

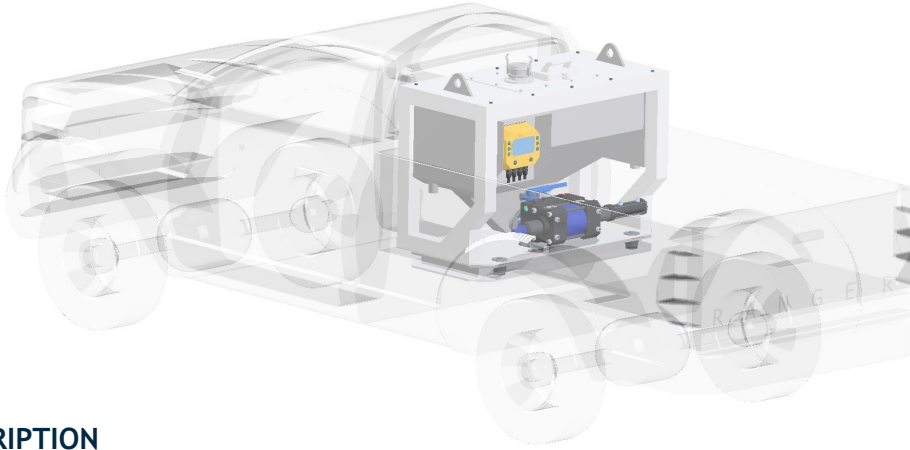


PICKUP

PUMPING
UNIT



PICKUP MOUNTED PUMPING SYSTEMS FITTED WITH STATE-OF-THE-ART PUMP AND CONTROL SYSTEMS FOR OPERATIONAL TRANSPARENCY



PRODUCT DESCRIPTION

The PICKUP pumping system has been designed for robustness and flexibility throughout underground and surface mining operations. The compact design allows the vehicle to undertake small scale blasting operations with speed and flexibility without losing traveling and standing time for larger vehicles such as MMUs. This makes the PickUP ideal to use in secondary blasting applications, wall control blasting or during cap blasting operations.

The PickUP is designed to fit on either a site pick-up trucks and is able to carry a payload of 400kg or 800kg. The unit can also be mounted for light operations on underground mining vehicles. By using the BLASTTRACK™ control system, the operator can set the charging mass to an accuracy of 10g to ensure the necessary blast results are achieved in precision blasting operations.

For optimal safety, product consistency and machine availability in loading operations, SMARTFLOW™ positive displacement pump technologies are recommended throughout emulsion loading operations. SMARTFLOW™ pumps are designed as standalone explosive manufacturing units eliminating frictional heat build-up through a reduction in contact area delivering emulsion, sensitizer and acid in pre-set ratios. Single pump and double pump charging units are available with integrated condition monitoring to facilitate preventative maintenance.

BENEFITS

- Easy manoeuvring over any mining surfaces
- Can be used for surface or underground mining operations
- Does not interrupt the charging time line when secondary blasting has to take place.
- Higher production rates
- Significantly improved safety through SMARTFLOW™ positive displacement diaphragm pump technology
- Low capital outlay due to compliancy with any single cab truck.
- Reduced complexity and down-time of charging unit

DESIGN FEATURES

- Designed in an 800kg or 400kg carrying capacity.
- Compatible with a ½” - 2” charging hose
- Fitted with iMining’s BLASTTRACK™ control system improving safety and operational transparency through operator ID, loading trends, flow rates, pressures and real-time failure analysis.
- Transparency over charging fleet location & utilisation, product quality control, product consumption and individual operator performance