



 Tuscany

# ¿Quiénes somos?

Tuscany es una compañía de capital privado, respaldada por un grupo de inversionistas especializados en desarrollo de negocios con base en los Estados Unidos, que confiando en el capital humano y los recursos disponibles, hicieron una gran apuesta para contribuir con el desarrollo de la industria en América Latina.

Actualmente contamos con 19 taladros de perforación en Colombia y Ecuador, operados por personal completamente idóneo bajo la dirección de un grupo gerencial de amplia experiencia en la industria alrededor del mundo.



**Taladros**

**COLOMBIA**  
**ECUADOR**

## Nuestros principios

Nuestras políticas empresariales reflejan el compromiso de TUSCANY por alcanzar los más altos estándares laborales, las mejores prácticas empresariales y óptimos niveles de calidad, mediante la protección de los derechos de las personas, del medio ambiente y el cumplimiento de las legislaciones y regulaciones que nos aplican. Razón por la que nuestras actividades se desarrollan bajo los siguientes principios:

• **Integridad**  
• **Responsabilidad**

• **Transparencia**  
• **Honestidad**

• **Aprendizaje**  
• **Desempeño**

• **Trabajo en equipo**





# Nuestra Compañía

Tuscany es una compañía dedicada a la prestación de servicios de perforación, workover y completamiento de pozos para la industria del petróleo y gas natural, con su casa matriz ubicada en Bogotá, Colombia.



# Misión

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Somos una compañía comprometida en entregar los valores más altos a nuestros grupos de interés mediante el mejoramiento continuo, así como el logro de operaciones y servicios excelentes a través de todas las áreas de nuestro negocio:



## **A NUESTROS CLIENTES:**

Nos esforzamos por ofrecer presupuestos competitivos y cumplimiento de las expectativas de desempeño mediante personal competente, equipos de alta calidad y uso eficiente y efectivo de la tecnología de perforación disponible.



## **A NUESTROS EMPLEADOS:**

Contratamos el personal mejor calificado, pagamos salarios competitivos y apoyamos el desarrollo pleno de su potencial de crecimiento dentro de la Compañía. Trabajamos para ganar su confianza y así mismo, reconocemos y recompensamos su lealtad, honestidad, integridad, conciencia en seguridad y habilidad para contribuir con la satisfacción de nuestros clientes y accionistas.



## **A NUESTROS ACCIONISTAS:**

Nos esforzamos permanentemente en ejercitar el sentido común en todas nuestras decisiones de inversión, enfocados en maximizar el flujo de caja libre en el largo plazo, a través de, la ejecución de nuestros planes de negocios y capital, incrementando las ganancias y el crecimiento, así como, optimizando el uso de los activos y operando eficientemente.



# Visión

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ser reconocida internacionalmente como una empresa líder en la prestación de servicios de perforación, destacada por su capacidad de gestión, su desempeño operacional y altos estándares de HSEQ, comprometida con el medio ambiente y la Responsabilidad Social Empresarial, desarrollando y aplicando tecnologías e ideas innovadoras, generando confianza y credibilidad en nuestros grupos de interés.



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# Equipos de perforación y re-accionamiento de pozos

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Manufactured

• By Hong Hua USA

• Year 2018

# RIG 202

## 2000HP Cyber Drilling Rig

Horizontal Drilling, High Volume Hydraulics, High Pressure & High Torque

### Rated Drilling Depth

• 23,000 ft. using 5", or 18,300 ft using 5-7/8" or 5-1/2" drill pipe

### Mast

• Hong Hua, K Type 152 ft x 1'000,000 lbs Static Hook Load Capacity with 12 lines, raised with 2 raising lines 2-7/8" x 157 ft  
• Intermediate Belly-board for racking casing or tubing

### Sub Structure

• Hong Hua Slingshot type 34 ft nominal rig floor height, clearance height 30 ft  
• Rotary Table Load 1,000,000 lbs  
• Seat back Load 600,000 lbs  
• Max combines 1,600,000 lbs

### Drawworks

• Hong Hua, JC70DB  
• Max. Input Power 2600HP w/ 2ea traction motor 1300 HP  
• Drilling line 1-1/2 in with fast line capacity 110,000 lbs  
• Auxiliary drive unit hoist max weight 554,000 lbs

### Rotary Equipment

• Top drive: Hong Hua Model DQ500Z - 500 Tons, 51,630 ft. lbs. continuous torque, 7500 PSI working pressure; Driven by AC traction motor HH 940 HP; Maximum Speed rating 220 rpm; Working torque 51.630 ft-lb; Maximum B/O Torque 77,400 ft-lb; Drill Pipe Range 3 1/2" to 8-1/2" - Upper & Lower IBOP 6-5/8" Reg Box x Reg Box Independent VFD House  
• Rotary table: HH 37 1/2", independent electric Drive 800hp motor, Max 23,868 ft/lbs. capacity 1,000,000 lbs 300 RPM/Min with Invertin Brake

### Integrated Drillers Control Chair (Driller's Cabin)

• Hong Hua Driller operation and control system, a touch screen and DW joysticks on the left, and the other touch screen and disc brake handle on the right; can operate and control the rotary table; drawworks, and mud pump, can detect to traveling block position for block and drill floor protection digital display parameters on touch screen weight of string, weight on bit, standpipe pressure, mud flow out, pump stroke (including accumulated value), rotary table torque rotary table speed, hook speed, bit feed speed, makeup and breakout torques and catheads, traveling block height, etc

### Power & Power Distribution System

• VFD-ABB Variable Frequency Drive with Schneider controls and Siemens PLC  
• Four (4) Cat 3512C, 1476 HP Tier 2  
• Four (4) Kato Generators (1365 KW)

### Mud Pumps, Mud Handling & Solids Control

**Mud Pumps**  
• Three (3) Hong Hua HH1600 HL, 1600 HP with 7500psi fluid-end modules

### Mud System

• 2,000 bbl Capacity mud system curved bottom Tanks

### Solids Control

• Four (4) Shale Shakers MI Swaco Mongoose Pro, 650 gpm  
• One (1) 3-in-1 Mud Cleaner, MI Swaco Mongoose Pro, 3 X 12" Desander cones and 20 X 4" Desilter Cones  
• One (1) Swaco Compact D-Degasser

### Blowout Prevention (BOP) System:

• One (1) 13-5/8" x 5M & Bottom flange 10M HSRB Annular Preventer  
• One (1) 13-5/8" x 10M HRSB Double Type U Ram Preventer  
• One (1) 13-5/8" x 10M HRSB Single Type U Ram Preventer  
• One (1) drilling spool 13-5/8" 10K with 4-1/16 outlets

### Walking System

• Step by Step type, max. distance per step 300mm, speed 5mts/hour, moving 8 directions X, Y and 45° direction, Rig walking with 292 tons (584,000 lbs) drill string – 50 meters extension with high pressure lines rated to 7500psi working pressure

### Hydraulic Roughneck

• Bauer PT 100/800 Pipe Range (tool joint OD) 4" to 9-1/2"; Spin Speed 80 to 120 rpm Max. Make-up Torque 87,770 ft-lbs; Max. Break-out Torque 118,000 ft-lbs

### Automatic Catwalk

• Weatherford – PULDM – Hydraulic Pick Up and Lay Down Machine – Max. Load 8000lb – Max. Diameter Csg 20"





## Manufactured

- By Branham (Rebuilt by Odreco 2011)
- Year 2011

# RIG 14

## 2000HP



### Rated Drilling Depth

- 18,000ft. using 5-1/2" DP

### Mast

- Branham, Cantilever 153 ft, 1,250,000 lbs with 14 Lines

### Sub Structure

- Branham Rebuilt by Oderco, 28 ft Nominal Floor Height
- Rotary capacity: 1,000,000 lbs
- Set back capacity: 800,000 lbs

### Drawworks

- National Oilwell E-2000 upgraded to 2500 hp in 2011
- Drilling line: 1½ in

### Rotary Equipment

- canrig 1275 ac – 681 750 ton 1400 hp Hp, 51.440 lb-ft continuous Dilling
- Rotay table Deco 37½" - GE-752 Taction Moto

### Power & Power Distribution System:

- Four (4) Engines CAT 3512C, 1476 HP
- Four (4) Kato Generators 1375 KW
- Legacy - 5 x 5 bay SCR House

### Mud Pumps, Mud Handling & Solids Control

#### Mud Pumps

- Thee (3) honghua, 1600 HP, 7500psi
- Driven by Two Traction motors 1000 HP each one

#### Mud System

- 2.000 bbl Capacity

#### Solids Control

- four(4)shale shakers derrick Model 626 with Scalper
- One (1) Mud Cleaner 3x1
- Derrick DP 626 shaker w/ 2x10" Desander and 16x4" Desilter
- One (1) Derrick Vacuum Degasser, Flow 1200 gpm

### Blowout Prevention (BOP) System

- One (1) 13 5/8" x 5,000 psi HRSB Annular Preventer
- One (1) 13 5/8" x 10,000 psi HRSB Double Ram Preventer
- One (1) 13 5/8" x 10,000 psi HRSB Single Ram Preventer

### Automatic Catwalk

- Weatherford - PICK UP AND LAY DOWN MACHINE / MEDIUM

### Iron Roughneck

- Canrig TM 120, 90.000 ft-lb Make Up torque, Tool connection range 27/8 to 11 in

# RIG 1

## 2000HP

### Manufactured

- By Cooper (Oderco Inc) – Refurbished
- Year 2003 (Refurbished 2015)

### Rated Drilling Depth

- 18,000 Ft & 16500 ft DP 5 ½" M&olids Control

### Mast

- Cooper (Oderco), 152 ft, 1,000,000 lbs Static Hook Load Capacity with 12 Lines

### Sub Structure

- Cooper Industries (Oderco Refurbishment 2015)
- Set Back – 600,000 lbs
- Max Simultaneous Load 1,600,000 lbs

### Drawworks

- Hong Hua, ZJ70D
- Powered by Two (2) HHE DC Drive Motors @1080 HP each
- Drilling line: 1-3/8 in

### Rotary Equipment

- Top drive: Canrig 1250AC-712, 500Ton
- Rotary table: Dreco 37½"

### Power & Power Distribution System

- Four (4) Engines CAT 3512C, 1476 HP
- Four (4) Kato Generators 1375 KW
- Hong Hua 4x5 bay SCR House

### Mud Pumps, Mud Handling & Solids Control

- Three (3) Gardner Denver PZ11L 600HL, 1600HP, 75

### Mud System

- 2,400 bbl Capacity

### Solids Control

- Three (3) Shale Shakers Derrick, Model Hyperpool
- One (1) Three in One Derrick Hyperpool shaker w/ 2x10" Desander & 20x4" Desilter
- One (1) MI-SWACO 1200 gpm Vacuum Degasser

### Blowout Prevention (BOP) System

- One (1) 13 5/8" x 5,000 psi HRSB Annular Preventer
- One (1) 13 5/8" x 10,000 psi HRSB Double Ram Preventer
- One (1) 13 5/8" x 10,000 psi HRSB Single Ram Preventer

### Automatic Catwalk

- Weatherford - PICK UP AND LAY DOWN MACHINE / MEDIUM

### Iron Roughneck

- NOV- ST-80C, 60,000 ft-lb Make p torque, Tool connection range 2 7/8 to 8 1/2 in





# RIG 109

## 2000HP

### Manufactured

- By Drilling Structure International (DSI)
- Year 2010

### Rated Drilling Depth

- 18,000 ft. using 5" Drill Pipe

### Mast

- DSI Cantilever type
- 147 ft
- 1,000,000 lbs, Static Hook Load Capacity with 12 Lines

### Sub Structure

- DSI x 31,22 ft Nominal Floor Height w/ Skidding System
- Rotary capacity: 1,000,000 lbs
- Set back capacity: 800,000 lbs

### Drawworks

- National Oilwell 1320-UE. (2000 HP)
- Powered by Two (2) GE752DC Drive Motors @1000 HP each
- Drilling line: 1-3/8"

### Rotary Equipment Top Drive

- Top Drive Canrig 1275-AC 712, 750 Tons, 1200 Hp, 51.440 lb-ft continuous Drilling
- Rotary table American Block 37½ in, GE-752 Traction Motor

### Power & Power Distribution System

- Four (4) Engines CAT 3512C, 1476 HP
- Four (4) Cat generators, 1225 Kw
- IEC - 4 x 4 bay SCR House

### Mud Pumps, Mud Handling & Solids Control

#### Mud Pumps

- Three (3) Hong Hua HHF1600HL, 1600HP, 5000 psi

#### Mud System

- 1.500 bbl Capacity

#### Solid Control

- Three (3) Shale Shakers Derrick, Model Hyperpool
- One (1) Three in One Derrick Hyperpool shaker w/ 3x10" Desander & 20x4" Desilter
- One (1) Degasser Derrick Vacuum - Flow 1200 gpm

### Blowout Prevention (BOP) System

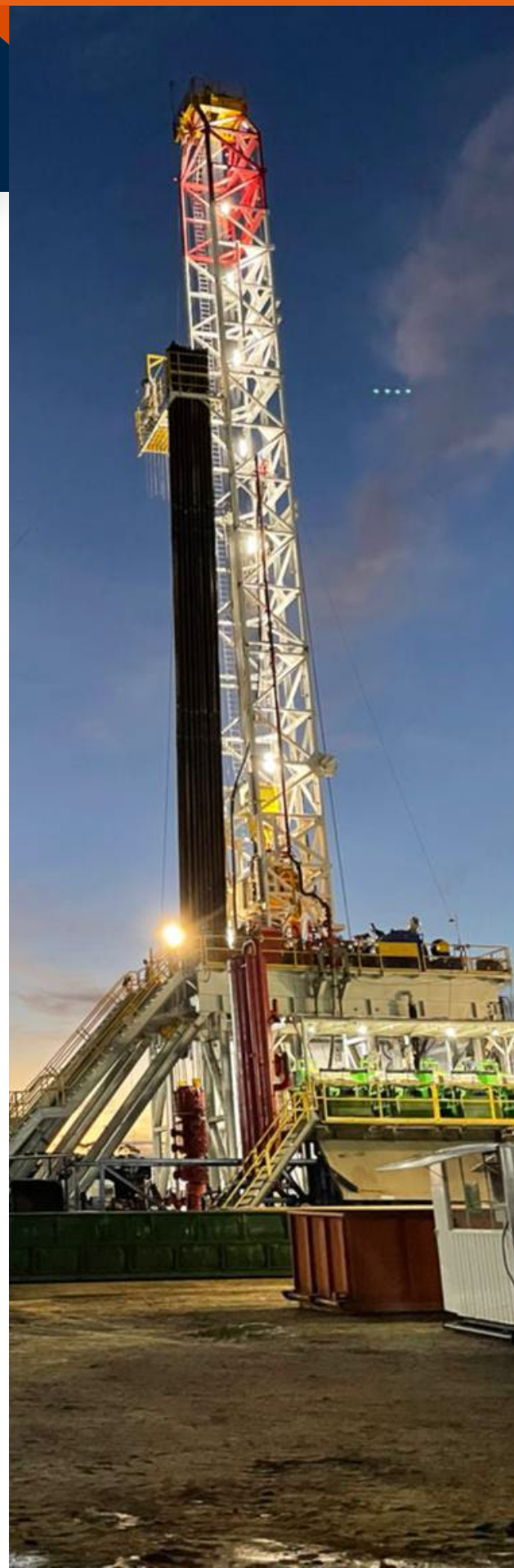
- One (1) 13 5/8" x 5,000 psi HRSB Annular Preventer
- One (1) 13 5/8" x 10,000 psi HRSB Double Ram Preventer
- One (1) 13 5/8" x 10,000 psi HRSB Single Ram Preventer

### Automatic Catwalk

- Weatherford - Pick Up and Lay Down Machine / Medium

### Iron Roughneck

- Bloom + Voss GF-1100, 65.000 ft-lb M/U torque, Tool connection range 2-7/8" to 8-1/2"





## Manufactured

- By Drilling Structure International
- Year 2011

# RIG 119

## 2000 HP



### Rated Drilling Depth

- 16,000ft. using 5 in. drill pipe or 18,000ft. using 3-1/2 in. drill pipe

### Mast

- DSI, Drilling Structure Industries, cantilever type, 147ft mast x 1,000,000lbs with 12 Lines

### Sub Structure

- DSI Drilling Structure Industries x 32ft Floor Height w/ Skidding System
- Rotary capacity: 1,000,000lbs
- Set back capacity: 800,000lbs

### Drawworks

- National Oilwell 1320UE.
- Drilling line: 1-1/2"

### Top Drive

- Canrig 8050-AC 800HP x 37,400 ft/lbs @ 112 RPM continuous

### Rotary Table

- American Block 37½ in

### Power & Power Distribution System

- Four (4) Cat 3512 C engines, 1476hp ea
- Four (4) Cat generators, 1225 Kw ea
- Ross Hill 4 X 4 SCR

### Mud Pumps, Mud Handling & Solids Control Mud Pumps

- Two (2) National 12 P-160 + One (1) Gardner Denver PZ -11 1600 hp ea

### Mud System

- 1.500bbl Capacity

### Solid Control

- Four (4) Shale Shakers Derrick Model FLC 503.
- One (1) Mud Cleaner 3x1 Derrick FLC 503 w/ 3x10" Desander & Desilter 20 x 4" cones
- One (1) Degasser MI-Swacco Vacuum - Flow 1200gpm

### Blowout Prevention (BOP) System

- One (1) Annular preventer 13-5/8" 5000psi
- One (1) 13-5/8" 10,000 psi double ram preventer
- One (1) 13-5/8" 10,000psi single ram preventer

### Iron Roughneck

- ST-80

**Manufactured**

- By Guanghan Yong Hong - FPI Limited
- Year 2008. Upgraded 2015



# RIG 117

## 2000HP

### Rated Drilling Depth

- 12,700ft. using 5-1/2 in. drill pipe

### Mast

- Guanghan Yong Hong, 150ft mast x 1,000,000 lbs with 12 Lines

### Sub Structure

- Guanghan Yong Hong x 29.5ft Floor Height
- Rotary capacity: 1,000,000lbs Set back capacity: 488,000lbs

### Drawworks

- Guanghan Yong Hong FPI Limited - Tornado F-20 EH, 2000 HP
- Drilling line: 1½ in

### Top Drive

- Canrig 1050E-712 1000HP x 47,400 lb/ft Intermittent Drilling

### Rotary table

- Gaoyou Huaxing Petroleum / ZP275, 27-1/2" opening

### Power & Power Distribution System

- Four (4) Cat 3512 C-HD engines, 1750hp ea
- Four (4) Cat SR4B Generators, 1225 kW ea
- IEC System - 4 x 9 SCR bays House

### Mud Pumps, Mud Handling & Solids Control

#### Mud Pumps

- Two (2) Hong Hua HHF-1600 and One (1) Mud King F-1600 Triplex Pumps

#### Mud System

- 1.500bbl Capacity

#### Solid Control

- Three (3) Shale Shakers Derrick Model Hyperpool
- One (1) Mud Cleaner 3x1 Derrick Hyperpool Desander and 16x5" Desilter
- One (1) Zhongcheng Equipment Vacuum - Flow 1585 gpm Degasser.
- One (1) Poor Boy Degasser

### Blowout Prevention (BOP) System

- One (1) Annular preventers: HRSB 13-5/8" X 5.000 psi
- One (1) HRSB, Type U 13-5/8" X 10.000psi double ram preventer
- One (1) HRSB, Type U 13-5/8" X 10.000 psi single ram preventer

### Iron roughneck

- NOV ST-80



Manufactured

• By Hong Hua USA

• Year 2014

# RIG 201

## 1500HP, VFD Bolt- Cyber Drilling Rig



### Rated Drilling Depth

- 18,000ft. using 5 in. drill pipe

### Mast

- Hong Hua
- 142 ft
- 760,000 lbs Static Hook Load Capacity with 12 lines

### Sub Structure

- Hong Hua 30 ft Nominal Height, 25.5 ft Clear Height, raised with 2 hydraulic cylinders
- Max Simultaneous Load 1,150,000 lbs

### Drawworks

- Hong Hua, JC50DB with Direct Drive A.C. Motor + Dynamic Brake
- Max. Input Power 1850 HP
- Drilling line: 1-1/4 in

### Rotary Equipment

- Top drive Honghua Model DQ500Z - 500 Tons, Driven by AC Direct Drive traction motor HH 940. Continuous torque rating 51.600 fr-lb @ 120 rpm, intermittent torque 77.440 ft-lbs; Maximum Speed rating 220 rpm; Maximum B/O Torque 77.400 ft-lb; Drill Pipe Range 3 1/2" to 8-1/2" - Upper & Lower IBOP 6-5/8" Reg box X Box - Independent VFD House Rotary table HH 37 1/2", hydraulically Driven by a single M550 Hydraulic Motor

### Integrated Drillers Control Chair (Driller's Cabin)

- Hong Hua Driller operation and control system, a touch screen and joysticks to operate rotary table; drawworks, and mud pump, to operate twin stop protection available. Digitally displayed parameters on touch screen include weight of string, weight on bit, standpipe pressure, mud flow out, pump stroke (including accumulated value), rotary table torque rotary table speed, hook speed, bit feed speed, makeup and breakout torques and catheads, traveling block height, etc

### Power & Power Distribution System

- Siemens Variable Frequency Drive with Siemens PLC
- Four (4) Cat 3512, 1476 HP
- Four (4) Generators (1100 KW)
- One (1) Auxiliary Generator with C15 Cat Engine and 320 KW Generator

### Mud Pumps, Mud Handling & Solids Control

#### Mud Pumps

- Three (3) Honghua 1600HP, 7500psi, with Direct Drive AC Motor 1600HP

#### Mud System

- 1.580 bbl Capacity with 15HP agitators and 3" Low Pressure Mud Guns

#### Solids Control

- Three (3) Shale Shakers Derrick Hyperpool
- One (1) Mud Cleaner with Derrick Hyperpool shaker 3 X 10" Desander cones and 20 X 4" Desilter Cones
- One (1) Derrick Vacuum Type Degasser Vacu-Flo 1200

### Blowout Prevention (BOP) System

- One (1) 13-5/8" x 5M & Bottom flange 10M HSRB Annular
- One (1) 13-5/8" x 10M HRSB Double Type U Ram
- One (1) 13-5/8" x 10M HRSB Single Type Ram
- One (1) drilling spool 13-5/8" 10K w/ 4-1/16 outlets

### Walking System

- Step by Step type, max. distance per step 1 Ft, speed 16 ft/ hour, moving 8 directions X, Y and 45° direction, Rig walking with 292 tons (584.000 lbs) drill string - 50 meters extension with high pressure lines rated to 7500psi working pressure

### Hydraulic Roughneck

- Blohm & Voss FH 100 Pipe Range (tool joint OD) 4" to 9-1/2"; Make-up Torque 80.000 ft-lbs; Max. Break-out Torque 100.000 ft-lbs
- Power Slips Model Blohm & Voss PS 500 - 500 Ton Pipe Size 2 3/8"-14"

### Automatic Catwalk:

- Weatherford - PULD - Hydraulic Pick Up and Lay Down Machine - Max. Load 8000lb - Max. Diameter Csg 20"

# RIG 12

## 1500HP

### Manufactured

- By Dreco INC
- Year 1981 (Refurbishment 2016)

### Rated Drilling Depth

- 14,000ft. using 5-7/8" DP

### Mast

- Dreco Inc Cantilever 142 ft, 770,000 lbs Static Hook Load with 12 Lines

### Substructure

- Dreco Sling Shot x 30 ft Nominal Floor Height
- Rotary capacity: 770,000 lbs
- Set back capacity: 450,000 lbs

### Drawworks

- National Oilwell 110 UE (1500hp)
- Drilling line: 1-3/8" in

### Rotary Equipment

- Top Drive Canrig 8050AC-712, 500 Ton, 800 hp, 37,000 lb-ft continues torque
- Rotary table National 27-1/2" - GE-752 Traction Motor Independent Drive

### Power & Power Distribution System

- Four (4) Engines CAT 3512C, 1476 HP
- Four (4) Kato generators, 1225 kW
- Ross Hill SCR 4X4 Bay

### Mud Pumps, Mud Handling & Solids Control

#### Mud Pumps

- Three (3) GD PZ-11, 1600 HP, 5000 psi, Driven by 2 GE-752 Traction Motors each one

#### Mud System

- 2000 bbl Capacity

#### Solids Control

- Three (3) Shale shakers Derrick, Model FLC-503
- One (1) Mud Cleaner 3x1 Derrick FLC-503 shaker w/ 2x10" Desander & 26x4" Desilter
- One (1) Derrick Vacuum Degasser, Flow 1200 gpm

### Blowout Prevention (BOP) System

- One (1) 13 5/8" x 5,000 psi HRSB Annular Preventer
- One (1) 13 5/8" x 10,000 psi HRSB Double Ram Preventer
- One (1) 13 5/8" x 10,000 psi HRSB Single Ram Preventer

### Automatic Catwalk

- Weatherford - PICK UP AND LAY DOWN MACHINE / MEDIUM

### Iron Roughneck

- Canrig TM 120, 90,000 ft-lb Make Up torque, Tool connection range 2 to 11 in



# RIG 15

## 1500HP

### Rated Drilling Depth

- 12,000ft. using 5 in. DP

### Mast

- Drilling Structure International (DSI)
- 142 ft Height
- 700,000 lbs Static Hook Load Capacity with 12 lines

### Sub Structure

- Drilling Structure International (DSI), 28 ft Nominal Floor Height
- Setback Capacity 400,000 lbs
- Static Rotary Capacity 700,000 lbs

### Drawworks

- Davis D 1500E (1500 HP)
- Powered by Two (2) GE752DC Drive Motors @1000 HP each
- Drilling line: 1¼ in

### Rotary Equipment

- Top Drive Canrig 8050AC-712, 500 Ton, 800 hp, 37,000 lb-ft continues torque
- Rotary table National 27-1/2", Driven by GE-752 Traction Motor

### Power & Power Distribution System

- Four (4) Engines CAT 3512C, 1476 HP
- Four (4) Kato generators, 1225 kW
- IEC SCR - 4 x 4 bay SCR House

### Mud Pumps, Mud Handling & Solids Control

#### Mud Pumps

- Three (3) Bomco F-1600, Electrical 1600 HP Triplex Mud Pumps

#### Mud System

- 1.500bbbls Capacity

#### Solids Control

- Four (3) Shale shakers Derrick – FLC 503
- One (1) Mud Cleaner 3x1 Derrick FLC-503 shaker w/ 3x12" Desander & 16x4" Desilter
- One (1) Derrick Vacuum-Flow 1200 Degasser

### Blowout Prevention (BOP) System

- One (1) 13 5/8" x 5,000 psi HRSB Annular Preventer
- One (1) 13 5/8" x 10,000 psi HRSB Double Ram Preventer
- One (1) 13 5/8" x 10,000 psi HRSB Single Ram Preventer

### Automatic Catwalk

- Weatherford - PICK UP AND LAY DOWN MACHINE / MEDIUM

### Iron Roughneck

- Bloom + Voss GF-1100, 65,000 ft-lb M/U torque, Tool connection range 2-7/8" to 8-1/2"

### Manufactured

- Drilling Structure International (DSI)
- Year 2007





# RIG 118

## 1000HP

Manufactured

- By Loadcraft USA
- Year 2010

### Rated Drilling Depth

- 10,000ft. using 4-1/2" DP

### Mast

- Loadcraft Industries
- 114 ft, Telescoping Double
- 410,000 lbs Static Hook Load Capacity with 10 Lines

### Sub Structure

- Loadcraft Industries, 16 ft Nominal Floor Height
- Rotary Capacity 425,000 lbs
- Setback Capacity 250,000 lbs

### Drawworks

- Loadcraft LCI-1000
- LCI 1000 HP, Powered by Two (2) Cat C-15
- Drilling line 1-1/8"

### Rotary Equipment

- Top Drive Warrior 250H14HR, 250 Tons, 26,000 ft-lbs continues torque
- Rotary Table Hacker Industries 22" Diameter

### Power & Power

#### Distribution System

- Three (3) Cat 3508B 1000HP
- Three (3) Generator (950 KW)
- Ross Hill Model 4 bay SCR House

### Mud Pumps, Mud Handling & Solids Control

#### Mud Pump

- Two (2), GD PZ11, 1600HP

#### Triplex Mud Pumps

#### Mud System

- 1,000 bbl Capacity (option to increase to 1500 bbl)

#### Solid Control

- Two (2) Shale shakers Derrick, Model FLC-503
- One (1) 3 in 1 NOV King cobra shaker w/ 2x10" Desander & 8x4" Desilter
- One (1) Degasser Derrick Vacu - Flow 1200 gpm

### Blowout Prevention (BOP) System:

- One (1) 11" x 5,000 psi HRSB Annular Preventer
- One (1) 11" x 5,000 psi HRSB Double Ram Preventer

### Automatic Catwalk

- CARE INDUSTRIES

### Iron Roughneck

- Bloom + Voss GF-1100, 65,000 ft-lb M/U torque, Tool connection range 2-7/8" to 8-1/2"



# RIG 102

## 1000HP

### Manufactured

- By Loadcraft Industries USA
- Year 2009

### Rated Drilling Depth

- 12,000ft. using 4½" DP

### Mast

- Loadcraft Industries
- 114 ft Telescoping Double
- 410.000 lbs, Static Hook Load Capacity with 10 lines

### Sub Structure

- Loadcraft Industries, 17,5 ft Nominal Floor Height
- Rotary Capacity 410,000 lbs
- Set Back Capacity 250,000 lbs

### Drawworks

- OEM - Loadcraft Industries
- LCI (1000Hp) - Drilling line 1-1/8"
- Powered by Two (2) Cat C-15

### Rotary Equipment

- Top Drive Warrior 250H14HR, 250 Tons, 26,000 ft-lbs continues torque
- Rotary Table Hacker Industries 22" Diameter

### Power & Power

#### Distribution System

- Three (3) Engines Caterpillar 3508, 1000 HP
- Three (3) Kato Generators, 902 KW

### Mud Pumps, Mud Handling & Solids Control Mud Pumps

- Two (2) GD PZ-11 1600 HP, 5000 psi Driven by 2 GE-752 Traction Motors each one

### Mud System

- 1.000 bbl Capacity

### Solids Control

- Three (3) Brant / Mini Cobra Shale Shakers
- One (1) Brant 3 in 1 Shaker w/ 3x10" Desander & 16x2" Desilter
- One (1) NOV DG-10 T Vacuum Degasser, Flow 900gpm

### Blowout Prevention (BOP) System

- One (1) 11" x 5,000 psi HRSB Annular Preventer
- One (1) 11" x 5,000 psi HRSB Double Ram Preventer

### Iron Roughneck

- NOV TW-61, 63.000 ft-lb Make Up torque, Tool connection range 4" to 8-1/2"





## Manufactured

- By Care Industries Canada
- Year Manufactured (2010) Upgrade (December 2015)

# RIG 108

## 650HP

### Rated Drilling Depth

- 12.000 ft - 3 1/2" DP, 10.000 ft - 4 1/2" DP, 8.000 ft - 5" DP, 6.000 ft - 5 7/8" DP

### Mast

- Care Industries, Telescoping Double
- 116 ft
- 450.000 lbs Static Hook Load Capacity with 10 Lines

### Sub Structure

- Care Industries 21 ft nominal height and 16 ft clear height
- Rotary Capacity 450,000 lbs
- Setback Capacity 300,000 lbs

### Drawworks

- Care Industries 700DD-H (650HP)
- Powered by One (1) Detroit 60 Series 665 HP
- Drilling line 1-1/8"

### Rotary Equipment

- Top Drive: Warrior H-14 250 Tons, 26,000 ft-lbs continues torque

### Power & Power

#### Distribution System

- Two (2) Engines Caterpillar 3508
- Two (2) Generators
- Ross Hill 3x4 Bay SCR

### Mud Pumps, Mud

#### Handling & Solids Control

#### Mud Pumps

- Three (3) Maxum M800 Mud System

- 1200 bbls Capacity

#### Solid Control

- One (1) Derrick FLC 503 3 in 1 Shaker, 2x8" Cones Desander, 8x4" Cones Desilter
- One (1) Degasser Derrick, rated @ 900gpm

### Blowout Prevention (BOP) System

- One (1) HSRB Annular preventer 11" x 5.000psi
- One (1) HSRB Double U type ram 11" x 5.000psi





# RIG 111

## 650HP

**Manufactured**

- By Care Industries
- Year 2010

### **Rated Drilling Depth**

- 12.000 ft. using 3-1/2" n. drill pipe

### **Mast**

- Care Industries
- 116ft (35,4m) x 425.000lbs Telescoping Double

### **Sub Structure**

- Care Industries Telescoping @ 16ft 4,9" Rotary Cap 425,000 lbs & Set Back Capacity 300,000 lbs
- Max Combined Rated Static Rotary and rated setback capacity 725.000lbs

### **Drawworks**

- ALCO 700DD
- Powered by One (1) Detroit 6063-HV39.
- Drilling line 1-1/8"

### **Rotary Equipment**

- Top Rotary table: Hacker 17½" – 300 Tons

### **Power & Power Distribution System:**

- Two (2) Detroit Diesel engines, Model 60 Series
- Two (2) Onsite Energy Generators, 425Kw ea

### **Mud Pumps, Mud Handling & Solids Control**

#### **Mud Pumps**

- One (1) Gardner Denver PZ-7 Triplex

#### **Mud System**

- 900bbl Capacity

#### **Solid Control**

- One (1) Shale Shaker – NOV mIni Cobra

### **Blowout Prevention (BOP) System**

- One (1) HRSB Annular preventer 11" x 5.000psi
- One (1) HRSB , Double gate LWS 11" x 5.000psi



# RIG 105

## 650HP

Manufactured

- By Care Industries Canada
- Year 2009

### Rated Drilling Depth

- 12,000 ft. w/ 3 1/2" DP

### Mast

- Care Industries
- 116 ft. x 425,000lb. Max Rated Static Hook Load w/10 lines 1-1/8"

### Sub Structure

- Care Industries
- Telescoping @ 16ft 4,9" Rotary Cap 425,000 lbs & Set Back Capacity 300,000 lbs
- Max Combined Rated Static Rotary and rated setback capacity 725,000

### Drawworks

- Alco 700 DD
- 700HP Drawworks, ALCO 700DD with 1-1/8" drilling line drum
- Powered by one (1) Detroit diesel serie 60 Engine 665 HP

### Rotary Equipment

- Rotary table: Hacker International 17.5". Static capacity 425,000 lbs

### Power & Power Distribution System

- Two (2) Detroit Diesel Serie 60; 685 HP
- Two (2) MTU 425 KVA Generators

### Mud Pumps, Mud Handling & Solids Control

#### Mud Pumps

- One (1) Garder Denver PZ 7 Triplex 550 HP Powered
- One (1) 685HP Detroit Diesel 60 Series Diesel Engine

#### Mud System

- One (1) Shaker tank (320 bbls– 3 Compartment)
- One (1) Boot Tank – Test Tank – 500 bbls

#### Solid Control

- One (1) Derrick LC 503 RH

### Blowout Prevention (BOP) System:

- One (1) 11" x 5000 psi Annular
- One (1) 11" x 5000 psi Double Gate



## Manufactured

- By Care Industries Canada
- Year 2009

# RIG 104

## 550HP



### Rated Drilling Depth

- 10.0000 ft. using 4½in. drill pipe

### Mast

- Care Industries
- 112ft (34,1m) x 300.000lbs Telescoping Double

### Sub Structure

- Care Industries Telescoping @ 16ft 4,9" Rotary Cap 425,000 lbs & Set Back Capacity 300,000 lbs
- Max Combined Rated Static Rotary and rated setback capacity 725.000lbs

### Drawworks

- ALCO 500DD (550Hp)
- Powered by One (1) 665 HP Detroit diesel serie 60
- Drilling line 1-1/8"

### Rotary Equipment

- Continental Emsco / T1750; 17½" – 400K Lbs

### Power & Power Distribution System

- Two (2) Detroit Diesel engines, Model 60 Series
- Two (2) Marathon Generators,475Kw ea

### Mud Pumps, Mud Handling & Solids Control

#### Mud Pumps

- One (1) Gardner Denver PZ-7 Triplex 550hp

#### Mud System

- One (1) 320 bls – Three Compartment Shaker
- Two (2) Reserve Tank 500 bls – Rectangular
- One (1) Boot Tank 500bls

#### Solids Control

- One (1) Shale Shaker – Mi Swaco

### Blowout Prevention (BOP) System

- One (1) Annular preventer 11" x 5.000psi
- One (1) Double gate LWS 11" x 5.000psi



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# Rental equipments

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## Tubulars





## DRILL PIPE

### TUBERÍA DE PERFORACIÓN (DP)

- 5-7/8" DP OD x 5.153" ID - Tool Joint 7" OD - 4-1/4" ID - Connection WMT57 - 25.259 Lbs/ft
- 5-1/2" DP OD x 4.778 ID - Tool Joint 7" OD - 4" ID - Connection WMHT55 - 27.88 Lbs/ft
- 5" DP
- 4-1/2" DP
- 3-1/2" DP
- 2-7/8" DP
- 2-3/8" DP

## HEAVY WEIGHT DRILL PIPE

### TUBERÍA EXTRA PESADA (HWDP)

- 5-7/8" HWDP OD x 4.25 ID - Tool Joint OD 7" ID 4.25" - Connection WMT57 - 59.6 Lbs/ft
- 5-1/2" HWDP OD x 4" ID - Tool Joint OD 7" ID 4" - Connection WMHT55 - 48.9 Lbs/ft
- 5" HWDP
- 4-1/2" HWDP
- 4" HWDP
- 3-1/2" HWDP





# DRILL COLLAR

## COLLARES DE PERFORACIÓN (DC)

- 9-1/2" DC
- 8-1/2" DC
- 8" DC
- 6-1/2" DC
- 6-1/4" DC
- 4-3/4" DC



# PUP JOINT

## JUNTAS CORTAS

- Pup Joint 20ft - 5-7/8" OD x 5.153" ID - Tool Joint 7" OD - 4-1/4" ID - Connection WMT57 - 25.259 Lbs/ft.
- Pup Joint 15ft - 5-7/8" OD x 5.153" ID - Tool Joint 7" OD - 4-1/4" ID - Connection WMT57 - 25.259 Lbs/ft
- Pup Joint 10ft - 5-7/8" OD x 5.153" ID - Tool Joint 7" OD - 4-1/4" ID - Connection WMT57 - 25.259 Lbs/ft
- Pup Joint 5ft - 5-7/8" OD x 5.153" ID - Tool Joint 7" OD - 4-1/4" ID - Connection WMT57 - 25.259 Lbs/ft
- Pup Joint 20ft - 5-1/2" OD x 4.778 ID - Tool Joint 7" OD - 4" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 15ft - 5-1/2" OD x 4.778 ID - Tool Joint 7" OD - 4" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 10ft - 5-1/2" OD x 4.778 ID - Tool Joint 7" OD - 4" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 5ft - 5-1/2" OD x 4.778 ID - Tool Joint 7" OD - 4" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 20ft - 5" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 15ft - 5" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 10ft - 5" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 5ft - 5" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 20ft - 4-1/2" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 15ft - 4-1/2" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 10ft - 4-1/2" ID - Connection WMHT55 - 27.88 Lbs/ft
- Pup Joint 5ft - 4-1/2" ID - Connection WMHT55 - 27.88 Lbs/ft





# CROSS-OVER SUB - X-O,S ADAPTADORES DE CONEXIONES



- X-O 5-7/8" BOX x 7-5/8" Reg Pin
- X-O 5-7/8" BOX x 6-5/8" Reg Pin
- X-O 5-7/8" BOX x NC50 Pin
- X-O 5-7/8" BOX x NC46 Pin
- X-O 5-7/8" BOX x NC38 Pin
- X-O NC-50 BOX x 5-7/8" PIN
- X-O 5-1/2" BOX x 7-5/8" Reg Pin
- X-O 5-1/2" BOX x 6-5/8" Reg Pin
- X-O 5-1/2" BOX x NC50 Pin
- X-O 5-1/2" BOX x NC46 Pin
- X-O 5-1/2" BOX x NC38 Pin
- X-O NC-50 BOX x 5-1/2" PIN

## BIT SUBS

- Bit Sub - 9-1/2" - Conn 7-5/8" Reg Box - 7-5/8" Reg Box - 4ft
- Bit Sub - 8-1/2" - Conn 6-5/8" Reg Box - 6-5/8" Reg Box - 4ft
- Bit Sub - 8-1/2" x 9-1/2" - Conn 6-5/8" Reg Box - 7-5/8" Reg Box - 4ft
- Bit Sub - 8-1/2" x 6-1/2" - Conn NC-46 Box - 6-5/8" Reg Box - 4ft
- Bit Sub - 8-1/2" x 6-1/2" - Conn NC-50 Box - 6-5/8" Reg Box - 4ft
- Bit Sub - 8-1/2" x 6-1/2" - Conn NC-50 Box - 6-5/8" Reg Box - 4ft
- Bit Sub - 6-1/2" x 4-3/4" - Conn NC-38 Box - 3-1/2" Reg Box - 4ft





## **SAFETY VALVES - VÁLVULAS DE SEGURIDAD**

INSIDE BOPS, KELLY COCK VALVES

## **LIFTING SUB**

LIFTING CUP



## **HANDLING TOOLS FOR DRILL STRING**

HERRAMIENTAS DE MANO PARA  
MENEJO DE TUBULARES

- Drill Pipe Elevator - 5-7/8" - 350 Ton
- Rotary Slip for DP 5-1/2" - SDMXL
- Rotary Slip for DP 5-7/8" - SDMXL
- Manual Tong - HT 100 o Equivalente
- Drill Pipe Elevator - 5-1/2" - 350 Ton

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# Equipos y accesorios para rentas

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Camp / Campamentos





# CAMPERS – CASSETAS

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# **WATER TREATMENT PLANT (WASTE & POTABLE)**

# CAMP POWER - GENERADORES PARA CAMPAMENTO

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## Cummins Camp Gensets

- 250 KW capacity





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# Equipos y accesorios para rentas

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BOP Equipment - Blow  
Out Preventer Equipment



# **BOP EQUIPMENT - BLOW OUT PREVENTER EQUIPMENT**



## Blowout Preventer - 13-5/8" 10K psi

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- HRSB, Annular, 13-5/8" 5K psi & bottom flange 10K psi
- HRSB, Double ram preventer, 13-5/8" 10K psi, type U
- HRSB, Single ram preventer, 13-5/8" 10K psi, type U
- Drilling Spool 13-5/8" 10K psi with 4-1/16" outlets

## Blowout Preventer

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- 13-5/8" 5.000psi annular preventer
- 13-5/8" 10.000psi single ram preventer
- 13-5/8" 10.000 psi double ram

## Blowout Preventer - 13-5/8" 10K psi

---

- HRSB, Annular, 13-5/8" 5K psi & bottom flange 10K psi
- HRSB, Double ram preventer, 13-5/8" 10K psi, type U
- HRSB, Single ram preventer, 13-5/8" 10K psi, type U
- Drilling Spool 13-5/8" 10K psi with 4-1/16" outlets

## Blowout Preventer

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- HRSB 13-5/8" 10.000psi annular preventer
- HRSB 13-5/8" 10.000psi single ram preventer
- HRSB 13-5/8" 10.000 psi double ram



# ANNULAR BOP - BOP ANULAR



**Make**

HRSB

**Model**

11" x 5.000psi 1" x 5.000psi

**Model**

13-5/8" 10000psi

# DOUBLE RAM BOP - DOBLE RAM BOP



**Make**

HRSB

**Model**

11" x 5.000psi

**Make**

HRSB

**Model**

11" x 5.000psi

**Model**

13 5/8" x  
10.000psi

# ACCUMULATORS - ACUMULADORES



## Accumulator with remote station

- Manufactured by Dongsu
- Capacity: 24 bottles, 11 gallons ea
- Pump: 1 X 30 hp 460 v X 60 Hz
- Function: 7 stations
- By Pass One 1500 X 3000 psi

## Accumulator CPC Model BP-4032

- Capacity 16 bottles, 15-gallon ea
- Pump 1 X 30 hp 460 v X 60 Hz
- Function 6 X 4-way valves
- By Pass one 1500 X 3000 psi

## Accumulator CPC

- Capacity: 24 bottles, 11-gallon ea
- Pump 1 X 30 hp 460 v X 60 Hz
- (2 Ea) Pneumatic pump
- 7 Stations
- By Pass one 1500 X 3000 psi

## Accumulator CPC 0711T244044T2

- Capacity 24 bottles,
- Pump 1 X 40 hp X 60 Hz
- By Pass one 1500 X 3000 psi



## Accumulator CPC

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- Capacity: 24 bottles, 11-gallon ea
- 1 Electric Pump
- (3 Ea) Pneumatic pump
- Tank Capacity: 310 Gal
- 7 Stations

## Accumulator USA Oil Tools Style 2000

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- Capacity 24 bottles, 11 gallon each
- Pump 1 X 30 hp 460 v X 60 Hz
- Function 5 X 4-way valves
- By Pass one 1500 X 3000 psi

## Accumulator CPC

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- Capacity 32 bottles, 11-gallon ea
- Pump 1 X 30 hp 460 v X 60 Hz
- Function 6 X 4-way valves
- By Pass one 1500 X 3000 psi

## Accumulator Koomey OCO

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- Capacity - 12 bottles, 11 gallon each
- Pump 1 X 30 hp 460 v X 60 Hz
- Function 6 X 4-way valves
- By Pass one 1500 X 3000 psi

# CHOKE MANIFOLD - MANIFOLD DE CHOQUE



## Choke Manifold

- Valves 4-1/16" 10Kx3-1/16"10K
- Working Pressure 10,000PSI
- H<sub>2</sub>S resistant

# POOR BOY DEGASSER



## Poor Boy Degasser

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- Size: 48 inches



## Poor Boy Degasser

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- Size: 30 inches



# HIGH PRESSURE LINES



## High Pressure Lines WP 7500 PSI

- Stand Pipe Manifold rated at 7500psi
- High pressure lines 5" and 2" at 7500psi
- Rig floor & mud pump manifold @7500 psi
- Vibrator hose & rotary hose 5" F1002 @7500 psi
- Gate valves 2" & 5" @7500 psi
- Double Standpipe subject to special order

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# Equipos y accesorios para rentas

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Forklift – Montacargas





# WHEEL LOADER INDUSTRIAL GRADE



## Wheel Loader Industrial Grade

- All terrain
- 12 Tons rated capacity at 3 meters height
- 12 Tons rated forks



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# Equipos y accesorios para rentas

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## Manlift



# GENIE SELF ELEVATING WORK PLATFORM



## Genie Self Elevating Work Platform

- All terrain, 4 wheel drive
- 45 feet extension
- Diesel driven

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# Equipos y accesorios para rentas

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## Top Drives





**Make** Hong Hua  
**Model** DQ500Z

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- AC VFD Direct Drive
- Hoist Capacity 500 Tons
- Pipe Handler
- Motor Power Output 940HP
- Continuous Drill Torque 51,630ft-lbs@96rpm
- Rotary Hose length/Rate: 75' x 7.500 psi WP 5" F1002
- Max. Break out 77,440 Ft-Lb
- Speed 0~220rpm
- Independent VFD
- No gearbox, fewer transmission failure points
- Back up Tong range 3.4" to 8.5"
- ID Wash pipe 3"
- Rated working pressure 7500 PSI

**Marca** Canrig  
**Modelo** 1050E-712

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- Make in 2008 & 1000days overhaul in 2020
- Load Rating 500 Tons
- Pipe Handler
- Motor Manufacturer DC
- Motor Power Output 850 kW
- Current Rating (continuous) 5000psi working pressure
- Maximum Speed rating 190rpm low range at 22.800lbs/ft
- Maximum Drill Torque 47.400lbs/ft
- Maximum Make Up Torque: 84.900lbs/ft
- Kelly Cock System: HI-Kalibre 5.000psi
- Manual valve and 5.000psi Hydraulic valve.
- Rotary Hose length/Rating: 4" x 55' x 5.000psi WP
- Hydraulic Power Unit Twin



**Marca** Canrig  
**Modelo** 1275AG-681

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- Load Rating 750 Tons
- Pipe Handler
- Motor Manufacturer A/C
- Motor Power Output 1400HP
- Current Rating (continuous) 5000psi working pressure
- Stem Speed (Maximum continuous) 256rpm in low range at 23.700lbs/ft
- Maximum Drill Torque 51.400lbs/ft
- Maximum Make Up Torque: 71.500lbs/ft
- Kelly Cock System: HI-Kalibre 5.000psi Manual valve and 5.000psi Hydraulic valve.
- Rotary Hose length/Rating: 3" x 75' x 5.000psi WP
- Hydraulic Power Unit

**Marca** Canrig  
**Modelo** 8050

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- Load Rating 500 Tons
- Pipe Handler
- Motor Manufacturer A/C
- Motor Power Output 800HP
- Current Rating (continuous) 5000psi working pressure
- Stem Speed (Maximum continuous) 109rpm at 37.000lbs/ft
- Maximum Drill Torque 37,400 PSI  
Maximum Make Up Torque
- Kelly Cock System: HI-Kalibre 6 5/8Reg \*  
NC50 Pin - 5.000psi Hydraulic valve and 5.000psi Manual valve.
- Rotary Hose length/Rating: 3" x 75' x 5.000 psi test 5.000psi WP
- Hydraulic Power Unit

## Modelo 8050AC

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- Load Rating 500 Tons
- Pipe Handler
- Motor Manufacturer A/C
- Motor Power Output 800HP
- Current Rating (continuous) 5000psi working pressure
- Stem Speed (Maximum continuous) 109rpm at 39.000lbs/ft
- Maximum Drill Torque 52.000lbs/ft Maximum Make Up Torque
- Kelly Cock System: HI-Kalibre 6 5/8Reg \* NC50 Pin - 5.000psi Hydraulic valve and 5.000psi Manual valve
- Rotary Hose length/Rating: 3" x 75' x 7.500 psi test 5.000psi WP
- Hydraulic Power Unit

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## Marca Warrior 250Ton

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- Hoisting Capacity:
  - Static (Elevator Load Path): 250 Tons
  - Static (Quill Load Path): 250 Tons
  - Dynamic (Bearing API 8C): 250 Tons
- Pull-down capacity (Static & Dynamic): 40.000lbs (18.100 kg)
- Rotational speed range: 0-180 rpm
- Input Horsepower: 400 continuous
- Nominal breakout torque: 29,000ft-lb (43.400 Nm)
- Maximum Make-up torque: 29.000ft-lb (39300 Nm)
- Back – up Wrench tubular diameter range: 3.38 ti 8.00 inches
- Quill Connection: NC50 (4 ½ IF)
- Water Course diameter: 2.81 in
- Rated Water Circulating Pressure: 5000psi
- System hydraulic operating pressure: 5000psi
- Gooseneck connection: 4 in with Fig 1002 Union
- Rotary hose connection: 4 in with Fig 1002 Union
- Rotatable pipe handler: 360° continuous
- Design ambient temperature: -20°C to +40°C
- Weight (working) Top Drive c/w guide trolley block interface, mud saver valve, w/o trolley or elevator links: 13.900lb (6.300 kg)
- Weight (transport) Top Drive in shipping skid, c/w block interface, mud saver valve, w/o trolley or elevator links: 14.000lb (6.350 kg)
- Main hydraulic connection (fwd / rev): 2 in. code 62



**Make** Warrior  
**Model** 250H14HR

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- Hoisting Capacity 250 Tons
- Rotational Speed Range: 0-180 rpm
- Input HP: 400 Continuous
- Back – up Wrench Dia Ranges 3.75 to 7.38 inches
- Back – up Wrench Max. Torque 32,000ft-lb (43.386 Nm)
- Quill Connection Diameter: NC50 (4 ½ IF)
- Water Course diameter .81 In
- Rated Water Circulating Pressure 5000psi
- System Hyd. Operating Pressure: 5000psi
- Bonnet Top Connection : 4 in with Fig 1002 Union
- Desing Ambient Temp: -20 to 40°C (-4 to 104°F)
- Drill Pipe Range: 3 ½ to 5 In
- Weigth – Top Drive c/w Guide Trolley block interface, no elevator links: 14.585lbs (6.615 kg)
- Weigth – Top Drive in shipping skid, c/w block interface: 12.95lbs (5.890 kg)
- Main Hydraulic connection (Fw/ Rev): 2" Code 62

**Make** Warrior  
**Model** 250H14HR

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- Rated Hoisting Capacity 250 Tons
- Max Continuous Rotational Speed 80Rpm
- Power Unit (Diesel) 630HP
- Nominal Breakout Torque 32,000ft-lb
- Nominal Make-up Torque 43.500ft-lb
- Max Continuous Drill Torque 25.000ft-lb
- Back – up Wrench Diameter Ranges 3.38 to 8.5 inches
- Back – up Wrench Max. Torque 32,000ft-lb (43.386 Nm)
- Quill Connection NC50
- Water Course diameter 2-13/16"
- Rated Water Circulating Pressure 5000psi
- Pipe Handler (360° continuous Rotation)
- Estimated Weight 14.500lbs
- Width 46.75 inches
- Depth including Guide Rail 50.75 inches



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# Equipos y accesorios para rentas

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Tanks - (Mud Tanks,  
Fuel Tanks, Water Tanks)



# MUD TANKS

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## Mud Tank System, Rounded-bottom

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### Active Mud System:

- Suction Tank: 1 skid w/4 ea round bottom tanks  
- Total capacity 380 bbls
- Shaker Tank: 1 skid w/6 ea square tank – Total capacity 380 bbls
- 1 skid w/ 3 ea centrifugal pumps 6x5x11

### Reserve Mud System:

- Mixing Tank: 1 skid w/4 ea round bottom tanks  
– Total capacity 380 bbls.
- 1 skid w/5 ea round bottom tanks – Total capacity 475 bbls
- Pill Tank: 60bbl
- Sand Trap: 60bbl
- Trip Tank: 60bbl
- Fill system: 2x3 Electric Pump

## Mud Tank System, Rounded-bottom

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### Active Mud System:

- Suction Tank: 1 skid w/1 ea sloped bottom tank and 3ea compartments - Total capacity 378 bbls
- Shaker Tank: 1 skid w/3 ea square tank – Total capacity 315 bbls
- Shaker Tank: w/ 3 ea centrifugal pumps 8x6x13

### Reserve Mud System:

- Mixing Tank: 1 skid w/1ea sloped bottom tank and 3ea compartments Total capacity 283 bbls.
- Intermediate Tank: 1 skid w/1 ea sloped bottom tank and 3ea compartments Total capacity 378 bbls
- Reserve Tank #1: 1 skid w/1 ea sloped bottom tank and 2ea compartments Total capacity 378 bbls
- Reserve Tank #2: 1 skid w/1 ea sloped bottom tank and 2ea compartments Total capacity 378 bbls
- Sand Trap: 132 bbl
- Trip Tank: 116 bbl
- Fill system: 4x3 Electric Pump



# FUEL TANKS

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Diesel Tank Cylindrical – Capacity: 10.000 Gal.





# WATER TANKS

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## Flexible Water Tanks

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- 2000bbl barrels volume capacity
- Small footprint relative to conventional tanks
- Hydraulically raised vertical tanks
- Quick assembly (up and down)



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# Equipos y accesorios para rentas

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Solid Control Equipment -  
Equipos de Control de  
Sólidos





## Shale Shakers

- Derrick Hyperpool
- 4 panel pyramidal
- Angle adjustable
- 70 to 200 API screens

## Desander & Desilter

- Derrick 503 Flow Line Cleaner
- 16 Cones 4" ea Desilter
- 3 Cones 10" ea Desander

## Degasser

- Vacuum Type

## Shale Shakers

- Derrick Hyperpool
- Flow Rate 650gpm ea

## Mud Cleaner

- Derrick Hyperpool,
- Desander with 3 hydro-cyclones 10" 1200 gpm
- Desilter with 16 hydro-cyclones 4" (twin) 1200 gpm

## Vaccum Degasser

- Vacuum Degasser Derrick 1200
- 1200gpm

## Shale Shakers

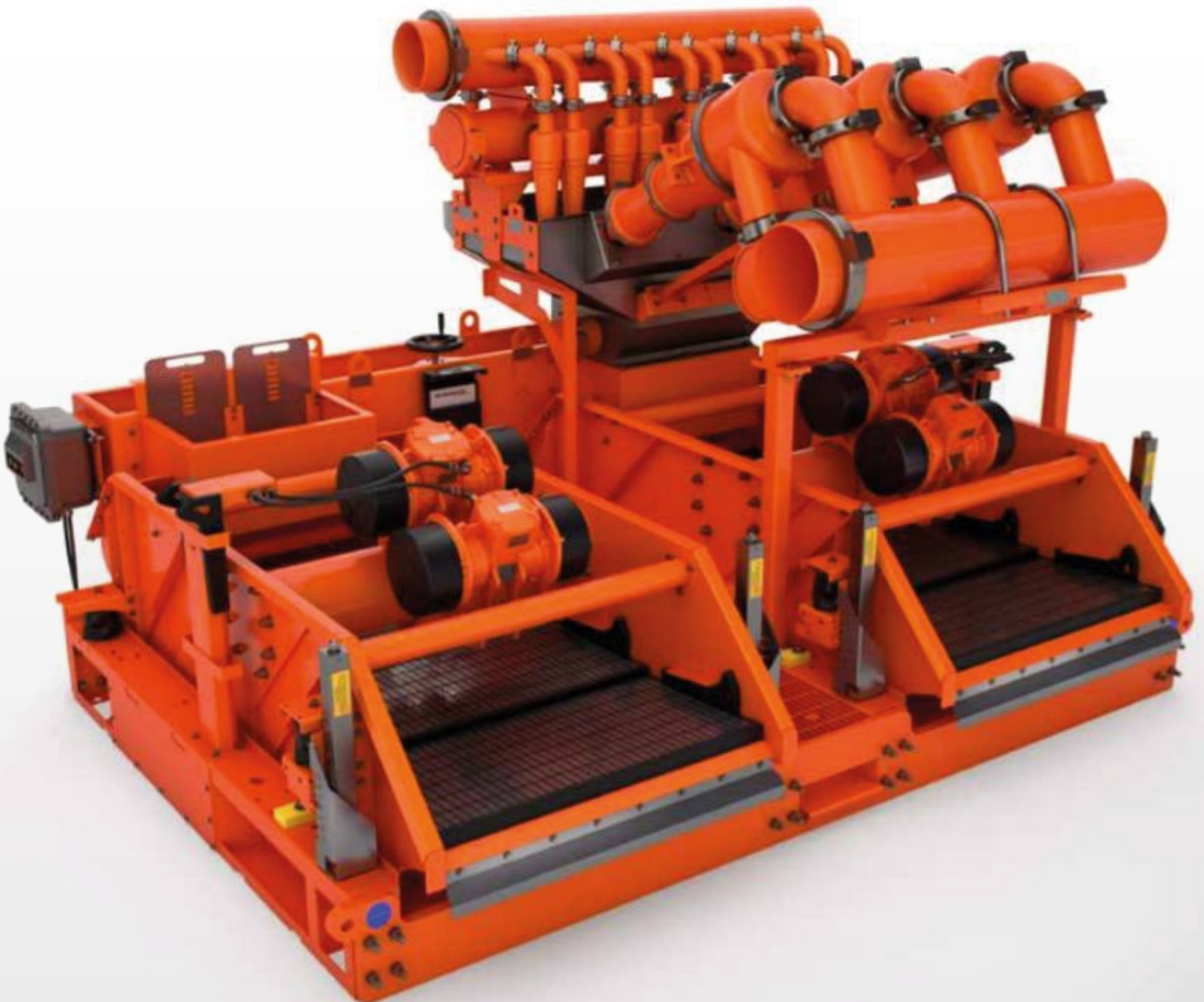
- New Derrick 4 Panel Hyperpool
- Flow Rate 600gpm ea
- Hydraulic adjustable while drilling (awd)
- Screenshot Sizes from 80 to 210 Mesh

## Desander & Desilter

- Derrick 503 Flow Line Cleaner
- 16 Cones 4" ea Desilter
- 2 Cones 10" ea Desander

## Degasser

- Derrick Vacuum Type
- 800gpm



## Shale Shakers

- Derrick 4 Panel Hyperpool New
- Flow Rate 600gpm ea
- Hydraulic adjustable while drilling (awd)
- Screenshot Sizes from 84 to 250 Mesh

## Desander & Desilter

- Derrick 503 Flow Line Cleaner
- 20 Cones 4" ea Desilter
- 3 Cones 10" ea Desander

## Degasser

- Derrick Vacuum Type
- 1200gpm

## Shale Shakers

- Derrick FLC-503
- Flow Rate 500gpm ea
- Hydraulic adjustable while drilling (awd)
- Screenshot Sizes from 80 to 210 Mesh

## Desander & Desilter

- Derrick 503 Flow Line Cleaner
- 16 Cones 4" ea Desilter
- 2 Cones 10" ea Desander

## Degasser

- Derrick Vacuum Type
- 800gpm

## Shakers

- Derrick – FLC 503
- Flow Rate 600gpm (each w/ water)
- Hydraulic adjustable while drilling (awd)
- Screenshot sizes from 84 to 250 mesh

## Desander & Desilter

- Derrick 503 Flow Line Cleaner
- 16 Cones 4" (each) Desilter
- 3 Cones 10" (each) Desander

## Degasser

- Vacuum Type
- Derrick, 1200gpm

## Shakers

- Derrick FLC 503
- Max Flow Capacity 700gpm
- Hydraulic adjustable while drilling (awd)
- Screenshot Sizes from 110 to 220 Mesh

## Mud Cleaner Desander

- Derrick FLC 503 3 IN 1
- 8 Cones 4" ea Desilter
- 2 Cones 12" ea Desander

## Degasser

- Vacuum Type

## Shale Shakers

- Derrick DP-626
- Scalper Deck Included
- Hydraulic adjustable while drilling (awd)
- Screenshot Sizes from 84 to 250 Mesh

## Desander & Desilter

- Derrick 503 Flow Line Cleaner
- 16 Cones 4" ea Desilter
- 2 Cones 10" ea Desander

## Degasser

- Derrick Vacuum Type

## Shale Shakers

- MI-SWACO Mongoose PRO
- Dual Motion Adjustable with Assembly Possum Belly
- G-Force 7.5G maximum (Balanced Elliptical)
- Flow Rate 650gpm ea @ 12ppg w/120 API screen with 2ea Vibrator Motor 2.5 hp explosion proof 440–480 Volts 60 Hz
- 4ea Screen Panel with Deck Angle Adjustment in operation 3° to + 3°

## Mud Cleaner

- 1ea MI-SWACO Mongoose PRO
- 1ea Desander with 3 hydro-cyclones 12" 1500 gpm
- 1ea Desilter with 20 hydro-cyclones 4" (twin) 1500 gpm

## Vaccum Degasser

- MI-SWACO Compact Degasser
- 1200gpm

## Zarandas

- SWACO Mongoose
- Derrick FLC-503
- Max Flow Capacity 1200gpm
- Hydraulic adjustable while drilling (awd)
- Screenshot Sizes from 110 to 220 Mesh

## Desander & Desilter

- MI Swaco Mounted over Shaker
- 16 Cones 4" ea Desilter
- 2 Cones 12" ea Desander

## Degasser

- Swaco Vacuum Type

## Shakers

- Brant King Cobra
- Flow Rate 500gpm (each)
- Hydraulic adjustable while drilling (awd)
- Screenshot sizes from 84 to 250 mesh

## Desander & Desilter

- Brant King cobra Mud Cleaner
- 16 Cones 4" (each) Desilter
- 3 Cones 10" (each) Desander

## Degasser

- Vacuum Type
- Derrick, 1200gpm

## Shakers

- Nov Min Cobra
- Two (2) ea Panel Shaker
- Capacity 300gpm (each)
- 2 screens





# VACCUM DEGASSER



# FLARE PIT - BANDEJA DE QUEMADO DE GASES

## Vacu - Flo Degasser 1200 Flow: 1200 GLP



- Vacuum pump:
- Vacuum max: 29" Hg
- Drive motor: 5HP, 1750 rpm, 3 phase
- Drive: Belt

### Dimensions

- Height: 74"
- Width: 64"
- Length: 88"

## Compact Degasser Flow: 1000glm

- Drive motor: 5HP, 1755 rpm, 3 phase
- Dry : 1550 kg
- Wet: 4750 kg



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# Equipos y accesorios para rentas

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Generators Set -  
Set de Generadores







# GENERATORS / GENERADORES

**Make** CAT  
**Model** 3512B

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- Continuous output 1476 Hp at 1200rpm
- Noise Reduction Exhaust System

**Make** CAT  
**Model** 3512C-HD

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- Engine Power 1750hp at 1200rpm
- Gen Rated Power 1200 kW at 1200 rpm
- Frequency 60 Hz, Voltage 600 V

**Make** CAT  
**Model** 3512C

---

- Continuous output 1476 Hp at 1200rpm
- Noise Reduction Exhaust System

**Marca** CAT  
**Modelo** 3512C

---

- Continuous output 1476 Hp at 1200rpm
- Noise Reduction Mufflers

**Marca** CAT  
**Modelo** 3512C

---

- Continuous output 1400hp at 1200rpm
- Noise Reduction Mufflers

**Marca** CAT  
**Modelo** 3512C

---

- Continuous output 1475hp at 1200rpm
- Noise Reduction Mufflers
- Bi-Fuel Gas Natural y Diésel

**Marca** CAT  
**Modelo** 3512C

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- Continuous output 1200hp at 1200rpm
- Noise Reduction Mufflers

**Marca** CAT  
**Modelo** 3512

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- Continuous output 1100 Kw at 1200rpm;
- Noise Reduction Mufflers

**Marca** CAT  
**Modelo** 3508

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- Continuous output 1400hp at 1200rpm
- Noise Reduction Mufflers

**Marca** CAT  
**Modelo** D399

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- Continuous output 970 Kw at 1200rpm
- Noise Reduction Mufflers



**RIG 102**

**Marca** Detroit  
**Modelo** Diesel Serie 60

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- With two (2) 425 kW Marathon Magnamax Generators, Modine Radiators and engine belt fan drive, Mounted on utility skid
- One (1) Baldor Reliancen 7.5 HP & 50 HP compressors; 125 psi

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# Equipos y accesorios para rentas

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Mud Pumps - Bombas  
de Lodo







# 1600HP MUD PUMPS HIGH PRESSURE

**Make** Hong Hua

**Model** HHF-1600 Direct Drive

- Input Power: 1600hp
- Rated Stroke 120spm
- Liner Sizes: 4½" to 7"
- Rated Stroke distance 12"
- Suction pipe size: 12"
- Discharge pipe size: API 5 1/8"
- Flanged, 7500psi
- Max. discharge pressure 7500psi
- Max. discharge flow 720gpm
- Valve chamber size: API 7#
- Lubrication: Forced and splash
- Direct drive motor: HTB12A 600V
- Charging pump: 8x6x13 @100HP

## Features

- Directly driven through pinion shaft by specially designed single AC motor
- Higher reliability, more compact unitization, and lighter weight
- Lower noise and vibration
- Reduced pinion shaft loading, extended bearing life

**Make** Hong Hua  
**Model** HHF-1600HL

---

- Input Power: 1600hp
- Work Pressure: 7.500 PSI
- Rated Stroke 120spm
- Liner Sizes: 4½" to 7"
- Rated Stroke distance 12"
- Suction pipe size: 12", Flanged
- Discharge pipe size: API 5 1/8" Flanged, 5000psi
- Max. discharge pressure 7500psi
- Max. discharge flow 800gpm
- Valve chamber size: API 7#
- Lubrication: Forced and splash

**Marca** Hong Hua  
**Modelo** HFF-1600

---

- Input Power: 1600hp
- Rated Stroke 120spm
- Liner Sizes: 5" to 7"
- Rated Stroke distance 12"
- Suction pipe size: 12", Flanged
- Discharge pipe size: 5" SCH XXS, 5000psi WP
- Max. discharge pressure 5000psi (34.5 Mpa)
- Max. discharge flow 780gpm (49.21 L/s)
- Valve chamber size: API 7#
- Lubrication: Forced and splash

**Marca** Hong Hua  
**Modelo** Bomco F-1600

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- Brand New
- Input Power: 1600hp
- Rated Stroke 120spm
- Liner Sizes: 5½" to 7"
- Rated Stroke distance 12"
- Suction pipe size: 12", Flanged
- Discharge pipe size: API 5 1/8" Flanged, 5000psi
- Max. discharge pressure 5000psi (34.5 Mpa)
- Max. discharge flow 780gpm (49.21 L/s)
- Valve chamber size: API 7#
- Lubrication: Forced and splash

**Make** Gardner Denver  
**Model** PZ-11

---

- Input Power: 1600hp
- Rated Stroke 120spm
- Liner Sizes: 5½" to 7"
- Rated Stroke distance 12"
- Suction pipe size: 12", Flanged
- Discharge pipe size: API 5 1/8" Flanged, 5000psi
- Max. discharge pressure 5000psi (34.5 Mpa)
- Max. discharge flow 780gpm (49.21 L/s)
- Valve chamber size: API 7#
- Lubrication: Forced and splash

**Make** Gardner Denver  
**Model** PZ-11

---

- Input Power: 1600 HP
- Rated Stroke 115 spm
- Liner Sizes: 5½" to 7"
- Rated Stroke distance 12"
- Suction pipe size: 12", Flanged
- Discharge pipe size: API 5 1/8"
- Flanged, 5000psi
- Max. discharge pressure 5000psi (34.5 Mpa)
- Max. discharge flow 780gpm (49.21 L/s)
- Valve chamber size: API 7#
- Lubrication: Forced and splash

**Make** Gardner Denver  
**Model** PZ-11

---

- Input Power: 1600 HP
- Liner Sizes: 5½" to 6-1/2"
- Suction pipe size: 10" Hammer Seal
- Discharge pipe size: API 5-1/8"
- Flanged, 5000psi
- Max. discharge pressure 5000psi
- Max. discharge flow 780gpm
- Valve chamber size: API 7#

**Make** National  
**Model** 9P-100

---

- Input Power: 1600 HP
- Liner Sizes: 5½" to 6-1/2"
- Suction pipe size: 10" Hammer Seal
- Discharge pipe size: API 5-1/8" Flanged, 5000psi
- Max. discharge pressure 5000psi
- Max. discharge flow 780gpm
- Valve chamber size: API 7#

**Make** Gardner Denver  
**Model** PZ7

---

- Powered By 1 ea Detroit Diesel Series 60
- Input Power: 550 BHP (410kw)
- Type: Triplex single piston
- Max Liner Dia: 7"
- Max Stroke: 7"
- Rated Strokes: 145 SPM
- Gear Type: Herrngbone gear
- Gear Ratio: 4.625:1
- Lubrication Pressure & Splash
- Liner Sz Available: 4 1/2" 5"; 5 1/2"; 6", 6 1/2"; 7"
- Max. pressure 5000psi
- Max. discharge 507gpm

**Make** Nov  
**Model** 12P-160

---

- Input Power: 1600hp
- Rated Stroke 120spm
- Liner Sizes: 5½" to 7"
- Rated Stroke distance 12" & 11"
- Suction pipe size: 12", Flanged
- Discharge pipe size: API 5 1/8" Flanged, 5000psi
- Max. discharge pressure 5000psi (34.5 Mpa)
- Max. discharge flow 780gpm (49.21 L/s)
- Valve chamber size: API 7#
- Lubrication: Forced and splash



**Make** Brand Maxum  
**Model** M800

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- Input Power: 1000hp
- Rated Stroke 150spm
- Liner Sizes: 4½" to 6½"
- Suction pipe size: 8", Flanged
- Discharge pipe size: API 4" Flanged, 5000psi
- Max. discharge pressure 5000psi
- Max. discharge flow 400gpm
- Valve chamber size: API 7#
- Lubrication: Forced and splash

**Make** Oklahoma Rig Fabricators  
**Model** JF-16000

---

- Input Power: 1600hp
- Rated Stroke 120spm
- Liner Sizes: 5½" to 7"
- Rated Stroke distance 12"
- Suction pipe size: 12", Flanged
- Discharge pipe size: API 5 1/8" Flanged, 5000psi
- Max. discharge pressure 5000psi ( 34.5 Mpa)
- Max. discharge flow 720gpm
- Valve chamber size: API 7#
- Lubrication: Forced and splash

**Make** Mud King  
**Model** FB-16000

---

- Input Power: 1600hp
- Rated Stroke 120spm
- Liner Sizes: 5½" to 7"
- Rated Stroke distance 12"
- Suction pipe size: 12", Flanged
- Discharge pipe size: API 5 1/8" Flanged, 5000psi
- Max. discharge pressure 5000psi ( 34.5 Mpa)
- Max. discharge flow 720gpm
- Valve chamber size: API 7#
- Lubrication: Forced and splash



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# Equipos y accesorios para rentas

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Rig Floor Equipment -  
Equipos Mesa de  
Perforación



# MANUAL TONGS - LLAVES DE POTENCIA



# HYDRAULIC TONGS - LLAVES HIDRAULICAS DE POTENCIA – ENROSQUE

**Make** NOV

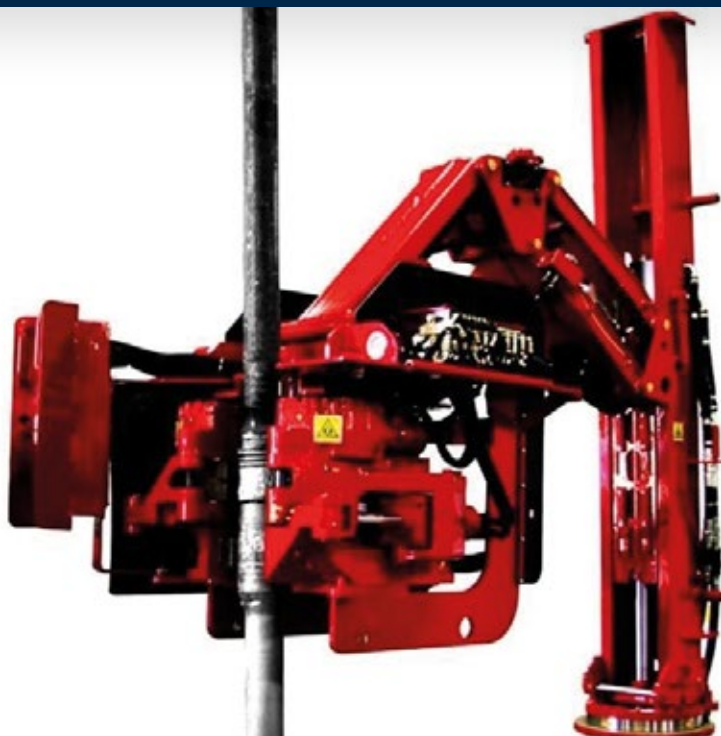
**Model** ST-80Z7

- Max Torque Break out 80,000 ft/lbs
- Torque Make up 60,000 ft/lbs
- Pipe Range 4-1/2" to 8 1/2"





# IRON ROUGNECK - TORQUE WRENCH - LLAVES DE ENROSQUE & TORQUEO DE TUBERIA AUTOMATICAS



## Hydraulic Wrench (High Torque), Hydraulic Slips & Rotating Mouse

**Make** Blohm + Voss

**Model** FH-100

- Max Torque Break out 80,000 ft-lbs
- Torque Make up 100,000 ft-lbs.
- Pipe Range 4" to 9½"

**Make** Blohm + Voss

**Model** GF1100

- Max Torque Break out 80,000 ft-lbs
- Torque Make up 65,000 ft-lbs.
- Pipe Range 2-7/8" to 8½"

**Make** Bauer NeoRig

**Model** PT 100/800

- Max Torque Break out 110,000 ft-lbs
- Torque Make up 87,000 ft-lbs.
- Pipe Range 4" to 9½"
- Two point torque wrench bit qty
- Spin roller speed 120rpm
- Max. pressure range 3000 psi
- Max hydraulic flow rate 21 gpm

## **Make** Canrig

### **Model** Torq Matic 120

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- Max Torque Break out 120,000 ft-lbs
- Torque Make up 90,000 ft-lbs.
- Pipe Range 2½" to 11½"

## **Make** Nov

### **Model** TW61

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- Range 4" to 8 1/2"
- Make-up Torque 63,000 ft-lbs
- Break-out Torque 75,000 ft-lbs
- Power requirements 30-35 GPM @ 2000 psi
- Air Pressure (for Tugger) 90-125 psi
- Weight 3190lbs (1450 kg)
- Vertical Positioning Reach 72" (1830 mm)
- Torquing 34° 2 Seconds

## **Make** Nov

### **Model** ST-80C

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- Make in 2015
- Floor Socket Mounted
- Range 4-1/4 to 8-1/2
- Spin Speed 75 rpm
- Max Make-up Torque: 60,000 ft-lbs
- Max Break-out Torque: 80,000 ft-lbs
- Horizontal Travel: 60 inch
- Vertical range 36" to 72"
- Connection Height: 23 to 59"

## **Make** Nov

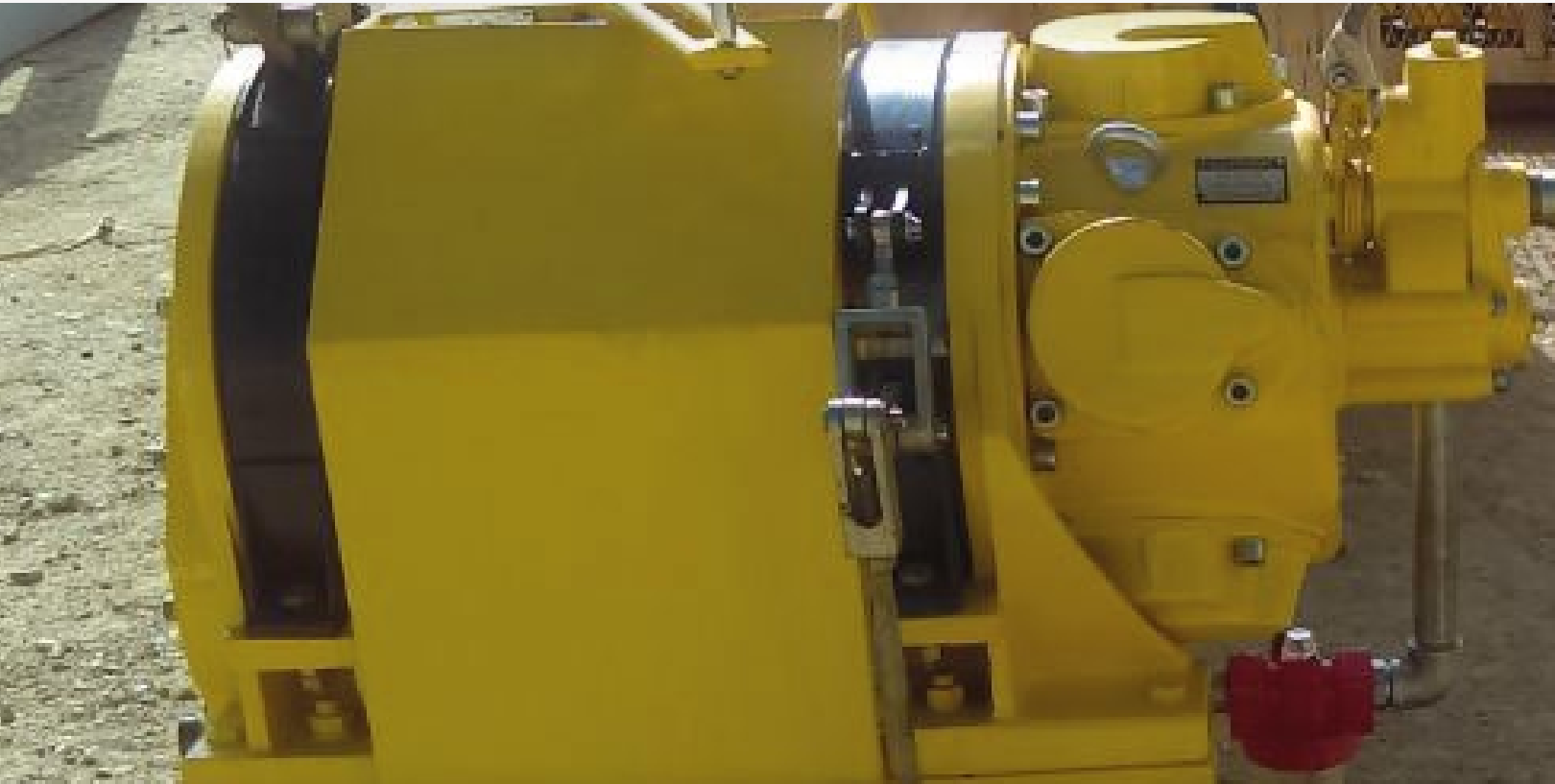
### **Model** ST-80C

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- Connection Range: 4-1/4" to 8-1/2" OD connection
- Max Make-up Torque: 60,000 ft-lbs
- Max Break-out Torque: 80,000 ft-lbs
- Spin Speed: 85 RPM typical on 6-5/8 OD connection
- Spin torque: 1.550 ft—lbs typical on 6 5/8 OD connection
- Drill Pipe: 3 1/2" to 6 5/8"
- Drill Collars: from 4 1/2 " to 8 1/2 " OD
- Power requirements 30-35 GPM @ 2000 psi
- Air Pressure (for Tugger) 90-125 psi
- Weight 3190lbs (1450 kg)
- Vertical Positioning Reach 72" (1830 mm)
- Torquing 34° 2 Seconds



# WINCHES PNEUMATIC & HYDRAULIC



## MAN RIDER



### Ingersoll Rand Manrider

- 150Kg capacity



# BOP HYDRAULIC HOIST



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# Equipos y accesorios para rentas

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Automatic Catwalk -  
Catwalk Automático





### **Power Catwalk**

**Make** Weatherford

**Model** 15 PULD-M

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- Hydraulic
- Max Tubular length 48 ft
- Max Tubular OD 20 in
- Max Tubular weight 8,000lbs

### **Automatic Catwalk**

**Make** Puldm

**Model** 15

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- Tubular max. length 48'
- Max tubular OD 20",
- Max tubular weight 3.500Kg

### **Automatic Catwalk**

**Make** Puldm

**Model** 15

---

- Tubular max. length 48'
- Max tubular OD 20",
- Max tubular weight 4.000Kg

### **Automatic Catwalk**

**Make** Puldm

**Model** 15

---

- Tubular max. length 48'
- Max tubular OD 20",
- Max tubular weight 3.500Kg

### **Automatic Catwalk**

**Make** Accuform

**Model** 2000

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- Tubular max. length 45'
- Max tubular OD 26",
- Max tubular weight 10.000Lbs





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# Equipos y accesorios para rentas

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Auxiliary Equipment



# TOWER LIGHTS - PLANTA ESTADIUM



## CPLT V15

- Drive Motor: Diesel, 13 HP 3600rpm
- Weight: 700Kg
- (LXWXH) : 2904mm x 1108mm x 2963mm
- 4 x 1500W lamps

## MPCM

- Drive Motor: Diesel, 6hp, 1800rpm
- Weight: 657Kg
- (LXWXH) : 2993mm x 1100mm x 2443mm
- 4 x 360W led Flood light





[www.tuscanydrilling.com](http://www.tuscanydrilling.com)

