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Improved safety and productivity

DESIGNED FOR SAFETY

BASED ON PROVEN DURABLE LM™
HARDWARE

VERSATILE AND EFFICIENT

OPTIMISES CANBUS TECHNOLOGY

ROD HANDLER CAPABLE

Advanced Underground Coring Technology from Boart Longyear Drilling Services

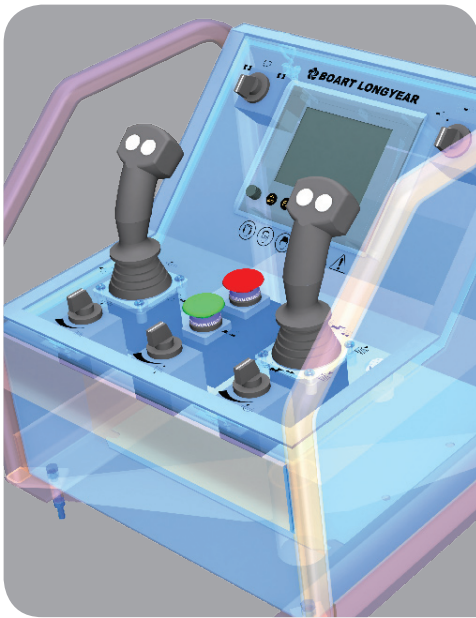
Boart Longyear® Drilling Services has developed and is now operating a fleet of newly designed mobile drill rigs across Australia. Given the success in Australia we are now deploying MDR rigs into the North American Market.

Based on proven underground running gear and the robust construction of this rig means it will excel in the most demanding conditions.

ADVANTAGES

- Fast set up time
- Ability to handle wireline and conventional drilling
- Less manual handling for increased productivity and safety
- Heavy duty design with exceptional stability in the toughest conditions
- Up to 7 tonnes pull-back capacity
- Ability to drill under electric or diesel
- Lower fuel consumption and reduced emissions
- Easily maintained with self-diagnosing CANbus control system





DIMENSIONS AND WEIGHT:

Dry Weight approx: 19,000 kg
Length: 10,800 mm
Height: 2,770 mm
Width: 2,000 mm

Wheel base: 3,650 mm
Track: 1,650 mm
Ground clearance: 390 mm

BOART LONGYEAR IS A LEADING PROVIDER OF:

GLOBAL DRILLING SERVICES

EXPLORATION TOOLS AND EQUIPMENT

ROCK DRILLING TOOLS AND EQUIPMENT

GEOTECHNICAL AND ENVIRONMENTAL TOOLS AND EQUIPMENT

CONSTRUCTION AND STONE TOOLS AND EQUIPMENT

Mobile Drill Rig "MDR"

MULTIPLE DRILLING METHODS

- Wireline and conventional drilling

ENGINE

- OM904LA Tier 3
- Output of 110kW/ 2200 rpm / min
- Catalytic ECS exhaust gas puffer

TRANSMISSION

- Hydrodynamic transmission
- Dana powershift with three speed forward and reverse

OPERATOR'S PANEL

- Self contained and ergonomically designed for ease of operation
- Integrated hydraulic rod making & breaking increases productivity and maximises drill rod life
- Simple, logical user interface for ease of service

AXLE

- 176 Dana

BRAKES

- Hydraulic power assisted - circuit oil immersed multidisc brakes in both axles

ROD CLAMP

- Hydraulically powered — BQ rod to HWT casing jaw sizes

SELF CONTAINED

- Carries rods, water pump, tools and safety equipment on board

DRILL DATA ELECTRICAL

- Electric motor: 1000V / 75kW / 50HZ (LM™ 75)
- Hydraulic pump output: 285 bar / 210 l/min
- 75m trailing cable
- 37kW Flygt pump starter

DRILL DATA DIESEL

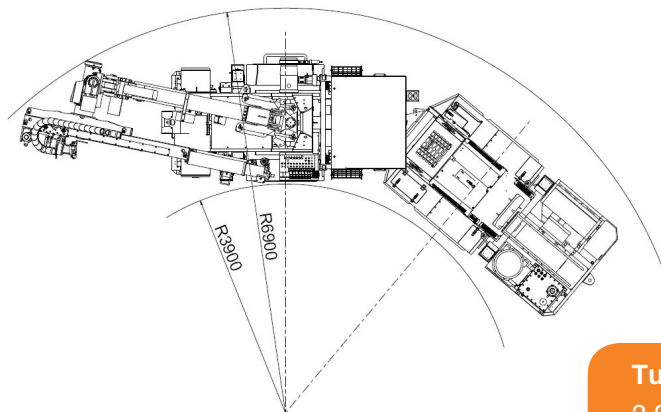
- Diesel motor: 110kW / 2200 rpm
- Hydraulic pump output: 285 bar / 143 l/min / 2200 rpm
- Fuel capacity 220L

DRILL DATA ELECTRICAL/ DIESEL

- Air blast or water cooled
- HV/Engine faults can be displayed on operator control panel
- Electric over hydraulic CANbus system with self-diagnosing capability, which makes fault finding simple for all.

DRILL CAPACITY

- Hole dip: -90 to +90
- Rod Sizes - ARQLW to HRQHP
- Hole direction: 360°
- Drill can be tailored to meet the needs of the each drilling program with many different standard LM™ components and a pull back capacity of 7 tonne
- For short hole 0-50m a stinger is attached to the feed frame, for fast, safe setup



Turn Radius:

3,900 mm (internal)
6,900 mm (external)

All photographs are representation, actual equipment may not be exactly as shown. Boart Longyear is constantly striving to improve its products and must, therefore, reserve the right to change designs, materials, specifications and price without prior notice.

THE WORLD OF BOART LONGYEAR

Visit our website at www.boartlongyear.com for a representative near you.



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Drilling Services

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