



ROCK™ N ROLL - Fully Mechanised Underground Roll Mesh Handler



ROCK™ Australia is pleased to announce the ready-for-market and patented 'Fully Mechanised Roll Mesh Handler Unit' for use in underground surface supports; a system that is compatible and can be retro-fitted to all standard multi-boom underground drilling equipment. The new system offers significant cost and safety benefits over current practice.

The surface support of underground excavations where personnel are exposed is a statutory requirement in Australia. Currently, the ground is generally supported with sheet mesh products (typically 3.0m x 2.4m panels) to secure material between the designed bolting patterns. In comparison, a number of advantages are achieved in the use of a roll mesh system (3.5m x desired length):

- Significantly quicker installation time (indicative cycle time saving of 20%+)
- Material cost saving as roll mesh requires less overlapping
- Elimination of manual handling and personnel exposure reducing risk and improving safety

- Improved quality with flexible mesh contouring more closely to the rock surface reducing unravelling/bagging of material in voids

ROCK™ in partnership with Geobruigg®, an established international provider of rockfall and stabilisation protection systems, provides:

TECCO® mesh:

For poor or seismic ground condition, this high-tensile steel wire mesh has proven its performance and suitability for the application as rock burst support or support for high-deformable ground during static and dynamic tests at the Western Australian School of Mines (WASM). Due to the high-tensile wire strength and ability for high deformation of the high-tensile mesh, this ground support

system can be used in high stressed environments.

DELTA®:

A standard mesh product comparable to sheet mesh specification suitable for general ground conditions.

ROCK™ in conjunction with Geobruigg® offer:

- Supply only of product and handler
- Supply only of product and hire of handler
- Full supply and installation

Following successful trials, ROCK™ is now working with a number of clients in integrating the new system into their current development process.

For further enquiries please contact Shane Brown or Roy Coates, +61 8 9472 2100,

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