

Drilling Rig BCH-05E General Specification

Substructure	<p>Substructure Type: Single Box Manufacturer: Mastco Floor Height: 4.7 meters K.B. to Ground: 5.1 meters Clear Working Height: 4.11 meters Rotary Capacity: 166,800 daN Maximum Rated Pipe Setback: 133,500 daN</p>
Mast	<p>Mast Type: Telescoping double Manufacturer: Rigmaster Static Hook Load: 166,800 daN Number of Lines: 8 Lines Drill Line Size: 28.5mm (11/8 in.) Racking Capacity: 3200m x 127mm D.P.</p>
Drawworks	<p>Drawworks: Rig Master 750 Drawworks Capacity: 180,000 daN w/ 8 Lines Rated Power kW (hp): 520kW (750hp) Drawworks Drive: GE-752 745KW</p>
Mud Pumps	<p>Mud Pump #1 Manufacturer & Model: Gardner Denver PZ-9 Rated Power: 745 kW (1000 hp) Stroke (mm): 228.6mm (9") Mud Pump Drive: GE 752 745kW (1000hp)</p> <p>Mud Pump #2 Manufacturer & Model: Gardner Denver PZ-9 Rated Power: 745 kW (1000 hp) Stroke (mm): 228.6mm (9") Mud Pump Drive: GE 752 745kW (1000hp)</p>
Mud Tanks	<p>Mud System Mud Tank Capacity: 105m³ Number of Tanks: 2 Trip Tank Capacity: 5.50 m³ Precharge & Mix Pumps: 3 x HALCO Supreme 5x6 w/ 11" Impeller's Agitators: 6 x Sew - Eurodrive Type RF87 c/w 7.5hp motors & 1 1/8" shaft Pill Tank Agitator: 1 x Sew - Eurodrive Type KF47 c/w 5hp motor & 1" shaft Degasser: 762mm Vessel w/ 76mm Inlet & 203mm Outlet</p>
Shale Shakers	<p>Shale Shaker: 2 x Swaco Mongoose</p>
Generators	<p>Generator Drive: 2 x 12V2000 Detroit's Generator Size: 2 x Marathon 630 kW Generator Drive: 1x Series 60 14 litre Generator Size: 1 x Stanford</p>
B.O.P	<p>BOP Stack Diameter: 228.6mm BOP Pres. Rating: 21,000 kPa. EUB Class: Class 3 Nace Trim c/w One Shaffer Annular with two Shaffer single gates</p>
Accumulator	<p>Accum. Manufacturer: Control Tech 6 station Accum. Volume 654 litres 120 gallon Accum. Pump: 30hp Omni Triplex</p>

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Drill Pipe	Drillpipe: 3500m x 23.35 kg/m, 101.6mm X-95 Premium D.P. w/ 31/2" Tough Torque Threads 355 jnts Drill Pipe / 25 jnts Hevi-wate Drill Pipe 31/2 IF Conn
Drill Collars	2 x 228mm D.C.'s w/ 6 5/8 " Reg. Threads 20 x 165mm D.C.'s w/ 4.5" XH Threads
Doghouse/Water/Fuel Comb.	Water Tank Capacity: 84 m ³ Fuel Tank: 25,000 Litres
Block	Block Model: 250T Block Capacity: 250 Ton
Top Drive	Top Drive Model: Tesco HMI Top Drive Capacity: 250 Ton

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