

Blasting to improve mill productivity

The process of grinding and crushing ore is, on average, the highest energy step in mining. By focusing on the optimisation of fragmentation from blasting, mines can improve the consistency of the particle size arriving at the mill.

With smaller particles entering the comminution stage you can increase throughput, reduce unit production costs, reduce capital costs and enhance aspects of your social licence to operate such as greenhouse gas intensity per tonne.

Effective Blasting

The use of chemical energy in blasting has been proven to be both energy and cost efficient.

Bulk Systems provide the energy to move a rock mass and reduce it to an optimal size. The amount of energy you need depends on several factors including your geology and end objectives. Orica offers the broadest range of energy with products ranging from less than half, to more than double the Relative Bulk Strength of ANFO.

Electronic Blasting Systems control the movement of energy in the rock mass. Orica's Next Generation systems harness the latest technology to give you greater control.

Our **Blasting Services** aim to generate maximum value for customers through loading productivity and blasting excellence. A complete range of design, modelling, measurement and survey tools predict and measure blast outcomes in all rock types.

The Rock to Spec service combines the full offer to deliver broken rock to agreed fragmentation specifications.

About Orica

Orica is the global leader in commercial explosives and blasting systems, a leading provider of ground support for underground mining and construction projects, and a leading global supplier of sodium cyanide for gold extraction. Our global technical services network of mining engineers, blasting technicians and product support specialists work to improve the efficiency, productivity and sustainability of our customers' operations throughout 130 countries.

Industry Partnership

Orica is proud to carry the Sponsors' Seal of Distinction from the Coalition for Eco-Efficient Comminution (CEEC). The Seal recognises Orica's commitment to improve energy and cost outcomes for mines in the substantive area of comminution.



At Orica, we're committed to developing tomorrow's technologies and solving today's challenges with our customers.

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