

ROCKMA

- Underground solutions

*Complete solution
with office and
machine software*

Rockma provides solutions for all forms of underground drilling, from stand-alone software to complete machine control systems

Can be retrofitted to drill rigs without advanced data collection system to modernize and extend the life cycle. Standalone office software that can be used to visualize data from various existing drill rig brands.

All types of drilling for exploration, tunnelling, and mining:

- ✓ Exploration drilling
- ✓ Probe drilling
- ✓ Pre-grout drilling
- ✓ Production drilling
- ✓ Bolting

System contains (Machine control + MWD + Rock property interpretation):

- ✓ Full drill monitoring
- ✓ Full boom navigation
- ✓ Software package for machine and office
- ✓ Comprehensive reporting
- ✓ Live drill information via WiFi
- ✓ Dashboard
- ✓ Rock properties in detail
- ✓ Functionality for integration and data export
- ✓ Training and support



ROCKMA SOFTWARE SUITE

– built to cover the needs of tunnel projects and mines



Visit
rockma.com

Rockma Office – office software

**Open all data from different drill rig brands,
advanced rock interpretation from drill log data**

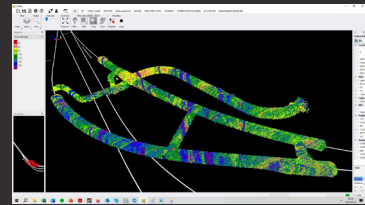
- Import of mining maps and design files
- Import av scanning results
- Design drill patterns
- Machine management for all drill rigs
- Real-time communication with machines- live status
- Send messages between offices and machines
- Event management
- Flexible and customized report generation
- Production statistics and follow-up
- Dashboard – Web based production reports
- Server och database
- System integration with other platforms

Rock properties from drill monitoring (mwd):

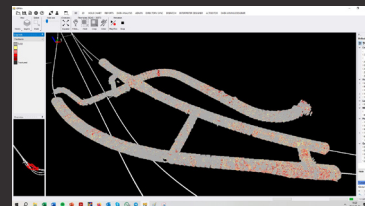
- Hardness/Rock strength
- Fractures/homogeneity
- Water condition

Which gives:

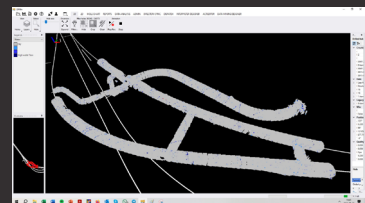
- Geomechanical differences in the rock mass
- Geotechnical and rock mechanical information
- Weakness zones, fractured structures, cavities
- Rock conditions for bolting, reinforcement and anchoring
- Injection need
- Geomechanical differences in ore/waste rock
- Layer sequences



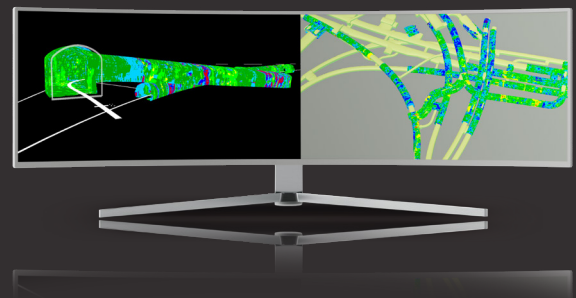
Hardness/Rock strength



Fractures/homogeneity



Water condition



Rockma Drill – software for drill rigs

- Full machine control
- Drill patterns in 2D and 3D
- Monitor quality and performance
- Log consumables
- Customized time codes
- Real-time rock properties
- Send messages from machine to machine or office

ROCKMA
Know your ground

ROCKMA started its operations in 1999 and has since sold hundreds of systems to the mining industry, both surface and underground mining, tunneling projects, geotechnical investigations, diamond drilling, quarrying, etc. For over 20 years, our accuracy in rock mass analysis has been verified after every blasting done with our applications. We specialize in rock property interpretation, but the products have evolved over the years and we now offer comprehensive solutions for various production applications.

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