



CoolJet solves the problem of low coolant pressure

DIMAC TOOLING PTY. LTD.

69-71 Williams Road, Dandenong South 3175 VIC, Australia.

T: +61 (03) 9771 6121. E: sales@dimac.com.au

www.dimac.com.au



CNC MACHINE TOOL ACCESSORIES



Benefits of high-pressure coolant

- Often drastic cycle time reduction (20-70%)
- Increased speeds in hole production
- Eliminate heat related failure of insert
- Reduced chip welding and “built-up edge” in aluminum machining
- Better chip control in Low Carbon Steels
- Improved quality and speed of Threaded Holes
- Reduce or eliminate work hardening from peck drilling
- Improved tapping in tough materials
- Increased life of expensive Custom Tooling
- Improved Auto-loading by eliminating chip problems
- Increased tool life in Abrasive Materials



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CNC MACHINE TOOL ACCESSORIES

The CoolJet Range

'ECO' SERIES

Provides powerful media free filtration to 5um continuous filtering of your entire machine tool coolant. This unique and exclusive filtration process keeps the machine tool tank clean and provides clean coolant throughout your machine tool.



Significant benefits include:

- Longer coolant life, longer tool life and better surface finish
- A filter for life - no filters to buy, store or dispose of
- Improved chip management
- Increased Speeds & Feeds - Up to 10 Times faster
- Increased Tool Life - Up to 15 Times Longer
- Superior Filtration to Increase Coolant Life
- Improved Part Finishes
- Removes ferrous, non-ferrous and non-metallic particles
- Arrests Bacteria Growth
- Compact Design
- Virtually Maintenance Free
- Improved Pump Life
- Improved Machine Tool Life
- Fast Pay-back
- Environmentally Friendly



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The CoolJet Range

ECOJET

Medium Pressure - **ECOJET 20** - 30lpm (8gpm)
Fixed Flow Unit with 20bar (300psi) pressure.

High Pressure - **ECOJET 70** - 30lpm (8gpm)
Fixed Flow Unit with 70bar (1000psi) pressure.

Both units incorporate the **EcoClean** continuous filtration system and have a small 61x61cm footprint.



ECOCLEAN

The **EcoClean** model can be installed on any machine to solve filtration problems. It provides powerful media free filtration to 5um continuous filtering. It is also suited to grinding applications.

The **EcoClean** model has an even smaller 43 x 30.5cm footprint.



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The CoolJet Range

ULTRAFLEX SERIES

Provides higher flow rates to suit larger tooling orifices or multi-turret turning centres. On-board coolant and dual filtration for quick changeover with integrated transfer pump.



Significant benefits include:

- High Volume
- High Pressure
- Fixed and Variable Flow rate (reduced energy use)
- Improved Chip Management
- Increased Speeds & Feeds • Up to 10 Times Faster
- Increased Tool Life • Up to 15 Times Longer
- Superior Filtration to Increase Coolant Life
- Improved Part Finishes



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The CoolJet Range

THE ULTRAFLEX SERIES

70-36 - 30lpm (8gpm) Fixed/Variable Flow Unit with 70bar (1000psi) pressure.

70-60 - 60lpm (15gpm) Fixed/Variable Flow Unit with 70bar (1000psi) pressure.

55-75 - 75lpm (20gpm) Fixed/Variable Flow Unit with 55bar (750psi) pressure.

140-15 - 15lpm (4gpm) Fixed/Variable Flow Unit with 140bar (2000psi) pressure.

20-75 – 75lpm (20gpm) Fixed Flow Unit with 20bar (300psi) pressure.



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