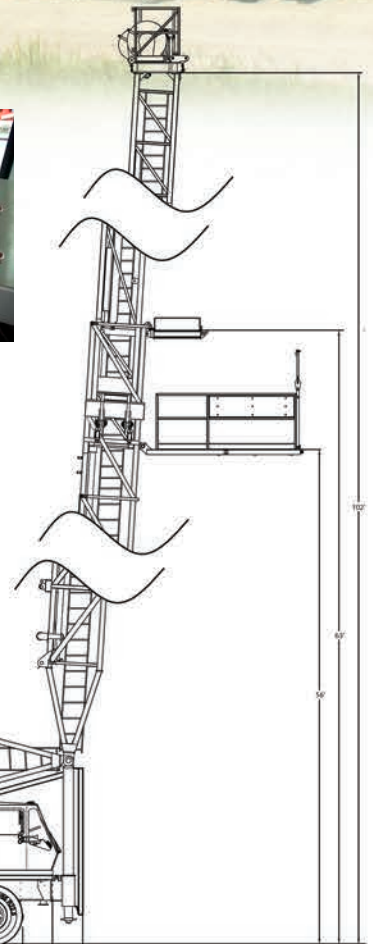
Powered by a 500 hp Cummins ISX15 Tier IV power plant, the powerful Di400-CA rig meets all CARB and Clean Idle certification requirements. The standard Allison 4500 OFS transmission ensures smooth and reliable performance throughout the rig's operating range.



The Di400-CA comes standard with custom operator's consoles, configured to meet each customer's specific needs. Controls are configured to maximize operator efficiency and crew safety.



The cab and controls are state-of-the-industry and designed for safe and efficient rig operation. The Di400-CA comes standard with full controls and instrumentation including Power View®, giving the operators a full complement of diagnostic and performance read-outs.



*Taylor*  
INDUSTRIES

Call Taylor Industries today 877-266-7301,  
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