


ROCDRILL

QUARRY DRILLING LASER PROFILING BLAST DESIGN ENVIRONMENTAL MONITORING

Rocdrill Ltd has been providing high quality services to the quarrying and civil engineering industries throughout Ireland since 1996 and previously as part of A S Ballantine Ltd. quarry owners based in Donemana, Co. Tyrone. A S Ballantine carried out contract drilling for a number of years when it was decided to purchase a new semi automatic drill with a cabin in 1992, the first of its kind in Ireland.

As part of a planned expansion, we now operate four fully self-contained high performance drilling rigs, which represent the latest in drilling technology. Operating in some 30 quarries, Rocdrill is one of the leading drilling contractors in Ireland, providing a high level of quality assured service and expertise to clients.

Understanding quarry management and desired blast results gives Rocdrill a leading edge over our competitors. We believe we can work with our customers to achieve the most efficient blast design for the entire production process.



The benefits for our customers include:

- Complete Drilling & Blasting capability.
- Reduced oversize - less secondary breaking.
- Increased production from existing crushing facilities.
- Controlled vibration for sensitive sites.
- Lower overall production costs.

Main Services offered:

- Quarry Drilling & Blasting.
- Civil Engineering Drilling & Blasting.
- Crushing.
- Laser profiling & blast design.
- Rock sampling.
- Vibration Monitoring.



Continuous investment in the latest drilling equipment ensure that environmental concerns are addressed by excellent fuel economy, low noise and efficient dust collection with water suppression.

In addition to our own rigorous Health and Safety procedures, all personnel are fully trained and have undergone the SPA Safety Passport course approved by the Health and Safety Executive.

Current equipment inventory:

- | | Hole size |
|--------------------------------------|---------------|
| ■ Atlas Copco L85F New January 2008 | 110mm - 250mm |
| ■ Atlas Copco F9CR New February 2007 | 90mm - 115mm |
| ■ Tamrock Ranger New August 2006 | 35mm - 127mm |
| ■ Atlas Copco L6 New November 2005 | 90mm - 140mm |

In addition to excellent fuel economy all the above machines are fitted with electronic hole depth and inclination systems to ensure the highest accuracy possible. A laser level can be used automatically with this system to ensure perfectly level quarry floors.


Drilling probe holes at Belfast sewer.



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The latest GPS technology (above) is used on our rigs to ensure angled holes are parallel. This is a great advantage especially when working at night or in poor weather conditions where other methods cannot be used accurately.

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Water tanks fitted to all rigs (above) allow the use of foam to stabilize the hole when drilling broken formations. It can also be used to help control dust in environmentally sensitive sites.

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The sampling device fitted here (above) enables accurate samples of rock to be collected to establish grade or quality of rock at varying depths.



Rocdrill offer a diverse range of services to meet and solve any challenge.
Previous contracts include;

- Drilling horizontal probe holes in tunnel.
- Rock removal with expanding grout.
- Trench blasting.
- Environmental monitoring holes to 250mm dia.
- Geothermal boreholes.
- Landfill.
- Water wells.
- Soil nailing.
- Ground / Rock anchors.



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