



WATSON CORSAIR 400

DRAWORKS

Model Corsair 400
 Single Line Pull 41,000 lbs.

Hoisting Drum Information

Main Barrel Dimensions 18.75 in. x 36.375 in.
 Wire Line Size 1 in.
 Wire Line 700 ft. 4-Line; 900 ft. 6-Line
 Drum Clutch 24 in. 2-Plate
 Gearing 6 Forward / 1 Reverse
 Drive Chain Triple 80
 Brake System Flange & Band / 42 x 10 Blocks
 Brake Cooling Spray Water

Sand Drum Information

Sand Drum Diameter 12.75 in.
 Standard Sand Line Size 9/16 in.
 Sand Line (included) 15,000 ft.
 Drive Chain Double 100
 Brake System 42 x 8 Blocks
 Brake Cooling Spray Water

MAST

Model 104 / 250
 Mast Height 104 ft.
 No. of Lines to the Block 4, 6 or 8
 API Capacity 250,000 lbs.
 Drill Line Size 1 in.
 Racking Board Height 55 ft. 7 in. / 66 ft. 7 in.
 Rod Basket Height 78 ft. 7 in.
 Traveling Block 100 ton 83A non-weighted

Mast Raising System

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

Guy Lines (2) with Ratcheting Turnbuckles
 Wind Guys (1) Set 5/8 in. x 180 ft.
 Tubing Board Guys (1) Set 9/16 in. x 160 ft.

POWER SYSTEM

Engine Cummins / Det 5-60
 Cylinders / Type 6 / 4 -Stroke
 Horsepower 475 hp.
 Governed Speed 2,100 rpm.
 Air Cleaner Single Dry Type
 Emergency Stop Standard

Transmission

Type .. Allison M5610-Drop Box / 4700 OFS-Cotta 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
 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 5 Axle, 10 x 4 Drive
 Length with Mast 66 ft. 5 in.
 Overhang, Front 16 ft. 6 in.
 Axle to Front Bumper 5 ft.
 Bridge Span 19 ft.
 Rear Axle Spacing 52 in.
 Rear Axle to Back of Rig 11 ft. 8 in.
 Height (OTR) 14 ft. 4 in.
 Estimated Rig Weight 93,400 lbs.

AXLES & SUSPENSION

Front Tandem / Steerable
 Axle Capacity 20,000 lbs. Per Axle
 Suspension Type Spring
 Rear Tandem
 Axle Capacity 26,000 lbs.
 Tag Axle Capacity 20,000 lbs.
 Drive Ratio 6.17:1

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 11R x 22.5 in.

Frame

Main Rails 21 in. 57 lbs./ft.
 Frame Deck 3/16 in. Diamond Plate
 Tow Points Front & Rear
 Front Bumper Slant Type

Paint

Standard Paint 2 Non-Metallic Colors

WATSON CORSAIR 400

The most popular of the Corsair line. This unit is a workhorse. Well respected in the industry for its simple, yet rugged design. If you want one of the most versatile rigs in the industry at a value price, this unit is for you. Normally equipped with a 104 foot 250,000 pound mast.



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