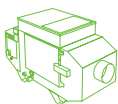


Dimac is Australia's leading CNC Machine Tool Accessory manufacturer & supplier.

Welcome to the new look 'New Additions'. Here you will find the latest product news and advice, specials and more. Explore more at www.dimac.com.au



ENVIRONMENTAL

Freddy takes the nightmare out of cleaning coolant

Freddy Products (UK) industrial coolant recycling machines filter coolant, removing debris, swarf and smaller particulates, and then return for re-use. By recycling coolant you can save money, improve component finish and improve health and safety.

The Freddy range is the most widely used and well established coolant vacuum in the world, offering power, ease of use and longevity.

All Freddy wet vacuums are designed to remove coolant, swarf and oil from machine tool sumps, to separate the particulates and to return filtered coolant for re-use or disposal.

The Freddy Mark V, one the largest models, offers extraordinary versatility, making it indispensable in today's machine shop.

Help protect your employees from WHS issues such as dermatitis, bronchitis and asthma; by choosing Freddy.



TURNING

Quickflex® quick change system reduces tool change time.

WTO QuickFlex®, an innovative flexible tooling system for driven toolholders, minimises initial out-of-pocket tooling costs and dramatically reduces tool change time providing greater long-term flexibility.

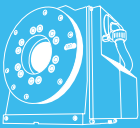
The base unit comes in a straight (radial) or right angle (axial) configuration which, combined with the wide range of adapters available, covers virtually any machining process requirement all in a single system.

Providing an ER collet chuck and quick change system in one toolholder provides a number of benefits including:

- Reduced tool change time
- Quick, easy and safe tool change with a new one-hand wrench
- High long-term flexibility
- Cutting tools can be pre-set while the machine is operating

WTO also offers a quick change starter kit that allows customers to update to the quick change function easily and cost effectively. Step by step the quick change function can be added to further reduce tool change time.





MILLING

Cool Jet provides productivity gains

The standard coolant pressure on most CNC machine tools is usually quite low and therefore ineffective.

Cool Jet will:

- Offer drastic cycle time reduction (20-70%)
- Increase speeds in hole production
- Eliminate heat related failure of insert
- Reduce chip welding and “built-up edge” in aluminum machining
- Better chip control in low carbon steels
- Improve quality and speed of Threaded Holes
- Reduce or eliminate work hardening from peck drilling
- Improve tapping in tough materials
- Increase life of expensive custom tooling
- Improve auto-loading by eliminating chip problems
- Increase tool life in abrasive materials



TURNING

Royal Roto-Shield™ technology significantly increases effective operating life of Live Centres.

The key benefit that Royal Live Centres has over competitor’s products is that their Live Centres come with the exclusive Royal Roto-Shield™. This breakthrough technology significantly increases the effective operating life by keeping out harmful fines, dust and coolant fluid.

Because harmful fines, dust and coolant are deflected and unable to penetrate the centre, bearings are protected and seal wear is minimised.

Benefits include:

- A dramatic increase in operating life
- Lubricating grease lasts longer and retains consistency



TURNING

Shafts Done in One Setup

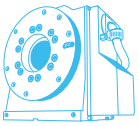
This new model of Face Driver from Neidlein (Germany) delivers much greater flexibility than other brands and models due to the unique new feature of a quick change Drive Disk.

Now changing shaft sizes is simplified and extends the range of shaft diameters that can be handled with one size of Face Driver body.

Benefits of using a Face Driver include;

- Very high concentricity as all diameters are machined in one set up
- No need to turn the shaft around for second operation work; for larger shafts this means no wait time for lifting gear.
- Milling can be performed in mill-turn lathes while using the Face Driver
- High metal removal rates for roughing operations





MILLING

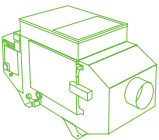
Compromise Costs in the Life of a Vise



The temptation to buy a “reasonably priced” vise for your CNC machine tool can seem very appealing, but it is a mistake compromising on quality. It is likely that you are paying much more than you know during the life of your vise with this compromise on quality.

A superior vise construction ensures the body will not bend or twist in normal use. The moving jaw will employ an effective pull down device developed by the Kitagawa. The materials will be of high quality with care and precision employed in the manufacturing of the vise.

These are key characteristics of the Japanese Kitagawa and Eron range of vises that ensure you maximise cutting speeds and feeds with excellent surface finishes and squareness.



ENVIRONMENTAL

Coolant Saver reduces coolant consumption, improves the bottom line.

The Wogaard Coolant Saver collects cutting fluid from the chip bin and returns it to the machine tool’s main reservoir for re-use. If you have machine tools equipped with automatic chip-conveyors, you can save money by installing the Wogaard Coolant Saver.

The unit is compact and easy to install, with no periodic maintenance required. Powered by the machine tool’s existing on-board coolant pump, no external energy source is needed.



TURNING

Rota-Rack enables your CNC lathes to keep working while you’re sleeping.

The patented Royal Rota-Rack is a lean, cost-effective device that safely collects finished parts as they come off of a CNC lathe, providing a competitive advantage to manufacturers by enabling their machine tools to run unattended for extended periods of time.

The Rota-Rack is reliable, doesn’t take sick days, and will keep your machines running long after your last employee has left for the night or weekend. And with very competitive pricing, the Royal Rota-Rack typically pays for itself within the first few months of use.

Features include:

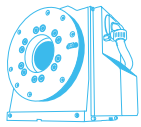
- A unique rotary spiral that safely directs parts to the centre of the turntable
- A low-friction UHMW material covers all contact surfaces for superior part protection
- Can be used to keep parts in order for quality control purposes
- No machine interface is required – unit plugs into a 240v outlet and the operator sets the index functions with a simple touch-screen PLC
- Large capacity – 900mm diameter turntable provides over 5,500cm² of surface area
- Heavy-gauge steel construction enables the Rota-Rack to handle up to 320kg of parts





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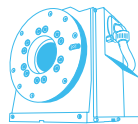


MILLING

In a Titespot? Here is a solution!

Titespot® Angle Heads offer a cost effective alternative to mechanically driven angle heads, particularly where multi-position radial machining or machining in small bores or cavities is required.

Because spindle rotation is not required to power the Eltool angle head, the machine spindle becomes an indexer, allowing multi-position machining with one head and one set-up. The smallest head can machine radially in bores down to 25mm in diameter and suited to milling and drilling.



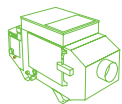
MILLING

The Blue Photon Gripper is your solution to difficult workholding challenges

The Blue Photon System can save you considerable time and money by eliminating the common causes of scrap related to workholding. Labor savings are also realised by simplifying part loading through common fixtures, regardless of part shape. Adhesive workholding simplifies your fixtures and maximises your machine capabilities

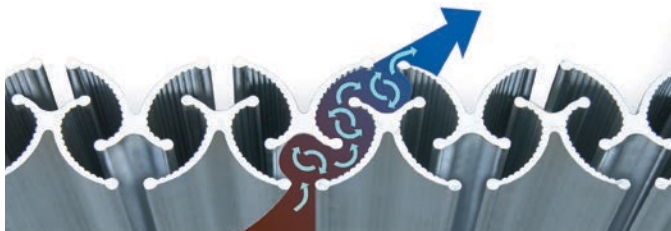
Blue Photon's solutions include

- Grip on Demand
- Holds Complex Part Shapes
- Holds Delicate Parts without Distortion
- Holds Engineered Materials
- Suitable for Prototype Parts & Production
- Ensures Production Savings
- Holds Ceramic Parts



ENVIRONMENTAL

Release of new RJ series Mist Extractor



REVEN®, makers of X-CYCLONE®, has recently introduced the new RJ series mist extractor, the latest in air cleaning of CNC machine tools. Air pollutants such as oils, emulsions, steam, process waste gas and fine dust are all separated from the air. The system works purely mechanically without any auxiliary energy. It can be easily cleaned and contains no disposable components that need to be replaced regularly. Operating and maintenance costs are therefore considerably lower than with conventional air cleaners.



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