

BlastManager Pro

Blasting Operations, Digitized

📱 Android 🏢 AMW Mining & Allied Services 🌐 amwmining.in

BlastManager Pro is the industry-standard mobile application for mining blast operations. From pattern design to post-blast analysis, it digitizes the entire blasting workflow — eliminating paperwork, reducing errors, and ensuring full DGMS compliance.

! The Challenge

Manual blast planning leads to calculation errors, inconsistent charge weights, missed DGMS filings, and safety incidents. Paper-based records are lost, damaged, or filed late.

✓ Our Solution

BlastManager Pro puts the entire blasting workflow in your blaster's hands — from bench measurement to final DGMS report submission, all offline-capable.

Key Features

Purpose-built capabilities for the mining industry



Blast Pattern Design

Interactive pattern layout with hole positioning, burden/spacing optimization, and bench geometry mapping.



Charge Calculation

Automated explosive charge calculation with stemming verification, sub-drill allowance, and powder factor analysis.



Vibration Prediction

Pre-blast vibration forecasting using site-specific attenuation models and historical data calibration.



Post-Blast Analysis

Fragmentation analysis, muckpile profiling, backbreak measurement, and seismograph data capture.



DGMS Reporting

Auto-generated statutory reports formatted for DGMS submission including Form G Explosives Register.



Offline-First Design

Full functionality without internet. Data syncs automatically when connectivity returns. Works deep underground.



Impact & Results

Measurable outcomes from real mining operations

60%

Reduction in paperwork

3x

Faster DGMS filings

99.7%

Calculation accuracy

24/7

Offline capability

Ideal For

- ✓ Open-cast coal mines
- ✓ Limestone quarries
- ✓ Iron ore mines
- ✓ Granite quarrying
- ✓ OPC and CPP operations

Ready to Transform Your Mining Operations?



Contact us for a live demo and see how BlastManager Pro can work for your mine.

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