



**DRAGON**

Make it happen.

Well Service &  
Drilling Rig Equipment



USA Toll-Free: 1-800-231-8198

**You are in the  
business of getting  
the job done.**

**We are here to  
help you succeed.**

We manufacture a full line of 300 to 1,000 HP Cooper rigs at our state-of-the-art U.S. facility, keeping close control over every detail to ensure high quality. Our mobile rigs are purposefully engineered and built to be simple, safe, strong, and easy to operate. Our efforts to facilitate your success do not stop with the design. Every rig that comes from Dragon comes with extra support before, during, and after the sale to help keep your equipment and your business operating. Including 24/7 access to our skilled service teams and vast parts inventories. We are always here for you, because we know you do not want downtime. If you want quality, dependability and the support of a long-standing mobile rig expert backing you up.

**That's Dragon. Make it happen.**



**DRAGON**  
Make it happen.



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# Dragon Mobile Rig Parts what you need to do the job – right.

Mobile rigs are so valuable because they're so versatile. The rig gets to the site and gets to work. Yet one worn out part can bring the whole system down. Having the right parts in the right place at the right time is essential to keeping your mobile rigs working and your operation running. This is where Dragon comes in.



CLUTCH PARTS



440 MUD PUMP



CHAIN



WPT WATER BRAKE



HYDRAULIC CYLINDER



PARMAC HYDRAMATIC BRAKES



BEARINGS



AIR VALVES



HYDRAULIC JACKS



RIGHT ANGLE BOXES



MCKISSICK BLOCKS



BRAKE FLANGES



**71-150-4-T MAST:**  
 Certification: API 4F, 3rd Edition  
 Clear height: 71'

**MAXIMUM STATIC LOAD:**  
 150,000 lbs on 4-lines

**ROD BOARD CAPACITY:**  
 (25' rod joints in double stands)  
 312 stands (15,600')—1/2" sucker rod  
 234 stands (11,700')—5/8" sucker rod  
 208 stands (10,400')—3/4" sucker rod  
 182 stands (9,100')—7/8" sucker rod  
 156 stands (7,800')—1" sucker rod  
 130 stands (6,500')—1 1/8" sucker rod

**CAPACITY, TUBING BOARD:**  
 (31' long joints in single stands)  
 11,780 ft—2 3/8 EUE tubing  
 10,540 ft—2 3/8 DP  
 7,750 ft—2 7/8" EUE tubing  
 5,952 ft—2 7/8" DP

Maximum wind rate: 57 knots (66 mph)



# Cooper SP300 Mobile Servicing Rig

Service Depth . . . . . 9,500 ft (2-1/2" tubing)  
 Workover Depth . . . . . 7,530 ft (2-7/8" DP)  
 Rated horsepower, engine . . . . . 350 hp  
 Carrier . . . . . 4 axle—two steer and two drive axles  
 Diameter, wireline . . . . . 1"  
 Road Traveling dimensions . . . . . 43' long x 9'-4" wide x 13'-8" high  
 Carrier dimensions (excluding mast) . . . . . 38' long x 9'-4" wide x 9'-8" high  
 Traveling weight . . . . . 70,000 lbs estimated (not including drill line, sand line, tools, block)

**DRAWWORKS SYSTEM**

**MAIN DRUM**

Brake rim diameter x width . . . . . 42" dia x 10" wide  
 Barrel diameter x width . . . . . 16" dia x 38" wide (excluding lebus)  
 Model, clutch . . . . . PO-224

**SANDLINE DRUM**

Brake rim diameter x width . . . . . 42" dia x 8" wide  
 Barrel diameter x width . . . . . 16" dia x 43" wide  
 Model, clutch . . . . . PO-124  
 Sand drum capacity . . . . . 16,000' of 9/16" cable  
 Spray brake water tank capacity . . . . . 70 gal

Assist Brake . . . . . Air cooled disc brake  
 Brake caliper model . . . . . Kobelt 5026  
 Brake rotor measurements . . . . . 40" dia x 7" braking surface x 4" thick  
 Maximum torque . . . . . 21,920 lbf



**96-205-6-T MAST:**

Certification: API 4F, 3rd Edition  
Clear height: 96'

**MAXIMUM STATIC LOAD:**

205,000 lbs on 6-lines  
180,000 lbs on 4-lines

**CAPACITY, TUBING BOARD:**

(31' long joints in double stands) 23,188  
ft—2 3/8" EUE tubing  
19,840 ft—2 3/8" DP  
18,104 ft—2 7/8" EUE tubing  
13,640 ft—2 7/8" DP  
8,860 ft—3 1/2" DP  
9,920 ft—3 1/2" EUE tubing

**ROD BOARD CAPACITY:**

(25' joints in triple stands) 288 stands  
(21,600')—1/2" sucker rod  
216 stands (16,200')—5/8" sucker rod  
192 stands (14,400')—3/4" sucker rod  
168 stands (12,600')—7/8" sucker rod  
144 stands (10,800')—1" sucker rod  
120 stands (9000')—1 1/8" sucker rod

Maximum wind rate: 57 knots (66 mph)



# Cooper SP400 Mobile Servicing Rig

Service Depth . . . . . 14,500 ft (2-1/2" tubing)  
Workover Depth . . . . . 10,500 ft (2-7/8" DP)  
Rated horsepower, engine . . . . . 350 hp or 425 hp  
Carrier . . . . . 4 axle—two steer and two drive axles  
Diameter, wireline . . . . . 1"  
Road Traveling dimensions . . . . . 56'-5" long x 9'-4" wide x 13'-8" high  
Carrier dimensions (excluding mast . . . . . 39'-10" long x 10' wide x 9'-8" high  
Traveling weight . . . . . 75,000 lbs estimated (not including  
drill line, sand line, tools, block

**DRAWWORKS SYSTEM**

**MAIN DRUM**

Brake rim diameter x width . . . . . 42" dia x 10" wide  
Barrel diameter x width . . . . . 16" dia x 38" wide (excluding lebus)  
Model, clutch . . . . . WPT PO-224  
Maximum fastline pull . . . . . 39,566 lbf

**SANDLINE DRUM**

Brake rim diameter x width . . . . . 42" dia x 8" wide  
Barrel diameter x width . . . . . 16" dia x 43" wide  
Model, clutch . . . . . WPT PO-124  
Sand drum capacity . . . . . 16,000' of 9/16" cable  
Spray brake water tank capacity . . . . . 70 gal

Assist Brake . . . . . Air cooled disc brake  
Brake caliper model . . . . . Kobelt 5026  
Brake rotor measurements . . . . . 40" dia x 7" braking surface x 4" thick  
Maximum torque . . . . . 21,920 lbf



**104-250-8-T MAST:**  
 Certification: API 4F, 3rd Edition  
 Clear height: 104'

**MAXIMUM STATIC LOAD:**  
 250,000 lbs on 8-lines  
 225,000 lbs on 6-lines

**CAPACITY, TUBING BOARD:**  
 (31' long joints in double stands)  
 28,396 ft—2 3/8" EUE tubing  
 24,800 ft—2 3/8" DP  
 22,816 ft—2 7/8" EUE tubing  
 16,864 ft—2 7/8" DP  
 10,540 ft—3 1/2" DP  
 11,780 ft—3 1/2" EUE tubing

**ROD BOARD CAPACITY:**  
 (25' joints in triple stands) 288 stands  
 (21,600')—1/2" sucker rod  
 216 stands (16,200')—5/8" sucker rod  
 192 stands (14,400')—3/4" sucker rod  
 168 stands (12,600')—7/8" sucker rod  
 144 stands (10,800')—1" sucker rod  
 120 stands (9000')—1 1/8" sucker rod

Maximum wind rate: 57 knots (66 mph)



## Cooper SP550 Mobile Servicing Rig

Service Depth.....	20,000 ft (2-1/2" tubing)
Workover Depth.....	14,500 ft (2-7/8" DP)
Rated horsepower, engine.....	500 hp / 2,100 rpm
Carrier.....	5 axle—two steer, two drive axles and one drag axle
Diameter, wireline.....	1"
Road Traveling dimensions.....	63'-5" long x 10' wide x 13'-11" high
Carrier dimensions.....	39'-10" long x 10' wide x 10'-2" high (excluding mast)
Traveling weight.....	84,000 lbs estimated (not including drill line, sand line, tools, block)

### DRAWWORKS SYSTEM

#### MAIN DRUM

Brake rim diameter x width.....	42" dia x 12" wide
Barrel diameter x width.....	18" dia x 38" wide (excluding lebus)
Model, clutch.....	PO-324
Maximum fastline pull.....	45,000 lbf

#### SANDLINE DRUM

Brake rim diameter x width.....	42" dia x 8" wide
Barrel diameter x width.....	16" dia x 43" wide
Model, clutch.....	PO-224
Sand drum capacity.....	16,000' of 9/16" cable
Spray brake water tank capacity.....	80 gal

Assist Brake.....	Air cooled disc brake
Brake caliper model.....	Kobelt 5028
Brake rotor measurements.....	48" dia x 10" braking surface x 4" thick
Maximum torque.....	36,500 lbf



**112-265-8-T MAST:**  
 Certification: API 4F, 3rd Edition  
 Clear height: 112'

**MAXIMUM STATIC LOAD:**  
 265,000 lbs on 8-lines  
 240,000 lbs on 6-lines

**CAPACITY, TUBING BOARD:**  
 26,040 ft—2 7/8" EUE tubing (3.668 dia)  
 22,320 ft—2 7/8" DP (4.125 dia)  
 14,136 ft—3 1/2" EUE tubing (4.50 dia)  
 12,648 ft—3 1/2" DP (4.75 dia)  
 8,928 ft—4 1/2" EUE tubing (5.536 dia)  
 8,184 ft—4 1/2" DP (6.25 dia)

Maximum wind rate: 57 knots (66 mph)



## Cooper SP600 Mobile Servicing Rig

Service Depth . . . . . 14,100 ft (3 1/2" EUE tubing)  
 Workover Depth . . . . . 12,600 ft (3 1/2" DP)  
 Rated horsepower, engine . . . . . 550 hp / 2,100 rpm  
 Carrier . . . . . 5 axle—two steer, two drive axles  
 and one drag axle Option - 6 axle -  
 three steer, two drive and one drag  
 axle  
 Diameter, wireline . . . . . 1" for 265,000 lb capacity  
 1 1/8" for 300,000 lb capacity  
 Road Traveling dimensions . . . . . 68'-1" long x 10' wide x 14'-1" high  
 Carrier dimensions . . . . . 45' long x 10' wide x 10'-2" high  
 (excluding mast)  
 Traveling weight . . . . . 94,000 lbs estimated (not including  
 drill line, sand line, tools, block

### DRAWWORKS SYSTEM (Single drum drawworks available)

**MAIN DRUM**  
 Brake rim diameter x width . . . . . 42" dia x 12" wide  
 Barrel diameter x width . . . . . 18" dia x 38" wide (excluding lebus)  
 Model, clutch . . . . . PO-324  
 Maximum fastline pull . . . . . 45,000 lbf  
 Brake rim cooling . . . . . Splash

### SANDLINE DRUM

Brake rim diameter x width . . . . . 42" dia x 8" wide  
 Barrel diameter x width . . . . . 16" dia x 43" wide  
 Model, clutch . . . . . PO-224  
 Sand drum capacity . . . . . 16,000' of 9/16" cable  
 Spray brake water tank capacity . . . . . 80 gal

### ASSIST BRAKE (other options available)

Brake model . . . . . WPT 224 water cooled brake  
 Torque rating . . . . . 223,200 lb-in @ 100 psi  
 (standard friction material)



## Cooper SP650 Mobile Servicing Rig

**112-300-8-T MAST:**  
Certification: API 4F, 3rd Edition  
Clear height: 112'

**MAXIMUM STATIC LOAD:**  
300,000 lbs on 8-lines  
275,000 lbs on 6-lines

**CAPACITY, TUBING BOARD:**  
26,040 ft—2 7/8" EUE tubing (3.668 dia)  
22,320 ft—2 7/8" DP (4.125 dia)  
14,136 ft—3 1/2" EUE tubing (4.50 dia)  
12,648 ft—3 1/2" DP (4.75 dia)  
8,928 ft—4 1/2" EUE tubing (5.536 dia)  
8,184 ft—4 1/2" DP (6.25 dia)

Maximum wind rate 57 knots (66 mph)

Service Depth . . . . . 14,100 ft (3 1/2 EUE tubing)  
Workover Depth . . . . . 12,600 ft (3 1/2 DP)  
Drilling Depth . . . . . 8,100 ft (4 1/2 DP)  
Rated horsepower, engine . . . . . 575 hp / 2,100 rpm  
Carrier . . . . . 6 axle—three steer, two drive  
and one drag axle  
Diameter, wireline . . . . . 1 1/8"  
Road Traveling dimensions . . . . . 68'-1" long x 10' wide x 14'-1" high  
Carrier dimensions (excluding mast) . . . . . 45' long x 10' wide x 10'-2" high  
Maximum speed . . . . . 55 mph  
Traveling weight . . . . . 97,000 lbs estimated (not including  
drill line, sand line, tools, block

### DRAWWORKS SYSTEM

#### MAIN DRUM

Brake rim diameter x width . . . . . 42" dia x 12" wide  
Barrel diameter x width . . . . . 18" dia x 38" wide (excluding lebus)  
Model, clutch . . . . . PO-324  
Maximum fastline pull . . . . . 47,000 lbf  
Brake rim cooling . . . . . Water circulating

#### ASSIST BRAKE (other options available)

Brake model . . . . . WPT 224 water cooled brake  
Torque rating . . . . . 223,200 lb-in @ 100 psi  
(standard friction material)







**118-425,000 MAST:**  
 Certification: API 4F, 3rd Edition  
 Clear height: 118'

**MAXIMUM STATIC LOAD:**  
 425,000 lbs on 10-lines  
 340,000 lbs on 8-lines  
 Capacity, tubing board:  
 9,000 ft - 5" DP (6.5 dia)  
 Tubing board finger position  
 Parallel to mast face (side rack)

Maximum wind rate: 60 knots (69 mph)

**SUBSTRUCTURE:**  
 Working height: 17'  
 Clearance under rotary beams: 13'-3"  
 Maximum Setback Capacity: 300,000 lbs  
 Maximum Rotary Capacity: 425,000 lbs  
 Maximum Simultaneous  
 Capacity: 725,000 lbs  
 Rotary Table Size: 27 1/2"



## Cooper TR750 Mobile Drilling Rig

Service Depth . . . . . 25,000 ft (2 7/8 EUE tubing)  
 Workover Depth . . . . . 16,000 ft (3 1/2 DP)  
 Drilling Depth . . . . . 10,500 ft (4 1/2 DP)  
 Rated horsepower, engine (Two) . . . . 425 hp / 2,100 rpm x Two  
 Trailer . . . . . Four axle  
 Diameter, wireline . . . . . 1 1/8"  
 Road Traveling dimensions  
 (excluding tow vehicle) . . . . . 70'-5" long x 11'-2" wide x  
 15'-2" high  
 Trailer dimensions (excluding mast) . . 62'-11" long x 11'-2" wide x  
 10'-11" high

### DRAWWORKS SYSTEM

#### MAIN DRUM

Brake rim diameter x width . . . . . 42" dia x 12" wide  
 Barrel diameter x width . . . . . 18" dia x 41" wide (excluding lebus)  
 Model, clutch . . . . . WPT PO-324  
 Maximum fastline pull . . . . . 47,000 lbf  
 Brake rim cooling . . . . . Water circulating

#### ASSIST BRAKE (other options available)

Brake model . . . . . WPT 324 water cooled brake  
 Torque rating . . . . . 334,800 lb-in @ 100 psi  
 (standard friction material)



**122-425,000 MAST:**  
 Certification: API 4F, 2nd Edition  
 Clear height: 122'

**MAXIMUM STATIC LOAD:**  
 425,000 lbs on 10-lines  
 340,000 lbs on 8-lines

**CAPACITY, TUBING BOARD:**  
 9,000 ft- 5" DP (6.5 dia)  
 Tubing board finger position  
 Parallel to mast face (side rack)

Maximum wind rate: 60 knots (69 mph)

**SUBSTRUCTURE:**  
 Working height: 21'  
 Clearance under rotary beams: 17'-4"  
 Maximum Setback Capacity: 300,000 lbs  
 Maximum Rotary Capacity: 425,000 lbs  
 Maximum Simultaneous  
 Capacity: 725,000 lbs  
 Rotary Table Size: 27 1/2"



## Cooper TR1000 Drilling Rig

Service Depth.....	25,000 ft (2 7/8 EUE tubing)
Workover Depth .....	16,000 ft (3 1/2 DP)
Drilling Depth .....	12,000 ft (4 1/2 DP)
Rated horsepower, engine (Two).....	550 hp / 2,100 rpm x Two
Trailer .....	Four axle
Diameter, wireline .....	1 1/8"
Road Traveling dimensions (excluding tow vehicle).....	70'-5" long x 11'-2" wide x 15'-2" high
Trailer dimensions (excluding mast) ..	62'-11" long x 11'-2" wide x 10'-11" high

### DRAWWORKS SYSTEM

#### MAIN DRUM

Brake rim diameter x width .....	46" dia x 12" wide
Barrel diameter x width .....	20" dia x 41" wide (excluding lebus)
Model, clutch .....	PO-330
Maximum fastline pull .....	52,000 lbf
Brake rim cooling .....	Water circulating

#### ASSIST BRAKE (other options available)

Brake model.....	WPT 324 water cooled brake
Torque rating .....	334,800 lb-in @ 100 psi (standard friction material)



## 440 Triplex Mud Pump

Package Dimensions . . . . . 25' long x 8'-3" wide x 7'-10" high  
 Package Weight . . . . . 20,500 lbs  
 Rated engine horsepower . . . . . 425 hp  
 Transmission . . . . . Allison HT750DR  
 Rated input horsepower to pump . . . . . 440 hp  
 Fuel tank capacity . . . . . 100 gal  
 Charge pump . . . . . Dragon Products 5x4x14 centrifugal, belt drive

### MUD PUMP SPECIFICATIONS

Model . . . . . Dragon Products W-440  
 Input horsepower rating . . . . . 440 hp  
 Pump speed rating . . . . . 320 cycles per minute (960 SPM)  
 Stroke length . . . . . 6"  
 Fluid end working pressure . . . . . 3000 psi or 5000 psi  
 Discharge connection size . . . . . 2"  
 Suction connection size . . . . . 6"  
 Accessory connection size . . . . . 2" NPT  
 Maximum piston and liner size . . . . . 4 1/2"  
 Valve size . . . . . API-4  
 Piston rod end . . . . . SA-4  
 Internal gear ratio . . . . . 4.578:1  
 Pump weight . . . . . 8940 lbs

W-440			HP	260	320	380	440
			SPM	510	660	810	960
LINER SIZE	MAX PSI	GPS	GPM				
3	5000	.184	94	121	149	204	
3 1/2	4045	.25	127	165	202	240	
3 3/4	3523	.287	146	189	232	275	
4	3130	.326	167	215	264	313	
4 1/4	1917	.368	188	243	299	354	
4 1/2	1710	.413	211	273	335	397	

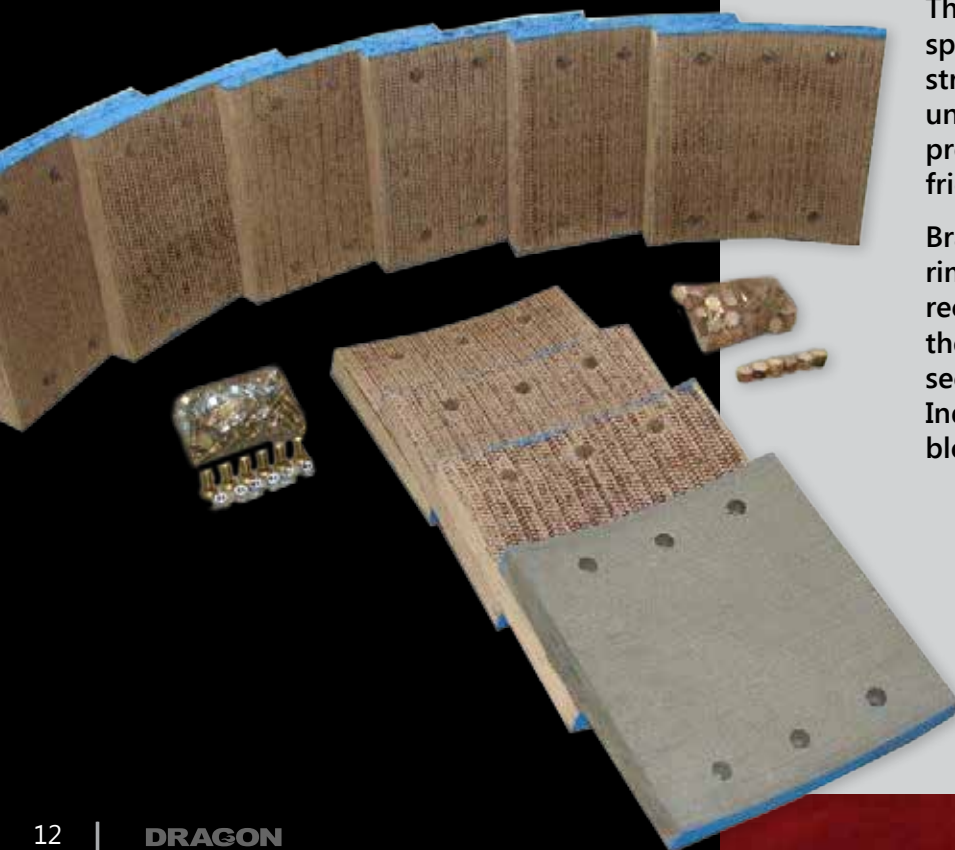
Also available:  
**360 Triplex Mud Pump**

# We are strong in Well Servicing & Drilling Drawworks Brake Blocks

Indutex SA, a Peruvian Company founded in 1980, is a major manufacturer of industrial textiles and friction materials and is a member of the FRENOSA group, one of the largest friction product makers in South America.

Their Oilfield Brake Block and Woven Brake Linings are manufactured in one piece with uniform surfaces and densities. Each are woven in Fletcher special looms under proper tension to insure a tightly woven and superior quality product. The woven blocks and linings are manufactured in asbestos, non-asbestos or natural fibers.

To maximize resistance and conductivity the brake blocks are woven with yarns strengthened by brass or copper wires which allows high temperatures at friction points to dissipate. These metallic inserts can be incorporated throughout the block thickness or only in the backing, leaving the friction surface free of them.



## Brake Block Technical Specifications

Available sizes: Width 1" - 13"

Thickness 3/16" - 1 1/2"

PHYSICAL PROPERTIES	ASBESTOS	NON-ASBESTOS
SPEC GRAVITY (gr x cc)	1.4	1.25
APPARENT DENSITY (lb/in <sup>3</sup> )	0.05	0.044
HARDNESS, GROGAN	21-24	20-23
COMPRESS, psi x 5% deflect	600-900	550-850

COEFFICIENT OF FRICTION	ASBESTOS	NON-ASBESTOS
NORMAL	.42	.51
HOT	.39	.34
WEAR RATE (in <sup>3</sup> /HP-hr)	.008	.008
FRICTION CODE	FF	FE
MAX UNIT PRESSURE PSI	250	250
TEMPERATURE DEGREES F		
MAX (INTERMITTENT)	650° F	600° F
MAX (CONTINUOUS)	500° F	550° F
MAX RUBBING SPEED	5000 f x m	5000 f x m

The woven textiles are impregnated with special saturates and treated in ovens under strict controls to achieve a complete and uniform curing of the impregnate. The curing process creates a continuous and stable friction coefficient in extreme temperatures.

Brake blocks are arced to the correct rim diameter, easy to install, and are recommended for the deepest digging under the most severe conditions. Engineered for security, friction capacity and longer life - Indutex manufactures some of the best brake block on the market today.

# Cooper

## Drawworks System

**Our long term maintenance and upkeep is one of the most economical in the industry.**

The draw works consists of a right angle drive gear box, draw works frame and shield, main drum and brake system, sand drum and brake system (if equipped), crown saver, etc. All draw works clutches are placed outboard for easy clutch maintenance. The brake rims of main drum and sand drum are one-piece forged by alloy steel with proper hardness, anti-wear, and heat-resistant performance. All rotating components at deck level are covered with heavy-duty protective guards that include access panels for necessary maintenance.

### Drawworks Frame Features:

**Utilization of square/rectangular tubing for the base of the frame.**

**One piece drawworks side plates.**

- Increases the rigidity and strength of the drawworks.
- Creates better seal area for chain guards.
- Allows for removal of each drum independently without having to remove upper side walls as on a conventional Cooper.

**Centralized lubrication point located on each side of the drawworks frame.**

- Allows for application of grease to all bearings and brake system components from the outside.

**All guards use the same diameter bolts.**

- Allows removal of every guard on the drawworks with a 3/4" wrench or socket.

Clutches are mounted outside the drawworks walls for easier maintenance.

### Right Angle Drive Gearbox:

The right angle drive gear box mainly consists of input shaft, output shaft, ring and pinion spiral taper gears, output, bearing seat, box body, support, flange, sprocket and various bearings. The input and output shafts are machined from premium alloy steel. Double row tapered roller bearings and single row radial cylindrical bearings are used for high strength and good performance. It is designed with group seals and oil bath splash lubrication to ensure sealing performance and reliable lubrication. The sprocket teeth are flame hardened and quenched to provide long lasting and reliable performance.



### Right Angle Drive Features:

**Integrated torque tube.**

- Creates a stronger assembly with better torque transfer than a conventional Cooper chain coupling.

### Main Drum and Sand Drum (if equipped):

The main drum assembly is complete with split grooving and double fast line provisions (if requested). Both the main drum and sand drum shafts are machined from premium alloy steel for strength and durability. The main drum and sand drum brake systems are a mechanical band brake configuration. After finish machining and assembly, the main drum is dynamically balanced and the sand drum (if equipped) is static balanced to ensure smooth operation.

### Brake System Features:

**Brake rollers are used to roll the band in place for engagement and disengagement of brakes.**

- Makes for smoother brake action and easier adjustment.
- Easier removal of brake bands.

## Cooper 250 HP

### Double Drum Model

#### Main Drum

Brake rim diameter x width . . . . . 38" dia x 10" wide

Barrel diameter x width . . . . . 16" dia x 38" wide  
(excluding lebus)

Model, clutch . . . . . WPT PO-224  
(two plate clutch)

Grooving . . . . . 7/8" or 1"

#### SANDLINE DRUM

Brake rim diameter x width . . . . . 38" dia x 8" wide

Barrel diameter x width . . . . . 12 3/4" dia x 43" wide

Model, clutch . . . . . WPT PO-124  
(single plate clutch)

Sand drum capacity . . . . . 14,000' of 9/16" cable

Brake Rim Cooling . . . . . Splash

Assist brake . . . . . Air cooled disc brake

Brake caliper model . . . . . Kobelt 5026

Brake rotor measurements . . . . . 40" dia x 7" braking  
surface x 4" thick



## Cooper 400 HP

### Double and Single Drum Models Available

#### Main Drum

Brake rim diameter x width . . . . . 42" dia x 10" wide

Barrel diameter x width . . . . . 16" dia x 38" wide  
(excluding lebus)

Model, clutch . . . . . WPT PO-224  
(two plate clutch)

Grooving . . . . . 1"

#### SANDLINE DRUM

Brake rim diameter x width . . . . . 42" dia x 8" wide

Barrel diameter x width . . . . . 16" dia x 43" wide

Model, clutch . . . . . WPT PO-124  
(single plate clutch)

Sand drum capacity . . . . . 16,000' of 9/16" cable

Brake Rim Cooling . . . . . Splash

Assist brake . . . . . Air cooled disc brake

Brake caliper model . . . . . Kobelt 5026

Brake rotor measurements . . . . . 40" dia x 7" braking  
surface x 4" thick

## Cooper 550 HP

### Double and Single Drum Models Available

#### Main Drum

Brake rim diameter x width . . . . . 42" dia x 12" wide

Barrel diameter x width . . . . . 16" dia x 38" wide  
[excluding lebus] or  
18" dia x 38" wide  
[excluding lebus]

Model, clutch . . . . . WPT PO-324  
(three plate clutch)

Grooving . . . . . 1"

#### SANDLINE DRUM

Brake rim diameter x width . . . . . 42" dia x 8" wide

Barrel diameter x width . . . . . 16" dia x 43" wide

Model, clutch . . . . . WPT PO-224  
(two plate clutch)

Sand drum capacity . . . . . 16,000' of 9/16" cable

Brake Rim Cooling . . . . . Splash

Assist brake—Option A . . . . . Air cooled disc brake

Brake caliper model . . . . . Kobelt 5028

Brake rotor measurements . . . . . 48" dia x 10" braking  
surface x 4" thick

Assist brake—Option B . . . . . Hydromatic

Model . . . . . Parmac 202

Clutch . . . . . WPT PO-224  
(two plate clutch)

Assist brake—Option C . . . . . Shaft Mounted Water  
Cooled Brake

Model . . . . . WPT 224 (two plate)

## Cooper 600 HP

### Double and Single Drum Models Available

#### Main Drum

Brake rim diameter x width . . . . . 42" dia x 12" wide

Barrel diameter x width . . . . . 18" dia x 38" wide  
(excluding lebus)

Model, clutch . . . . . WPT PO-324  
(three plate clutch)

Grooving . . . . . 1" or 1 1/8"

#### SANDLINE DRUM

Brake rim diameter x width . . . . . 42" dia x 8" wide

Barrel diameter x width . . . . . 16" dia x 43" wide

Model, clutch . . . . . WPT PO-224  
(two plate clutch)

Sand drum capacity . . . . . 16,000' of 9/16" cable

Brake Rim Cooling . . . . . Splash or Water  
Circulating

Assist brake—Option A . . . . . Hydromatic

Model . . . . . Parmac 202

Clutch . . . . . WPT PO-224  
(two plate clutch)

Assist brake—Option B . . . . . Shaft Mounted Water  
Cooled Brake

Model . . . . . WPT 224 (two plate)

## Cooper 750 HP

### Single Drum Model

#### Main Drum

Brake rim diameter x width . . . . . 46" dia x 10" wide

Barrel diameter x width . . . . . 20" dia x 41" wide  
(excluding lebus)

Model, clutch . . . . . WPT PO-330  
(three plate clutch)

Grooving . . . . . 1 1/8"

Brake Rim Cooling . . . . . Water Circulating

Assist brake . . . . . Shaft Mounted Water  
Cooled Brake

Model . . . . . WPT 324 (three plate)

## Cooper 1000 HP

### Single Drum Model Available

#### Main Drum

Brake rim diameter x width . . . . . 46" dia x 12" wide

Barrel diameter x width . . . . . 20" dia x 41" wide  
(excluding lebus)

Model, clutch . . . . . WPT PO-330  
(three plate clutch)

Grooving . . . . . 1 1/8"

Brake Rim Cooling . . . . . Water Circulating

Assist brake . . . . . Shaft Mounted Water  
Cooled Brake

Model . . . . . WPT 324 (three plate)

# Dragon Mast

## 71-150-4-T MAST

Certification: API 4F, 3rd Edition

Clear height: 71'

Maximum static load:

150,000 lbs on 4-lines

## 96-205-6-T MAST

Certification: PI 4F, 3rd Edition

Clear height: 96'

Maximum static load:

205,000 lbs on 6-lines

180,000 lbs on 4-lines

## 104-250-8-T MAST

Certification: API 4F, 3rd Edition

Clear height: 104'

Maximum static load:

250,000 lbs on 8-lines

225,000 lbs on 6-lines

## 112-265-8-T MAST

Certification: API 4F, 3rd Edition

Clear height: 112'

Maximum static load:

265,000 lbs on 8-lines

240,000 lbs on 6-lines

## 112-300-8-T MAST

Certification: API 4F, 3rd Edition

Clear height: 112'

Maximum static load:

300,000 lbs on 8-lines

275,000 lbs on 6-lines

## 116-250-8-T MAST

Certification: API 4F, 3rd Edition

Clear height: 116'

Maximum hook load:

250,000 lbs on 8-lines

225,000 lbs on 6-lines

## 121-300-8-T MAST

Certification: API 4F, 3rd Edition

Clear height: 121'

Maximum hook load:

300,000 lbs on 8-lines

275,000 lbs on 6-lines

# Rig Mats

- 6" x 6" horizontally placed treated wood cross members
- Oak cross members
- Size up to 12' wide and 60' long
- Additional reinforced lifting slots
- Boxed sides
- Additional surface treatment
- End cap ramps
- Additional longitudinal beams



**For more information or to order:**

1203 Industrial Park Drive  
Victoria, TX 77905  
Phone 361-576-0682

960 S. Pagewood  
Odessa, Texas 79761  
Phone : 432-332-8426

USA Toll-free: 1-800-231-8198

