BATTLEFIELD CAT RENTALS

NXBURST™ 12 MM ROCKPOPPER RANGE



NXbursT™ RockPoppers are used for breaking small boulders up to 1 cubic metre in size (used widely in breaking crusher oversize); scale removal in tanks and silos; and small demolition jobs. They require a 14 - 16 mm diameter hole which can be drilled with a hand-held electric hammer drill.

NXbursT™ RockPopper cartridges are available in 2 grams to 6 grams charge-weights in increments of 1 gram.

NXBURST™ 28 MM CARTRIDGE RANGE



The NXbursT™ 28 mm cartridges are used for boulder breaking; armour stone splitting; medium sized concrete demolition; dimension stone quarrying; swimming pools excavation and other sensitive in-situ breaking. The NXbursT™ 28 mm Cartridge was designed specifically for underground applications where 32 mm holes are drilled horizontally. The NXbursT™ 28 mm Cartridge is available in 20 grams to 120 grams charge-weights in increments of 20 grams.

The NXbursT™ 28 mm cartridge requires a 32 to 34 mm diameter hole which can be drilled with a handheld pneumatic drill using a 160cfm compressor.

NXBURST™ 34 MM CARTRIDGE RANGE



NXbursT™ 34 mm cartridges are used for concrete demolition; tunnel and shaft enlargement; trenching and other sensitive in-situ excavations. The NXbursT™ 34 mm Cartridge is available in 20 grams to 180 grams charge-weights in increments of 20 grams.

The NXbursT™ 34 mm Cartridge requires a 38 to 42 mm diameter hole which can be drilled with ahand-held pneumatic drill using a 160 - 400cfm compressor depending upon the number of rock drills to be used simultaneously; or by a small hydraulic drill rig.

NXBURST™ 60 MM CARTRIDGE RANGE



NXbursT™ 60 mm Cartridges can be used for large scale rock excavations; hard-rock trenching; foundation excavation and other sensitive civil rock breaking applications. The NXbursT™ 60 mm range is available in 200 grams to 500 grams charge-weights.

The NXbursT™ 60 mm cartridge requires a 64 to 76 mm diameter hole which can be drilled with a small hydraulic or pneumatic drill rig.

BUZZ-BOX™ BB-75



Capacity Discharge Blasting Machine
The Buzz-Box™ BB-75 is a an advanced, high energy capacitive discharge blasting machine. It operates between 320 VDC @10 joules (minimum) firing energy level to 340 VDC @ 13 joules (maximum).
It has a built in bridge wire testing circuit and numerous safety features. It is capable of firing up to 120 NxBurst cartridges wired in series.

BUZZ-MO™ BC-T 4



BC-T 4 Haptic Bridge Wire Continuity Tester.
It has an astoundingly low (55 micro amps) maximum testing current and a robust feedback. The continuity is indicated via a strong tactile vibration (that is felt through gloves).

nxburst
ROCK BREAKING CARTRIDGES

NXbursT™ Rock Breaking Cartridges provide safe and effective non-detonating rock breaking, boulder splitting and demolition. NXbursT™ cartridge break rock and concrete with minimal fly rock, vibration and noise and are available in 12 mm, 28 mm, 34 mm and 60 mm diameters; and in charge weights from 2g to 500g. NXbursT™ Rock Breaking Cartridges are classified as UN 0432, Articles Pyrotechnic for technical purposes, UN Class 1.4S and have been authorised for use in 26 countries world wide, where they are widely used for civil excavation and mining applications.

Battlefield Equipment Rentals can put a complete package together for your job.

Proudly supplied by Battlefield Equipment Bracebridge location (Ph.: (705) 646-8888), or contact your nearest Battlefield Equipment location at 1-800-RENT-CAT

THE BETTER WAY TO BREAK ROCK & CONCRETE

Breaking rock and concrete in confined or sensitive areas is no longer a problem



NXbursT™ breaks rock and concrete with minimal fly rock, low vibration, reduced noise and requires only localized clearance of equipment and personnel.

NXbursT™ Rock Breaking Cartridges are accepted worldwide as a viable alternative to the use of high explosives. The unique characteristics of the NXbursT™ cartridge make it the product of first choice in any rock breaking application or demolition site in environmentally sensitive areas or in close proximity to existing infrastructure.

NXbursT™ cartridges are available in 12mm, 28mm, 34mm and 60mm diameters; and in charge-weights from 2g to 500g. The large range of sizes and charge weights allow NXbursT™ to be used for a wide range of civil excavation and mining applications.

HOW DOES IT WORK?

NXbursT™ is based on a non-detonating chemical compound contained in a cartridge, which, when initiated, produces high volumes of harmless gas. When the cartridge is sealed in a drill hole the gas pressurizes the hole to split the rock or concrete.

WILL IT BREAK ALL SIZES OF ROCK & CONCRETE?

NXbursT™ cartridges are available in charge weights ranging from 2 grams to 500 grams allowing operators the ability to handle any size of boulder; or large reinforced concrete structures and solid bedrock.

HOW DO YOU USE IT?

NXbursT™ is fast, simple and, most importantly, it is safe. All it takes is to:

1. Drill a hole
2. Insert the cartridge
3. Stem the hole with sand
4. Clear the local area for 50m and fire.

HOW IS THE CHARGE INITIATED?

There are no expensive initiation systems required or special tools needed. Simply attach the cartridge leads to the firing line, which is then attached to a standard shotexploder that sends a current to initiate the cartridges.

IS NXBURST™ AN EXPLOSIVE?

NXbursT™ cartridges have been classified as UN 1.4S under the United Nations Classification of Hazardous Substances, which is the same category as signal flares and fireworks.

IS IT WATERPROOF?

NXbursT™ cartridges are completely waterproof and can be used in wet holes or in underwater rock breaking and demolition.







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