

MOBILE MANUFACTURING UNITS (MMUs)

E Series - Emulsion Unit



PRODUCT DESCRIPTION

BME provides a full range of locally manufactured Mobile Manufacturing Units (MMUs), which cater for all surface mining and quarrying applications. BME's MMUs are capable of pumping and auguring the full range of BME's bulk explosives. All MMUs are designed to operate in the demanding environments encountered during normal mining operations. Design parameters include all necessary safety control systems, as well as ease of operation, maintenance, and reliability. BME's MMUs are SABS approved and meet all transportation of hazardous goods legislation (European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)).

PRODUCT FEATURES

APPLICATION

The application of the MMU (E series) is in opencast mining and quarrying operations, with a requirement for emulsion bulk explosives products.

FEATURES

- PumpPro Pump Safety system for guarding against dead-head and dry-running
- Closed-loop hydraulic control system guarantees product quality
- Suitable chassis with all standard safety selected for rugged on-bench conditions

DESIGN FEATURES

- Closed-loop hydraulic system
- Independent pump safety control system (PumpPro)
- Maximum pump rate of 340 kg/min on 160 – 310 mm hole diameter
- Maximum pump rate of 140 kg/min on 89 – 127 mm hole diameter
- In-cab control system

PUMP SAFETY FEATURES

- Independent electronic PumpPro pump safety system monitoring and controlling down hole product pumps against:
 - Dead-head
 - Dry-running
 - Low and high pressures
 - High temperatures
 - In-line bursting disc

