



SMART TRUCK™

BLEND
TRUCK

iMINING
BLAST SMARTER

SMARTGPS, VARIABLE RECIPE LOADING, LIVE FIELD REPORTS



PRODUCT DESCRIPTION

iMining SMARTTRUCK™ BLEND trucks are available in a nominal capacity of 20 tons with variable prill to product ratios built to customer specifications.

Integrated with iMining BLASTTRACK™ smart control and SMARTGPS technology, mine management have on-demand access to live loading reports from the block, while operators are equipped with the tools to optimize loading configurations through the delivery of variable prill to emulsion ratios to achieve optimal energy distribution in every blasthole.

Loading data & quality reports from the block are immediately available to responsible managers while variation reports are

are used to track planned vs. actual performance, systematically reducing non-conformances throughout loading operations.

The SMARTTRUCK™ BLEND truck is designed for integration with a suite of safety and performance sensors, including the iMining SMARTDENSITY™ meter for the live monitoring & flagging of emulsion density on the block.

Additive tank capacities & chassis specifications are built to customer requirements & product mixing ratios are optimized to achieve individual customers requirements.

BENEFITS

- Live reporting through BLASTTRACK™ smart controller
- Import variable energy blast designs for optimized energy distribution in the blast
- RTK GPS for high accuracy hole position data
- Reduce opex costs with energy efficient SMARTFLOW™ pump for emulsion loading
- Live inventory & operator performance reporting
- Integrated SMARTDENSITY™ meter for QC monitoring

DESIGN FEATURES

- 20 ton nominal product capacity (combined)
- Emulsion flow rate < 450 kg/min
- Auger flow rate < 900 kg/min
- SMARTFLOW & Orbit pump selectable
- Accessible low reach boom - hydraulic
- 900mm (3 feet), 70 degree tank access ladder
- Air actuated handrails
- Remote control with HMI Device within 40m radius