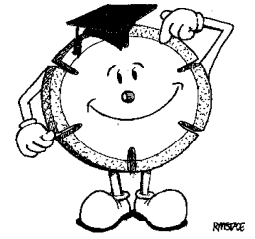


HYPER BLADES



DESIGN PHILOSOPHY

Decades of diamond saw blade use, by millions of users all over the world, has confirmed one vital fact. "There is no such thing as a really efficient general purpose blade for all materials, all machines, and all conditions"

Often requested, this elusive tool remains as rare as ever. Instead, diamond saw blade design engineers have discovered different ways of yielding maximum cutting rates and tool life, from custom developed blades for various operations. Machine horsepower and type, material composition, budget, speed of cut preferences, and many other factors are taken into account when configuring blades.

The amazing central component is man made diamond. Synthesised in modern factories, using secret production facilities, diamond is grown into crystals which can be consistent in shape, toughness and processing damage resistance. Each tooth a marvel of hardness, in it's own right capable of cleaving the hardest concrete or stone.

Using these tiny power houses, High Performance Diamond Technology designs reflect decades of experience in New Zealand.

We aim to lower your costs through shared experience and teamwork.

Work with us.



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"RAT CATCHER" -HCECGP14 BRICKS BLOCKS COBBLES CONCRETE SEAL

As it is with any system, compromise is the name of the blade designer's game. In the contracting and hire businesses, cutting conditions are frequently impossible to forecast for more than a very brief period of time. This lack of certainty promotes the need for relatively inexpensive tools which can cover a wide range of situations. These may vary from cutting bricks and concrete blocks, pavers and cobblestones on masonry saws, to newly laid concrete, asphalt and cured concretes on slab and power cut off saws.

To answer this need, many tests have been carried out on various machines and feedback sought from many operators as to flexibility issues. From this feedback, engineers have designed a no nonsense, high quality, inexpensive specification, which performs creditably in many differing materials and sawing applications.

Good quality diamond teeth combined with a first rate bonding system keep the blade sharp under most cutting conditions, allowing self sharpening to readily occur.

Whilst the performance of HCECGP cannot meet the high performances of purpose designed blades frequently costing a great deal more, it is economical to use the "Rat Catcher" where risk of loss or damage is high, or where cashflow is a major consideration.

In particular it will do well in a hire company situation where rental costs must be reasonable, and where ease of use is important. The flexibility of HCECGP blades allows effective use by relatively inexperienced or novice operators, provided water is available for blade cooling and lubrication.

Importantly, each blade is manufactured with strict quality control, and comes with full instructions for use.

General contractors and hire personnel can depend on this flexible all round workhorse for low costs. Even in the event of some damage, modest cost repair services are available at short notice.

To further support this useful technology, High Performance Diamond Technology runs free one hour diamond sawing seminars designed to increase operator safety and effectiveness.