

# FILLING STATION

BME's Filling Station is designed to operate in conjunction with BME's Portable Charging Unit (PCU) in narrow reef mining operations. Filling Stations are permanently located near the entrance to operating sections and refilled through the use of mobile transfer cassettes. Through BME's 'Closed Emulsion System', Megapump emulsion is pumped from the Filling Station into re-useable emulsion bags for distribution to working places where the bags are connected to the PCU to load the blastface. The stability of the Megapump formulation is fundamental to the success of the 'Closed Emulsion System', preventing the generation of waste through the transfer of emulsion and the contamination of emulsion before entering the PCU.



## Technical Information

- Safety release on bag filling head
- Emulsion tank capacity                    3000 kg
- Drive system                                    Pneumatic
- Minimum operating pressure            3 Bar
- Compatible emulsions                      Megapump Emulsions

## Design Specifications

- Low maintenance requirements
- Low capital outlay
- Intrinsically safe pump operation in instances of:
  - Dry running
  - Dead heading
- Short lead time for manufacture