



# WATSON HOPPER IGXTA

## DRAWORKS

Model ..... IGXTA  
 Single Line Pull ..... 30,000 lbs.

### Hoisting Drum Information

Main Barrel Dimensions ..... 14.625 in. x 35 in.  
 Wire Line Size ..... 1.11 in.  
 Wire Line ..... 675 ft.  
 Drum Clutch ..... 18 in. 3-Plate  
 Gearing ..... 6 Forward / 1 Reverse  
 Drive Chain ..... Double 160  
 Brake System ..... 35 x 9 Blocks  
 Brake Cooling ..... Air / Splash

### Sand Drum Information

Sand Drum Diameter ..... 13.875 in.  
 Standard Sand Line Size ..... 9/16 in.  
 Sand Line (included) ..... 10,150 ft.  
 Drive Chain ..... Single 140  
 Brake System ..... Single 48 in. Disc / 35 x 8 Blocks  
 Brake Cooling ..... Air / Splash

## MAST

Model ..... 70 / 140  
 Mast Height ..... 70 ft.  
 No. of Lines to the Block ..... 4  
 API Capacity ..... 140,000 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 ..... 75 ton

### Mast Raising System

Raising Rams ..... 2-3 stage, double acting

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

## POWER SYSTEM

Engine ..... Cummins ISL 9  
 Cylinders / Type ..... 6 / 4 -Stroke  
 Horsepower ..... 380 hp.  
 Governed Speed ..... 2,100 rpm.  
 Air Cleaner ..... Single Dry Type  
 Emergency Stop ..... Standard

### Transmission

Type ..... Allison OFS 4700 / Cotta Drop Box  
 Gearing ..... 7 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) 14 in. Hyd. w/Manual Back-up  
 Bumper Jack ..... (2) 9 in. Hyd w/Manual Back-up

## CARRIER

Type ..... 4 Axle, 8 x 4 Drive  
 Length with Mast ..... 59 ft. 6 in.  
 Overhang, Front ..... 15 ft.  
 Axle to Front Bumper ..... 54 in.  
 Bridge Span ..... 21 ft. 6 in.  
 Rear Axle Spacing ..... 54 in.  
 Height (OTR) ..... 14 ft.  
 Estimated Rig Weight ..... 80,000 lbs.

## AXLES & SUSPENSION

Front ..... Tandem / Steerable  
 Axle Capacity ..... 24,000 lbs. Per Axle  
 Suspension Type ..... Spring / Walking Beam  
 Rear ..... Tandem  
 Axle Capacity ..... 23,000 lbs.  
 Tag Axle Capacity ..... 20,000 lbs.  
 Drive Ratio ..... 6.17:1

### Brakes

ABS System ..... Standard Drum  
 Park Brake ..... Air

### Tires & Wheels

Front Tires ..... 445/65 R22.5 in.  
 Wheels ..... 13 in. / 22.5 in.  
 Rear Tires ..... 11R x 24.5 in.

### Frame

Main Rails ..... 18 in. 50 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 HOPPER IGXTA

This unit is extremely popular in areas where the work is 8,000 foot or less and spacing of wells presents a challenge. This unit is most popular in the California market. Very easy to rig up and maneuver in tight locations.



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