



GREATHOLDINGS

RIG G-120

850 HP

AC-DC, SCR TYPE

ELECTRIC POWER

TOP DRIVE

WALKING SYSTEM



RIG G-120

850 HP - DRILLING RIG

AC-DC, SCR TYPE, ELECTRIC POWER

RIG TYPE	850 HP Telescopic Double
MAKE	Care Industries (2011)
DRAWWORKS	TSM – 850 1 Detroit Diesel MTU-12V2000 (1000 HP)
AUXILIARY BRAKE	Eaton 324 brake complete w/ cooling package
MAST	Care Industries 105' x 440,000 lb static hook load w/ 10 lines
SUBSTRUCTURE	Care Industries- (18' floor height) Rotary capacity 440,000 lb / Setback capacity 350,000 lb BOP handling system
TRAVELLING BLOCK	Warrior – 250 ton
SWIVEL	N/A
TOP DRIVE	Warrior model 250 hydraulic (250 ton) Drill torque: 25,000 ft x lb
ROTARY TABLE	27½" Hacker 500 ton
MUD PUMPS	Weatherford MP- 10 (1,000 HP) Detroit – 12V2000Weatherford MP- 10 (1,000 HP) Detroit – 12V2000
MUD SYSTEM	2 tank system with complete roof system Active system: 900 bbl. Five (5) 7.5 HP agitators
SOLIDS CONTROL	Two (2) Shale shakers (King Cobra) One (1) Mud cleaner 3x1 (King Cobra) One (1) Mud D-gasser (MI Swaco)
CENTRIFUGAL PUMPS	Two (2) Badger centrifugal – 5x6x14 c/w 50 HP motors – 2 mix hoppers Two (2) Badger centrifugal – 6x8x14 c/w 50 HP motors – mud cleaner
BOP EQUIPMENT	One (1) 13 5/8" x 5,000 psi Shaffer annular One (1) 13 5/8" x 5,000 psi Shaffer SL double gate Two (2) 2 1/16" x 5,000 psi manual gate valves (kill line) One (1) 2 1/16" x 5,000 psi check valve (Kill line) One (1) 3 1/8" x 5,000 psi manual gate valve (choke line) One (1) 3 1/8" x 5,000 psi HCR gate valve (choke line)
CHOKE MANIFOLD	Five (5) 3 1/8" x 5,000 psi manual gate valves Eight (8) 2 1/16" x 5,000 psi manual gate valves One (1) manual choke valve: 2 1/16" x 5,000 psi One (1) hydraulic choke valve: 2 1/16" x 5,000 psi
BOP CLOSING UNIT	OCO – 5 station, 120 gallon
POWER GENERATION	Two (2) Magna Max generators (450 KW each) Two (2) Detroit Diesel 60 Series (600 HP each) CCM Distribution
WATER TANK	430 bbl (Independent tank) Two (2) 3x2x11 Mud Hog centrifugal
FUEL TANK	430 bbl (Independent tank) Two (2) fuel pumps and filtration system

TUBULAR HANDLING

Six (6) pipe tubs – 2 hydraulic operated
One (1) powered catwalk (hands free)
Four (4) sets pipe racks

DRILL STRING

Drill pipe: 250 Joints of the 5" x 19.5 lb/ft – S-135 (4 ½" IF)
Drill collars: 18 joints 6½" x 4 ½" XH
Drill collars: 8 joints 8" x 6½" REG
Heavy weight: 40 joints 5" x 4 ½" IF

HANDLING TOOLS

As required for drill string

CASING HANDLING TOOLS

Side door casing elevator for 13-3/8", 9-5/8", 7", 5"
Single joints elevators for 13-3/8", 9-5/8", 7", 5"
Rotary casing slips for 13-3/8", 9-5/8", 7", 5"

INSTRUMENTATION

Weight Indicator: Martin DECKER
Stroke Counter, RPM for RT, pressure gauges
Rotary RPM counter and pumps stroke counter

SKIDDING PACKAGE

Skidding package to skid rig 150 fee
Skidding system can go forward to back and side to side

RIG CAMP

(1) Company Man Unit – Office/Bedroom
(1) Rig Manager Unit – Office/Bedroom
(1) HSE/ Medic Unit
(1) Bathroom /Shower Unit

MAIN CAMP

N/A

MATERIAL HANDLING

One (1) Morooka with Atlas 9,0 ton hydraulic

Cimentação



Fluidos de Perfuração

SERVIÇOS INTEGRADOS



GREAT HOLDINGS

Av. João Cabral de Melo Neto, 400 - Sala 1504

22775-057 .Barra da Tijuca Rio de Janeiro / RJ. Brazil

+55 21 3559-9900

www.greatholdings.com.br | contato@greatholdings.com.br