

2008 Commander 3000 HP Land Rig



DRAWWORKS

Make: Commander 3000 ACE
 Drive: 2 x OEM 2000
 Rating kW (hp): 2 x 858 (1,150)
 Hoisting Capacity daN (lbs): 444,882 (1,000,985)
 Auxiliary Brake: 2 x Eaton

MAST

Make: DSI Triple Cantilever
 Height m (ft): 45 (148)
 Static Hook Load daN (lbs): 712,000 (1,600,000)
 Number of Lines: 12
 Drilling Line mm (inches): 38.1 (1.5)

SUBSTRUCTURE

Make: DSI Box on Box on Box (3)
 Max Setback Load daN (lbs): 355,840 (800,640)
 Max Rotary Load daN (lbs): 579,000 (1,302,750)
 KB-Ground m (ft): 9.75 (32.1)
 BOP Clearance m (ft): 8.3 (27.3)

MUD PUMP 1

Manufacturer & Model: HHF 1600
 Drive & Rating kW (hp): 2 x GE ESE 79, 1,120 (1,500)
 Circulating Pressure kPa (psi): 52,500 (7,500)

MUD PUMP 2 & 3

Manufacturer & Model: HHF 1600
 Drive & Rating kW (hp): 2 x GE ESE 79, 1,120 (1,500)
 per each pump
 Circulating Pressure kPa (psi): 52,500 (7,500)

MUD SYSTEM

Number of Tanks: 2
 Total Volume m³ (bbl): 11 compartments, 315 (2,646)
 Shale Shaker(s): 3 x Brandt Venom
 Pill Tank m³ (bbl): 9.6 (80)
 Trip Tank m³ (bbl): 9.6 (80)
 Agitators: 6 Brandt

TOP DRIVE

Make: Canrig AC 500 Ton
 Continuous Torque: 51,400 ft/lbs @ 120 RPM

RIG POWER

Make: 3 x Cat 3516 B-DITA
 Max Power kW (hp): 3 x 1,322 (1,771)

HOISTING & ROTATING EQUIPMENT

Rotary Table Size mm (inches): 952 (37.5)
 Block Hook Capacity Ton (daN): 650 (578,200)

TUBULARS

Drill Pipe: Operator Specific
 Drill Collars: 21 – 171 mm (6.75”), 9 – 229 (9”)
 HWDP: Operator Specific

** Tubular quantities & descriptions are subject to change*

WELL CONTROL

Size mm (inches): 346 (13.62)
 Pressure Rating kPa (psi): 35,000 (5,000)
 Manifold mm (inches): 77.8 (3)
 Pressure Rating kPa (psi): 105,000 (15,000)
 Accumulator: PCL Control Panel, 7 station
 Capacity L (gallons): 712 (188)

** Well control equipment is subject to change*

ADDITIONAL EQUIPMENT

Fuel Storage L (gallons): 40,000 (10,570)
 Water Storage L (gallons): 87,450 (23,110)
 Hydraulic Catwalk: Power Cat 3000
 Iron Roughneck: Canrig TM 120
 Cold Start kW (hp): 1 x Cat 3406 - 113 (151)
 Boiler: 2 x William Davies 100hp
 Casing Bushings: 18 5/8" - 20"
 Moving System: N/A
 Vacuum System: Yes



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