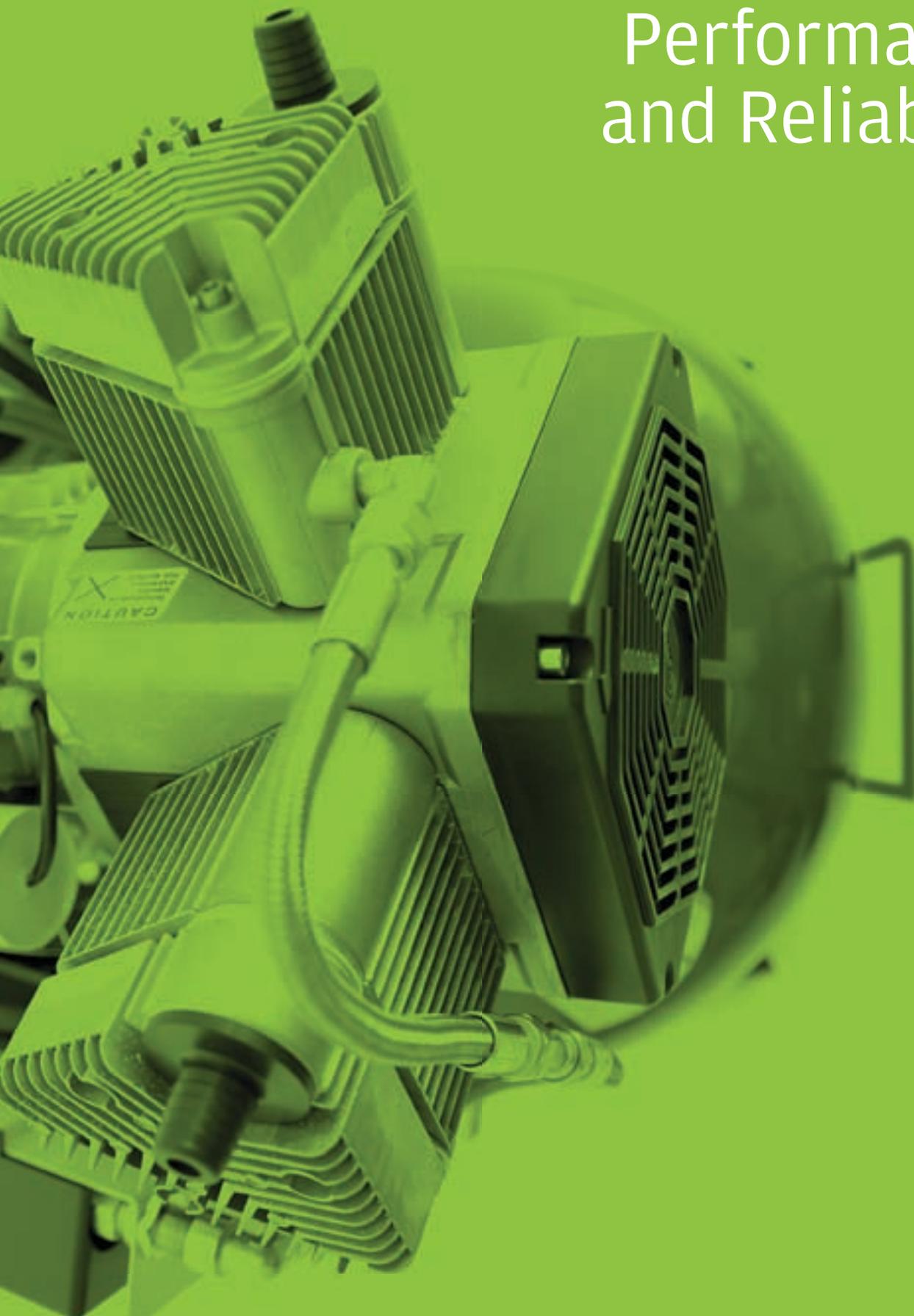


# Performance and Reliability



# Clean, dry air

By Cattani



## The specialists in air technology

Oil-Free Dental Compressors

The range of Cattani compressors gives you reliability and high performance to achieve clean, dry air, all of the time. Our reputation for quality and service is a the result of a specialisation in the field of dental air compressors and suction systems that spans over twenty years.

Our compressors are manufactured in Parma, Italy, under the strictest standards. Each unit is rigorously tested and monitored prior to being delivered to your clinic to give you ultimate confidence from the day you start using it. To back this up, we give each Cattani compressor a 5 Year Warranty and have a dedicated team of people to help you get the most from your equipment.



# A compressor to suit every clinic...

We have a large range of compressors to suit your clinic's requirements, from the single chair practice, right up to systems that cater for hundreds of surgeries.

With four configurations of head available, the single cylinder, 2 cylinder, 3 cylinder and 6 cylinder, we are able to provide a standard range of eight different models.

For clinics with more than twenty surgeries, a Blok-Jet system can be especially produced to meet your individual requirements.

## Acoustic options

All units can be supplied with an acoustic hood (which covers the compressor motor only) reducing noise levels by approximately 10 dB (A).



The K100, K200 and K300 can all be supplied with a separate acoustic cover, which reduces the noise level by approximately 20 dB(A), making it close to silent. These units are designed to be installed inside the clinic.

Units with an acoustic hood and those fitted in an acoustic cover are designed to be installed in an open area (i.e. small room or plant-area) and cannot be covered or installed into a tight area.

All Cattani compressors can be fitted with the Cattani bacterial filter, which is 99.9999+% efficient at 0.01 micron particles. The bacterial filter can be autoclaved and is easily fitted to the drying column of the compressor.

The 'E' series is recommended for humid climates and includes an extra moisture filter, which is fitted prior to the drying column. This simple addition has proven extremely effective and reliable in even the most humid climates.

# Blok-Jet

## Oil-free compressors that meet your every requirement.

The Blok-Jet system is a tailored compressed air system for clinics with over twenty surgeries. Blok-Jet comprises of a series of six-cylinder compressor motors, the number of which is determined by the individual requirements. The system can be manufactured in different formats to suit your space and for access through tight areas, such as doorways.

Designed to provide high security in its supply, the Blok-Jet control panel has a warning system which involves everything from a visual and audio alarm, right up to remote access dial in, meaning we will know if you have a problem before your clinic does. In the event of a problem, the loss of one compressor head represents only a small percentage of the unit's overall capacity, meaning negligible loss of air power to the clinic.

Blok-Jets operate successfully in all corners of the world, including Australia. The flexibility and built-in back-up of this system makes it a clear choice for any large clinic, hospital or training facility.



# Installation

## Plant equipment is only as good as its installation.

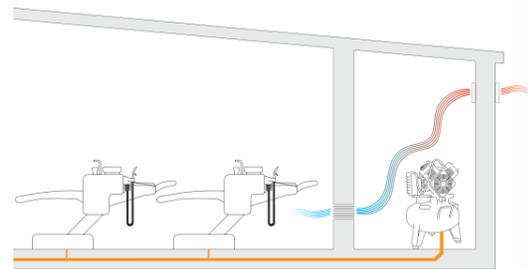
While our compressors do not require a lot in the way of installation, it is important that they are installed correctly and in a suitable environment so you can get the most out of your investment.

### The environment

The life of an oil-free compressor is proportional to the temperature at which it operates. The cooler you keep the compressor, the more years you will get out of it. Keeping the temperature down can be achieved by either ventilating the plant-area with fans, or by air-conditioning a sealed enclosure or room.

You should speak with your dealer about the most practical and beneficial way of ventilating or controlling the temperature of your plant-area. In most cases it is not difficult, but in all cases it is worthwhile.

As oil-free compressors are internally air cooled, the environment should be relatively clean. Furthermore, the plant-area should be accessible for servicing and maintenance.

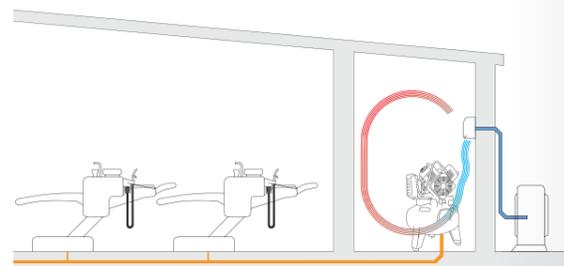


### The ultimate solution: a sealed and air-conditioned plant-room

The ultimate installation of your plant-equipment is in a sealed plant-room, with a dedicated air-conditioning system. This allows you to control the operating temperature as well as reduce noise emitted from the plant-area by sealing off the plant-area or enclosure.

Call our technical support team to speak to us about designing your plant-area and ventilation system. We're here to help.

**NB:** Your plant-area cannot be connected to your centralised air-conditioning system, as it will heat the room in winter. Speak to your dealer for information and options on how to ventilate or air-condition your plant-area.



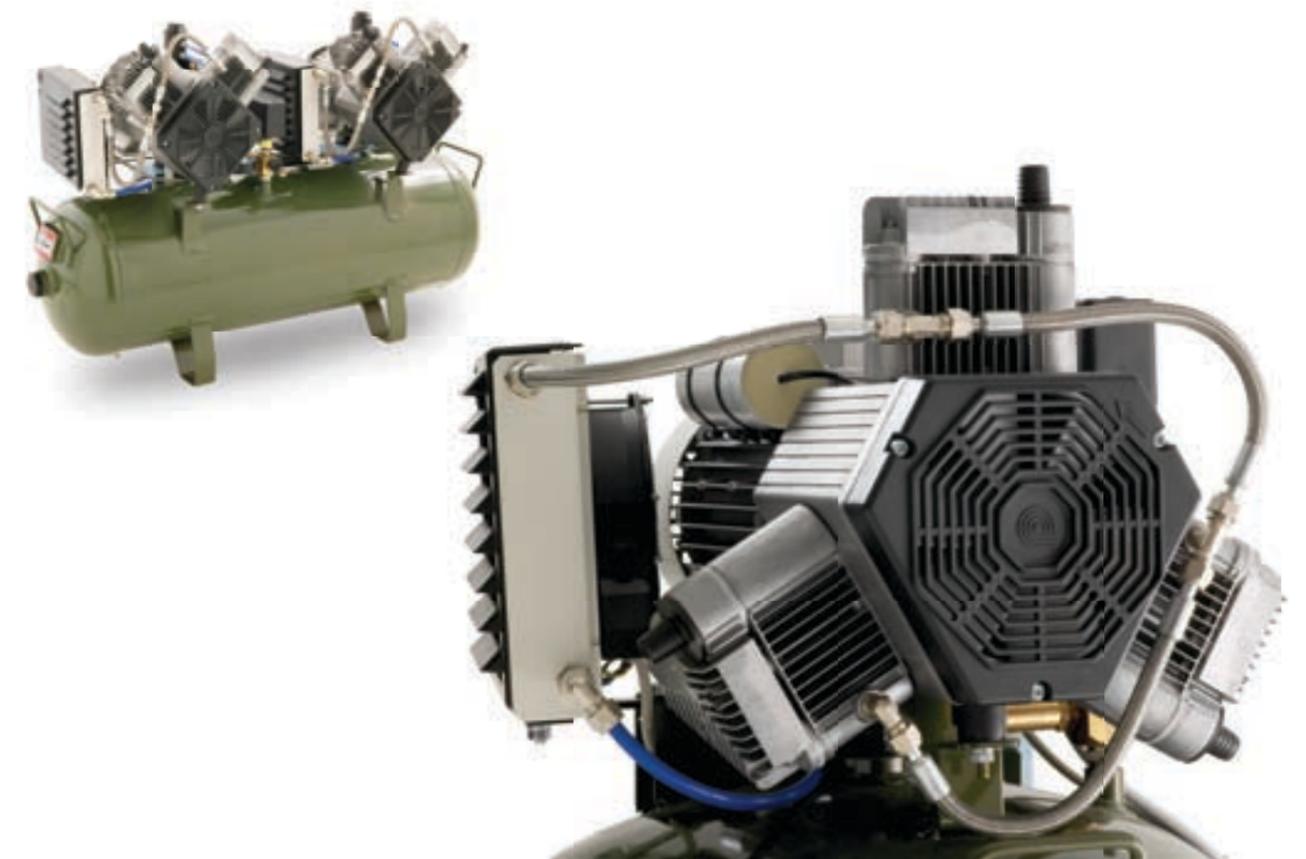
# Selecting the right model

Your dealer will work with you to choose a model that suits your practice best. In selecting the correct size of compressor you should consider how much air your clinic is using, taking into consideration all things that draw on the compressed air supply. In many cases it can be a lot more than just your handpieces.

Model	K100	K200	K300	K400	K500	K900	K1200	K1800
No. of surgeries*	1	2-3	3-4	5-6	7-8	Up to 12	Up to 14	Up to 20
L/min @ 5 bar pressure	67 N l/min	160 N l/min	238 N l/min	320 N l/min	476 N l/min	714 N l/min	952 N l/min	1,428 N l/min
Tank capacity	24 l	50 l	75 l	100 l	150 l	300 l	300 l	300 l
kW	0.55 kW	1.25 kW	1.5 kW	2.5 kW	3 kW	4.5 kW	8 kW	12 kW
Noise level	70 dB(A) Q - 63 dB(A) C - 51.5 dB(A)	71 dB(A) Q - 63 dB(A) C - 51.7 dB(A)	73.6 dB(A) Q - 68 dB(A) C - 51.85 dB(A)	73 dB(A) Q - 63.8 dB(A)	74 dB(A) Q - 70.4 dB(A)	75 dB(A)	77 dB(A)	78 dB(A)

\* These are general recommendations. Please consult your dealer to calculate which size compressor will be right for your clinic.

**NB:** All models are available in the 'E' series (K100E, K200E, K300E, etc) for humid climates.



# We're here to help!

Whether it is assistance with planning your plant-room, designing your compressed air piping, or discussing any aspect of your clinic's air requirements, we're here to help.

All Cattani compressors are covered by a 5 Year Warranty, and we have a dedicated customer service team to help you get the most from your equipment. Speak to your dealer for more information on how we can best help your clinic.

For more information please visit our websites:

[www.cattani.com.au](http://www.cattani.com.au) and [www.cattani.co.nz](http://www.cattani.co.nz)



## CAPS - Controlled Atmosphere Protection System

**Keep it cool and quiet.**

CAPS is a sealed, weatherproof plant-room designed to house your Cattani compressor and Turbo Smart suction system. The unit is fitted with an air-conditioner, and is lined with acoustic foam to reduce noise levels. It is also supplied with keyed locks and an internal light. The standard CAPS unit is designed to house either a K200 or K300 with Turbo Smart. Special units can be produced upon request.

Please contact your Cattani dealer for further information.

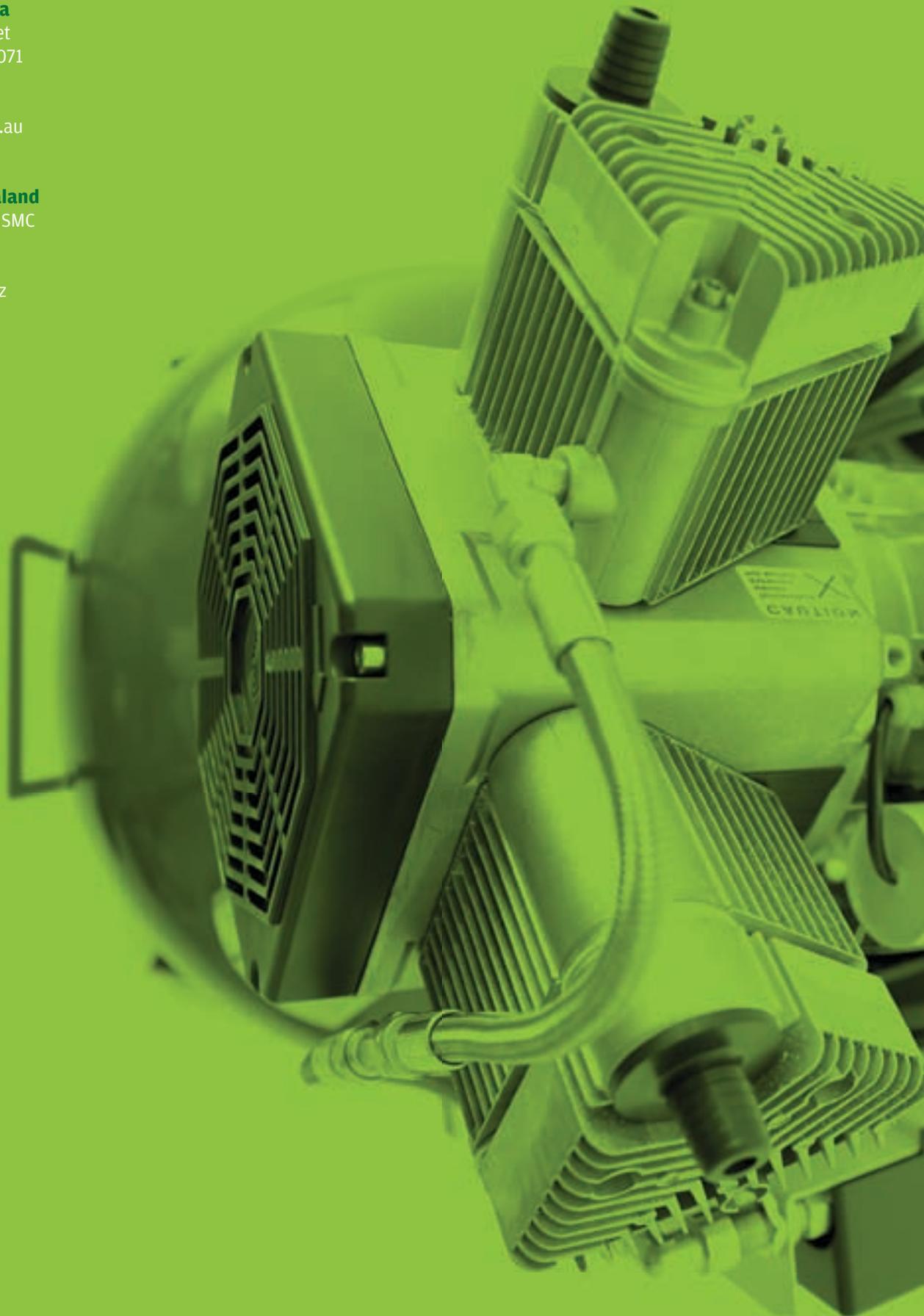


**Cattani Australia**

280 Dundas Street  
Thornbury, VIC 3071  
T: 03 9484 1120  
F: 03 9484 4052  
[www.cattani.com.au](http://www.cattani.com.au)

**Cattani New Zealand**

PO Box 100063 NSMC  
T: 0800 68 22 88  
F: 0800 69 22 88  
[www.cattani.co.nz](http://www.cattani.co.nz)



**CATTANI**

air technology

...because we're the specialists