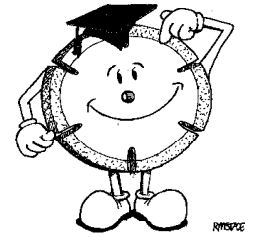


HYPER BLADES



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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"GOLIATH " MULTI PURPOSE POWER CUT-OFF SAWS

This is the blade that everyone wants. A blade to cut everything. An interesting concept, a blade which can be used on all types, sizes and conditions of saws, on a wide variety of materials in the hands of different individuals, under different circumstances.

The vastly differing conditions around New Zealand, required a seriously indepth approach to the subject. Studies had shown that having various blades for various materials is somewhat impractical for many contractors, and a more "flexible" blade approach preferred. What then could be the answer?

"Goliath" is the result of much development with experienced professionals out on the job around New Zealand. The evolution of this flexible cutter for use on high speed cut off saws, permitting a wide range of materials to be cut, without serious compromise to the life or cutting rate of the blade, has taken some 25 years of observation, listening, and diamond tool technical advances, to become a practical reality. It's effective in it's design intention rather than globally efficient.

The need for coolant water, which can be a costly exercise to arrange, has been totally removed, although it's use results in even longer life, especially in arduous cutting conditions such as cutting concrete reinforcements or highly abrasive materials.

The extremely tough design, made possible by high temperature laser welding, increases operator and bystander safety by a considerable margin. This is an essential requirement under the strict Safety and Health laws which require operators to consider the safety of others within proximity of the cutting operation(30 metres approx). Clearly a very tough, flexible blade, is less likely to fly apart under changing circumstances, creating a safer working area for operator and bystanders.

"Goliath" is available in 350and 400mm diameter versions and is considered by many experienced specialists in concrete cutting to be of the finest calibre, at an eminently affordable price. Buy quality with confidence,

you will get what you want from this blade.