



HIGH ACCURACY RTK GPS



## PRECISE ENERGY PLACEMENT

### PRODUCT DESCRIPTION

The **iGPS** is a high accuracy RTK iGPS system specifically designed for the exacting demands in drilling & blasting operations. The **iGPS** provides centimeter level accuracy in blasthole position increasing precision in the design & execution of blasts.

During logging & loading operations the **iGPS** integrates directly with the **BLASTTRACK** pump control system to monitor true hole position & collect data such as depth, condition, hole flags & timing design prior to the start of loading operations.

Integrate multiple **iGPS** rovers to allow for rapid logging & syncing of individual hole data to the **BLASTTRACK** Online Platform. In loading **iGPS** systems immediately identify individual blastholes for automatic recipe selection & mass delivery. Pumping data & positions are automatically recorded for each blasthole providing for accurate energy distribution modelling & quality assessment in post blast analysis.

The **iGPS** is available in the **BLASTTRACK** remote HMI & as a USB-C plugin module for external attachment to compatible Android devices. Join the precision revolution with and elevate your drilling and blasting operations to new heights of accuracy and efficiency. Contact us today to unleash the full potential of **iGPS** technology.



### DESIGN FEATURES

- Easily upload blast designs from your existing blast design software through our online API. Available in **BLASTTRACK**
- HMI & external USB-C plug in module for Android devices
- Local connection to **iGPS** base station for cm level accurate hole positioning
- Automatic integration into **BLASTTRACK** Online & pump truck control systems
- Automatic identification of hole ID for the execution of pre-allocated loading patterns
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### BENEFITS

- Integrated high accuracy positioning & identification of blastholes
- Precise positioning data for the management of drilling compliance
- Compare planned vs. actual energy distribution in the blast to improve loading patterns
- Simplify data collection & loading precision with automatic hole identification through the loading cycle