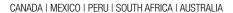


Ore Flow

Water Cannons | Blockholer Drills | Rockbreaker

OUR COMMITMENT TO MINING SAFETY AND PRODUCTIVITY RUNS DEEP.







Features:

Self-stowing boom for ease of tramming

Self-propelled 4 wheel drive articulated MacLean Mine Mate 977 carrier

11,000 L (2900 gal) tank

2,800 l/min (750 gpm)

Radio remote system for tram, boom and pump control

OPTIONAL FEATURES/EQUIPMENT:

Remote video system

Available auxiliary hydraulic pump for water sprayer system (ramp wash-down)

The Master Blaster

Rugged and reliable, the MacLean WC3 Water Cannon is designed to eliminate ore flow blockages and elease trapped reserves in drawpoints brows without endangering mine workers. It also provides auxiliary capability for a range of other water applications, and Integrated Radio Remote Control with video that allows tramming and spraying operations to be conducted from a safe distance.

Benefits:

- Release drawpoints hang-ups in safety and without explosives
- Stope wash-down application to work as water scaler for bringing down potential loose ground
- Dust suppressant for mucking stope or muck piles
- Ancillary water spraying application with three or four-spray boom systems
- Increased productivity with a one-person operation
- Accelerates development cycle



Features:

- Fully contained diesel utility drill; no air or water services necessary
- Remote explosive loading capability
- Highly versatile drill feed configuration
- Reliable, proven power train components
- Onboard 900L (238 gal) / 400L (106 gal) water tank (BH3)

OPTIONAL FEATURES/EQUIPMENT:

- Radio remote control (RRC) option with video
- Remote explosive loader



Ore flow facilitators

Rugged and reliable, the MacLean BH2 and BH3 Blockholers are designed to eliminate ore flow blockages in drawpoints without endangering mine workers. Integrated Radio Remote Control (RRC) allows tramming, drilling and blasting operations to be conducted from safe distances.

Also available: medium and high-reach secondary reduction drills (SB9 and SB12).

Benefits:

- Oversize is fragmented at source, minimizing drawpoint damage and ore flow
- Productivity improvements through elimination of non-productive boulder re-handling
- Boom configuration enables multiple boulders to be drilled f om one set up
- With RRC system, can drill and charge hang-ups with operator never exposed to the risks of rock fall or runs of muck
- Provides auxiliary drilling capability for service holes and rock bolting



Features:

Self-propelled four wheel drive articulated carrier

Lateral seat traverse and all-round visibility for better operator control and comfort

Joystick control for superior ergonomics

Heavy duty breaker (5000 ft-lb/6800 j) with excavator style boom and swivel mount

Dozer blade for movement of debris

OPTIONAL FEATURES/EQUIPMENT:

- Radio remote control option
- Optional dust suppression system



The groundbreaker

Safe and efficient b eaking of oversized ore is of prime importance for sustained underground production and profitabilit, particularly in block and sub level cave mines. The RB3 mobile rockbreaker is the latest addition to the MacLean fleet of o e flow equipment and, with it, companies now have a one-stop solution for all their bulk mining needs. Combining MacLean-quality ruggedness and performance with industry-leading ergonomics and all-round operator visibility, the RB3 is truly a groundbreaker.

Benefits:

- Fragments oversize at source without damage to drawpoint infrastructure, minimizing blockages in the ore flow system downst eam
- Eliminates non-productive boulder re-handling by LHDs
- Reduces LHD maintenance costs and improves LHD availability
- Increases stope area productivity
- Provides real-time rockbreaking capability without need for explosives and associated negative effects of blasting on mine infrastructure and ventilation



To learn about the

MacLean 360 Promise
Customer Support
Program, visit
macleanengineering.com

OUR COMMITMENT TO MINING SAFETY AND PRODUCTIVITY RUNS DEEP.

CANADA | MEXICO | PERU | SOUTH AFRICA | AUSTRALIA

macleanengineering.com

info@macleanengineering.com

SM-102 | BR | Issue 1-v.1.0

