PRODUCT DESCRIPTION

BLASTGRID™ provides an innovative blast design tool for use in underground tunnelling operations. Easy to use, detailed and precise, BLASTGRID™ allows the blaster to interact with multiple 2D and 3D views of complex designs to manage burden size, drilling angle and dimensional compliance.

Download rock and product profiles directly to BLASTGRID™ for accuracy in your design and analyse the design through recognised theoretical calculations. Auto generate inventory requirements and blasting cost reports.

By using Artificial Intelligence, BLASTGRID™ allows the user to quickly analyse a blast design, and examine the timing sequence of the blast.

Data obtained through BLASTGRID™ is uploaded and readily available in the cloud for real-time access of pre-blast information. The analysis of pre-blast data from drilling and loading allows for identification of underperforming crews to improve overall mine performance.

Monitor blasting efficiency of tunnels through the integration of BLASTGRID™ design software, BLASTAR™ marking, drilling and charging software and BLASTTRACK™ explosives loading software!

DESIGN FEATURES

- Fast AI assisted blast designs
- Precise burdens and spacings with auto generated collar and charge placement
- Online rock and explosives profiles to assist in the design process
- Collar, toe and 3D view
- Pre-approved blast design guide repository for selected round designs
- Unique blast ID and job card issued per face

BENEFITS

- Eliminates the time previously required to design a blast
- Allows for better stock management through precise explosive mass and timing sequence per blast hole
- Monitoring of crew performance to compare planned vs actual metrics
- Improve predictability of blast results
- Improve dimensional compliance and hanging wall control
- Display and simulate blast timing and connecting sequence prior to blast