



SPECIFICATION SHEET FOR
DR800 Mk2
 25/02/2008

Drill Mast	9 mtr pull capacity with main winch Drill angles from vertical to 45 Deg 6.6 mtr traverse stroke	Water Pump	FMC Bean 535 Water 140 Ltrs/ Min @ 70 Bar Adjustable speed control
Dump Mast	1600mm	Rod Breakout	Hydraulic operated Rigid 48" stillson
Diesel Engine	Cummins 6BTA 5.9 130kW @ 2200 RPM	Rod Clamp & Slips	Hyd operated, self energising rod clamp Easy removable jaws by customer Common jaws from 44.5 to 177.8mm Suits drop-in slips table for rod clamp 224mm rod clamp opening 300mm mast foot bottom opening
Rotation Head	McCulloch design two speed top head drive. High - Low manual gear change Stepless speed control 3 - 360 Low Speed 360-1400 High Speed Floating Spindle design, splined drive Oil Jet lubricated gears & bearings Airblast oil cooler & filter fitted to mast To suit 4 1/2" rods- 3 1/2" API spindle	Wireline Winch	Capacity of 1300m of 6mm wire rope Max pull 8.0 kN (bare drum) Max Speed 220m/ min full drum Adjustable maximum speed control
Rotation output	5100 Nm @ 3 - 100 rpm 510Nm @ 1000 rpm 364 Nm @ 1400 rpm	Hydraulics	Highest Quality Hyd Pumps & Motors 1 x closed & 2 x open loop hyd circuits 10 micron beta return filters Hi-Flow hoses & control valves High pressure pump filtration High flow oil cooler on engine radiator
Head Traverse	Hydraulic Cylinder over ropes 2:1 ratio Max Speed 50.0 m/min upwards Max Speed 30.0 m/min downwards Hydraulic rotation head sideways racking	Rod Handling Boom	Hydraulically operated variable boom Swivels & folds to offside Handles all mast angles 45 to 90 Deg Rated capacity 250 Kg SWL Pull Master hydraulic winch on boom
Feed System	45 kN Push down 120 kN (12 Tonnes) Pull back	Rod Spin Guard	Cages off rotating rods from operator Hydraulic interlocked with rotation head Reduces speed to <100 RPM when open
Main Hoist	Mast top mounted single line pull Max pull 10.0kN Max (10 Tonnes) Max speed 120 m/min Failsafe Brake (spring applied) Load sense hyd motor allows max speed Failsafe brake mechanism (spring applied)	Rod Carry Rack (Optional Extra)	Tray Mounted on right hand side Nominal capacity 20 x 6m x 89od pipe
Main Hoist Travel Limiter	Stops hoist at an adjustable set point Slows hoist speed above that set point Stops hoist plug being pulled onto drum		

Specifications may change at any time without notice.