

## MAXICHARGER T3000

Rail bound

### PRODUCT DESCRIPTION

The MaxiCharger is one of a range of compact charging systems developed for use with BME's INNOVEX™ UG emulsion formulations. BME's Mobile Pump Model 2 utilised on the MaxiCharger is a positive displacement pump designed to deliver emulsion and sensitising solution simultaneously through the charging lance where it is sensitised to form an explosive on entering the blasthole.

Due to the low energy requirements necessary for the operation of BME's mobile pump technology, the MaxiCharger can be powered through a range of energy sources while maintaining a rate of delivery equal to that of mechanised emulsion technology. This places the MaxiCharger in a class of its own and allows the unit to function with an independent hydraulic power pack driven by an electric motor, air or hydro-power.

In order to eliminate down time and the possibility of lost blasts BME's MaxiCharger has been designed to facilitate the operation of two Mobile Pumps on a single charging unit. These are in turn controlled through BME's new Intelligent Control and Recording system (ICR) that allows a pre-determined mass of emulsion to be loaded per blasthole.

## PRODUCT FEATURES

### APPLICATION

Primarily for use in the underground development environment.

### FEATURES

- Double mobile pump system
- Increased reliability and reduced down time
- Low maintenance costs
- Low capital requirements
- High flow rate
- Short lead time for manufacture
- ICR – Intelligent Control and Reporting

### DESIGN FEATURES

Emulsion tank capacity	3000 kg
Sensitiser tank capacity	40 L
Water tank capacity	100 L
Pumping rate	45 kg/min
Drive systems	Electric/Air/Hydro
Max hose length	15 m (¾" – 1")
Compatible emulsions	INNOVEX™ UG Emulsions
Pre-set mass of emulsion/hole	

### PUMP SAFETY FEATURES

- Inherently safe pump technology
  - Safe in instances of dry running
  - Safe in instances of dead heading
- Pressure bursting disk
- Failsafe control system
- Charging lance flushing system

