

DR950

TECHINCAL 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 QSB 6.7
- 190 horsepower @ 1700 rpm Diesel Engine

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 3 ½" APT spindle RPM indicator

Rotation Output

- 5100 Nm @ 3-100 rpm
- 510 Nm @ 1000 rpm
- 364 Nm @ 1400 rpm

Head Traverse

- Hydraulic Cylinder over ropes 2:1 ratio
- Max Speed 23.0 m/min upwards
- Max Speed 20.0m/min downwards
- Hydraulic rotation head sideways racking

Main Hoist

- Mast top mounted single line pull
- Max pull 10.0kN Max (10 Tonnes)
- Max speed 90 m/min
- Failsafe Brake (spring applied)
- Load sense hyd motor allows max speed

Rod Breakout

- Hydraulic operated RAPSPAN

Main Hoist Limiter

- Stops hoist at an adjustable set point
- Slows hoist speed above that set point
- Stops hoist plug being pulled onto drum

Water Pump

- FMC Bean 535
- Water 140L/min @ 70Bar
- Adjustable speed control
- Flow Meter

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
- 381mm mast foot bottom opening

Wireline Winch

- Capacity of 1300m of 6mm wire rope
- Max Pull 8.0kN (bare drum)
- 850m of 8mm wire rope
- Max Speed 220m/min full drum
- Adjustable maximum speed control
- Archimedes Screw Cable Layer
- Failsafe brake (spring applied)

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
- Handles all mast angles 45 to 90 deg
- Rated capacity 250Kg SWL
- Pull master hydraulic winch on boom

Rod Spin Guard

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

Drilling Depths

- NQ up to 1250m
- HQ up to 900m
- PQ up to 600m

Optional Extras

- Rod Rack (hydraulic Extending)
- Acoustic Engine Cabinet
- Wireline Winch top limit stop
- Foam/washdown pump
- Hammer oil pump
- Special Hydraulic needs
- KWL Rod Handler
- Make Break foot
- Sandvic Rod Spinner
- M1836 Mud Pump
- Data Logging
- Wireless control
- Onboard Air
- Custom modifications

CONTACT

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BUILT TOUGH FOR AUSTRALIAN CONDITIONS

DR950

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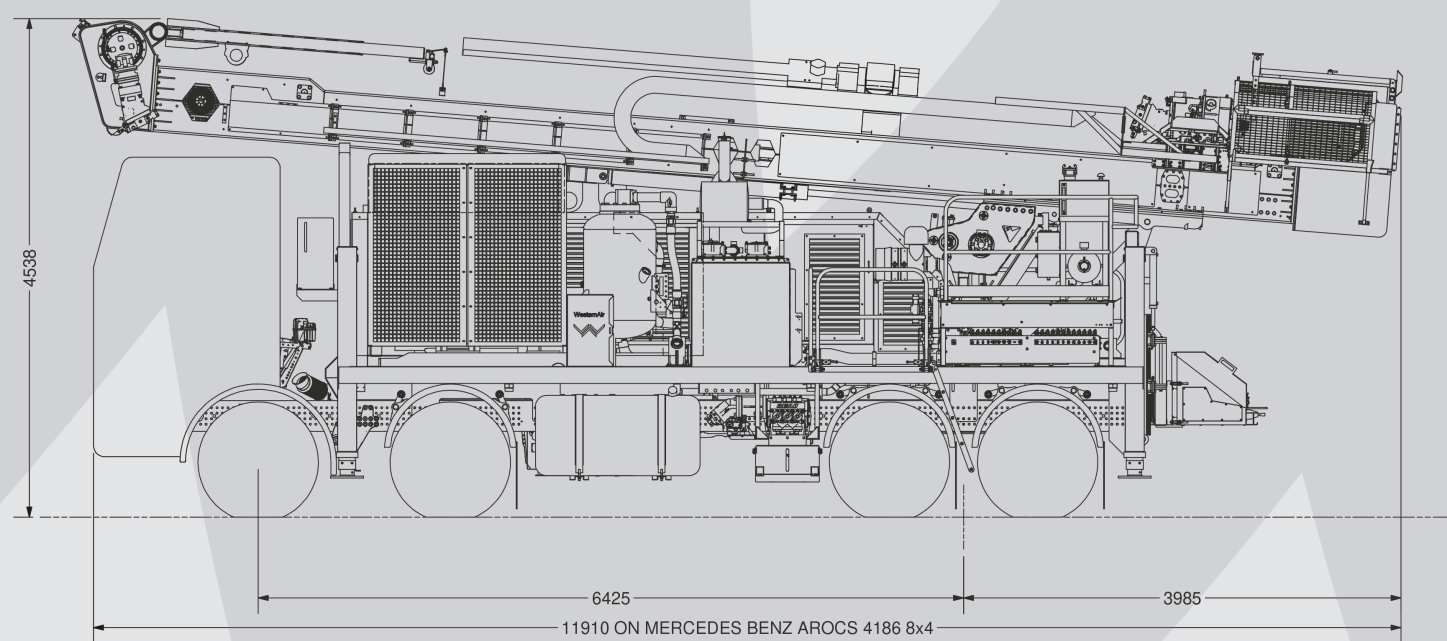
PRODUCT OVERVIEW

The DR950 design comes with a much higher running efficiency, ensuring optimum productivity and less down time.

- Operators can quickly alternate between RC and Diamond Drilling.
- The Mast design is the best in the business and delivers a very rigid beam, designed to survive the most severe drilling conditions and is certified to crane Mast Specifications.
- The DR950 is now available with an onboard air package and can be customised to suit your specific needs.
- It also comes with the option of a Rod Handler which can fit Rods into the Drill String, regardless of the Drill Angle. With a focus on increased safety and technical applications the DR950 has been designed to be the market leader in its class.



TECHNICAL DRAWINGS



DR950 BUILT TOUGH FOR AUSTRALIAN CONDITIONS

