

Big Iron is not the only way!



Excavating rock for a construction project or harvesting rock in a quarry application is not for the faint of heart. It takes big machines and big attachments to keep production levels up and the trucks leaving the gate. These monster machines, while effective, have one very significant consideration. They come with big payments and are very thirsty for fuel. The biggest problem is that they require this input of cash and fuel before they do any work and only bring in money 30, 60 and sometimes 90 days later. They also carry the dark cloud of break downs and repairs that lead to lost time, lost production and expensive repairs. The machines themselves are also not adjustable, a large 90-ton excavator is going to keep the same payment and roughly similar fuel consumption regardless if your pulling large slabs, sizing material or stripping topsoil. They also have an impact on your employees, if you run older machines, you can lose operators to competitors with the promise of a more comfortable work environment. It only seems natural to bite the bullet and have the latest and greatest equipment, chalk up the payments as a cost of doing business that both you and your customers all have to deal with and get to work.

What if there was another way, a way to have your cake and to eat it too? Imagine operating a 45-ton excavator and doubling its size when you need it, then return it back to its original size when you don't. You could enjoy smaller payments, less fuel expenses and cheaper repairs because the machines and their parts are more prevalent in the market. This dream scenario allows you to apply additional money only in the areas and in the rock that requires it.

Not only is it possible, its actually a tried-and-true method that is thousands of years old. Explosives have been around for a long time and are a go to option in the aggregate industry. Since the invention of dynamite by Alfred Nobel in 1867, explosives have been improved in both safety and performance to break rock. As our understanding of the mechanics behind rock-breaking have gotten better, explosives have also become better at making large rock very small. In the dimensional stone world however, explosives have a significant downfall. The very shockwave that is used in high explosives compromises the rock and the ability to create a finished product. The question is then how to get the benefits of explosive use in a quarry without the harmful shock and vibration that creates massive amounts of waste?

Insert Nxburst™, a deflagrating explosive that eliminates the damaging shockwave and compressive damage associated with blasting. As the reaction of Nxburst™ is slower than the speed of sound and breaks rock under tension, large slabs can be extracted without compromising the integrity of the rock. This means that slabs going to the cut shop or guillotine won't disintegrate when processed protecting the money you have already invested. In making armour stone commonly used in shoreline work, you can stand behind your product knowing that a freeze-thaw cycle won't destroy a project. We would love to get you acquainted with the best way to produce dimensional stone without breaking the bank or your iron.

Note the solid rock face that is left behind after a Nxburst™ event. Solid rock means less waste and more product for your efforts.

**Nxburst**
ROCK BREAKING CARTRIDGES

High Explosives are Designed to shock and compromise the rock being extracted. There is no solid rock coming out of this face!

Coogar Sales & Services is the proud distributor of Nxburst™ and the Fragmentor™ throughout Canada, US and Mexico and has the stock to meet your demands. With our staff having a practical drill and blast experience we can guide you through even the most delicate of jobs safely and effectively helping you and your bottom line.

Give us a call at (866) 762-5835 or visit www.coogarsales.com