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August 2001

BLAST DESIGNER 32 Version 3 software by Altongate Ltd

Rockface profiling software with the following features:-

- Fully implemented Windows® application, (WIN XL/2000/98/95)
- Multiple site operation
- Complete survey and blasthole design system complies with UK Quarries Regulations 1999 ACOP
- Blasting Specification Appendix 2.
- Primary hole profile plus extra side profile burdens displayed in section and front view together with plotted hole position
- Hole deviation survey support using outputs from
- **PULSAR BASTHOLE PROBE, HAND HELD PROBE & ROCK MONITOR**
- Manual input from hand held inclinometers & compass
- Multiple rows of holes – Multiple Back markers
- Individual burden and sub-drill designs
- Profile, plan and face view plots - All views simultaneously visible
- Special pre-drill survey design tools for changing hole position and angle to optimise burdens
- Drill log automatically generated with hole positions and drill angles etc
- On screen user measurements on all views
- Position of Face laser measurements shown in plan and front view to check profile alignment with position of blasthole
- Blast location on full National Grid datum quarry plan
- Vibration prediction at design time
- Drill Size selection with automatic burden limit calculation
- Moving/still/slow motion playback video clips of blast
- All measurements shown directly on plots
- Automatic archive library filing system
- All raw survey data archived
- Compatible for use with existing **PULSAR MEASURING SYSTEMS REFLECTORLESS LASER EQUIPMENT**
- Burdens only calculated from actual measured data and shown on the profile in red, black or blue according to the pre-set minimum, best and maximum burden value together with depth down the hole.
- Charge design with decking – Shot summary sheet - Automatic calculation of explosives cost per tonne - Hole diameter correction – Individual hole charging sheets
- Total explosive usage reports -Blast ratio and powder factor – on line context sensitive help

There is no annual licence fee for Blast Designer software
Price includes unlimited telephone and e-mail support.