



SMARTTANK™

UNDERGROUND
PUMPING SYSTEMS



BLAST SMARTER

CONSISTENCY, ACCURACY & LIVE LOADING REPORTS

PRODUCT DESCRIPTION

SMARTTANK™ Loading Systems are available in range of capacities & are purpose built to suite the Underground UV carriers selected by our customers. Pump configurations are available with single or dual product delivery lines for high speed loading in rapid development operations.

SMARTTANK™ loading systems offer significant benefits through the the integration of SMARTFLOW™ pump technologies, purpose built for the explosives environment. SMARTFLOW™ pumps offer the ultimate in safety, energy efficiency & reliability in loading operations.

Live monitoring of loading operations is made possible through the iMining BLASTTRACK™ control system, prompting operators of out of spec. pumping conditions throughout the loading cycle. Loading data & quality reports are routed directly to supervisors where variation reports allow for a clear comparison of planned vs. actual performance at the face. This practice systematically reducing operator non-conformances during the loading operations.

SMARTFLOW™ pumps are designed as standalone explosive manufacturing systems that deliver multiple preselected densities for emulsion, sensitizer and hose lube during loading operations, reducing maintenance & improving blast outcomes.



DESIGN FEATURES

- Cassette capacity & geometry optimized to customer requirements
- Single & Dual pump systems available for rapid loading rates in high speed development
- SMARTFLOW™ pump technology with a combined product delivery rate < 120 kg/min
- BLASTTRACK™ control system for on demand loading reports
- Compatible with Gassed & MB sensitized product formulations

BENEFITS

- Purpose built to meet customer specifications
- Increased system availability through dual pump redundancy
- SMARTFLOW™ pump technology for enhanced safety, energy efficiency & reduced operating costs
- 'Plug & play' design for maintenance efficiency
- Compact systems with low capital outlay and reduced operating costs
- Oversight of fleet utilization, product consistency / consumption and individual operator performance