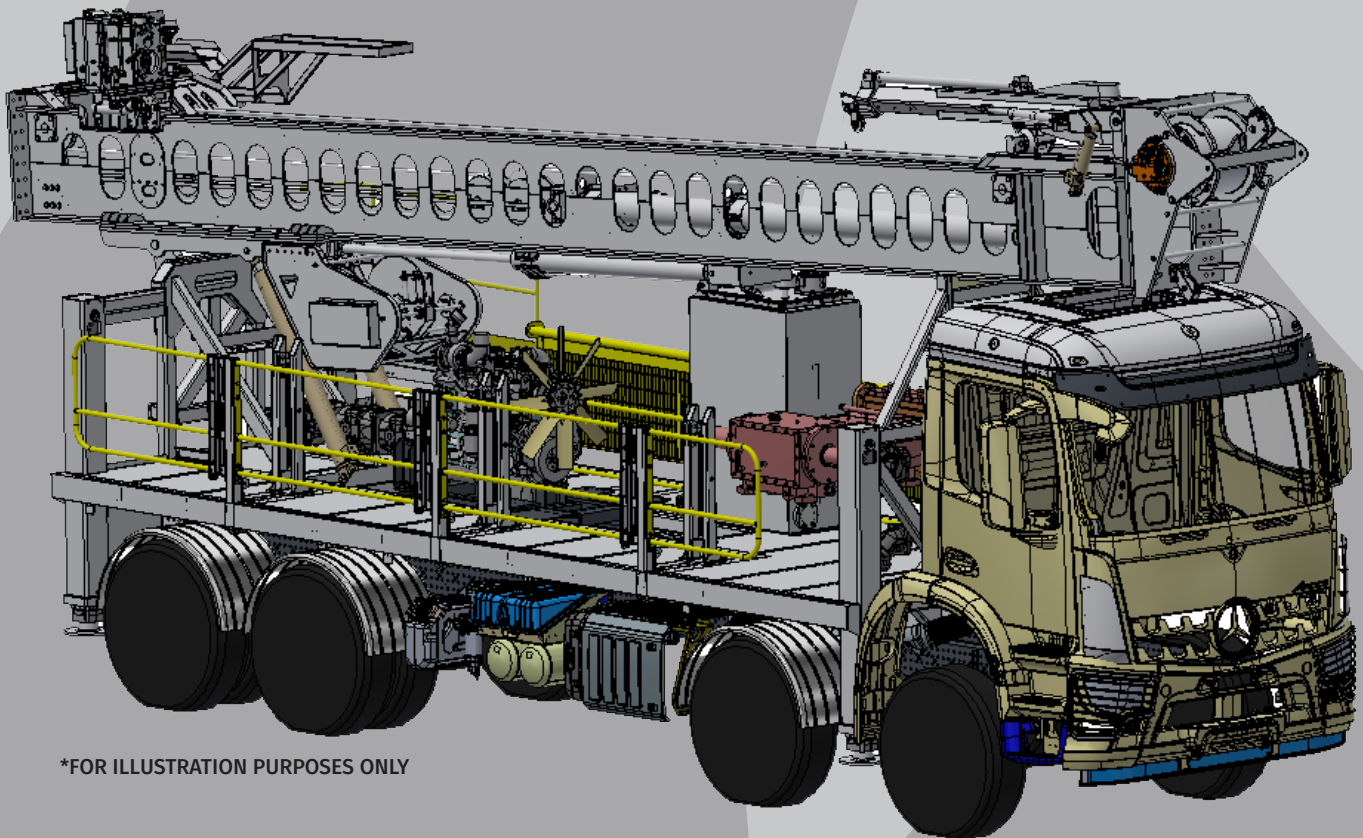




McCULLOCHS

DRILLING & BORING

INTRODUCING THE MCCULLOCHS | DR1200



*FOR ILLUSTRATION PURPOSES ONLY

24T PULLBACK

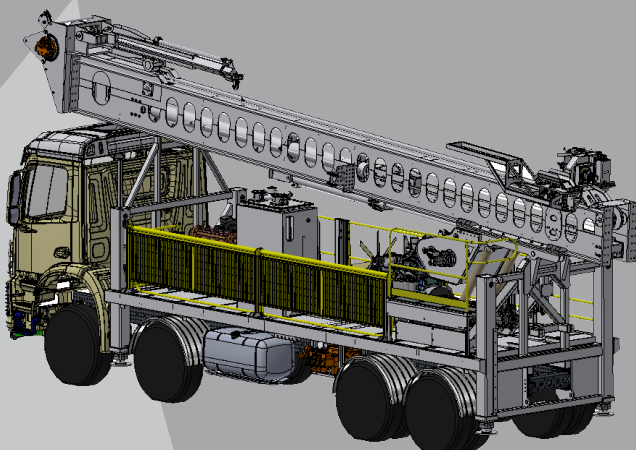
RENOWNED MCCULLOCHS MAST DESIGN

22T MAIN WINCH

3200M NWL

2250 HWL

1450 PWL



BRAND NEW MODEL

Taking orders now!

- www.mccullochsdrilling.com.au
- sales@mccullochs.com.au
- (03) 5445 6900

SPECIFICATIONS

Drill Mast

- 9.8M Pull Capacity with main winch
- Drill angles from vertical to 45 deg
- 7.2M traverse stroke

Dump Mast

- 1600mm

Diesel Engine

- Cummins QSL9
- 325 horsepower @ 2100 rpm – 243kW
- Max 84db

Rotation Head

- McCulloch design two-speed top head drive
- High – Low manual gear change
- Stepless speed control:
 - 10-200 low speed
 - 200-1200 high speed
- Floating spindle design, splined drive
- Oil Jet lubricated gears & bearings
- Airblast oil cooler & filter fitted to mast to suit 3 1/2" APT spindle RPM indicator

Rotation Output

- 11000 Nm @ 10-100rpm
- 1000 Nm @ 1200rpm

Head Traverse

- Hydraulic Cylinder over ropes 2:1 ratio
- Max Speed 65.0m/min upwards
- Max Speed 50.0m/min downwards
- Hydraulic rotation head sideways racking

Feed System

- 113kN (11.5 Tonnes) Push down
- 239kN (24 Tonnes) Pull back

Main Hoist

- Mast top mounted single line pull
- Max pull 22 tonnes
- Max speed 128m/min
- Load sense hydraulic motor allows max speed
- Failsafe brake mechanism (spring applied)
- Depth Capacity (ground conditions depending)
 - 3200m NWL
 - 2250m HWL
 - 1450m PWL

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

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Control Cabinet

- Separated main control levers with deadman safety interlocks
- Digital engine & rig telemetry readout: feed rate, head traverse travel distance, rotation pressure, pump flow, rotation rpm, engine temp, engine horsepower etc

Electrical

- All electrical IP67 rated

Water Pump

- FMC Bean W1122BCD
- Water 140L/min @ 70Bar
- Adjustable speed control
- Flow displayed on digital readout
- cameron gauge for pressure readout

Rod Breakout

- Hydraulic operated cylinder

Rod Clamp & Slips

- Hydraulically 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
- 380mm mast foot bottom opening

Wireline Winch

- Capacity of 3300m of 6mm wire rope
- 8mm cable also available
- Max pull 25.0 kN (bare drum)
- Max Speed 40m/min full drum

Hydraulics

- Industry leading brand hydraulic equipment
- Industry's best practise designed hydraulic system
- Offline filtration and cooling
- 4 x quick connect couplings for auxiliary equipment
- Quality filtration system to extend service life
- High flow oil cooler on engine radiator

Rod Handling Boom

- Hydraulically operated variable boom
- Swivels & folds to offside
- Winch interlock optional
- Handles all mast angles 45 to 90 deg
- Rated capacity 250Kg SWL
- Pull master hydraulic winch on boom

Rod Spin Guard

- Cages off rotating rods from operator
- Hydraulic interlocked with rotation head
- Reduces speed to <100RPM when open

Optional Extras

- Rod Rack (hydraulic Extending) 20x6m x 114OD pipe
- KWL Rod Handler (Wireless remote control)
- Safe-T-Spin Rod Spinner
- Superfoot make/break
- 1250/350 onboard compressor
- M16/M18 FMC High flow/press mud pump, hydraulic drive
- G&D 5x6 Mud pumps, hydraulic drive
- Wireless remote for operator drilling functions
- Data logging/mobile GSM real time drilling parameters
- Sound suppression of compressor and rig engine 84db @ 3m
- Available truck mounted on a number of 8x8 & 8x4 trucks
- Also available on tracks
- High flow remote oil cooler
- Slips tables with Hydraulic spanner
- High volume water/mud/air delivery system
- Operator panel – arm allowing the operator to choose where they operate the machine from, allowing for separation of up to 3m from the drill string
- Custom modifications

* Specs can be changed / updated at any time without notice