



your dental equipment sales, service and training partner

cattani

oil-less
compressors





OIL-LESS COMPRESSORS

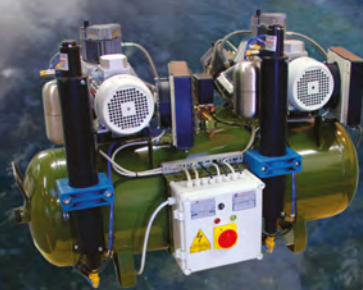
Generate the power

Cattani oil-less compressor technology is so reliable it's been used by the NASA Space Shuttle Program to analyse air quality from launch pad to outer space.

Back on Earth, Cattani compressors are hand-built and quality checked at every manufacturing stage, producing high performance systems at affordable prices. Air receivers are Teflon® coated for durability and to ensure a high grade, air storage facility.

Cattani oil-less compressors are supplied with a 5 year guarantee for all components (subject to servicing terms and conditions). They are extremely reliable compressors, ideal for dentists requiring a space-age power solution.

The driving force for 1 to 100 chairs



OIL-LESS COMPRESSORS

Features and benefits include:

- Precision design for superior performance
- Oil free, which can:
 - Increase life-span of air-driven equipment
 - Improve success of cementation and bonding procedures
 - Reduce healing failures
- Provides extremely high purity, dry, compressed air
- All tanks are internally coated to maintain air quality
- Extensive range to suit any situation and surgery
- Cost-effective air delivery
- Dryer and noise reduction options:
 - Acoustic hood lowers by about 10dB(A)
 - Acoustic cabinet lowers by about 20dB(A)
- Additional sterilising filter, which is 99.9999+% effective at 0.01 micron particles
- Outstanding reliability
- Simple, low maintenance
- 5 year guarantee for all components (subject to servicing terms and conditions)
- NHS compliant (*).

• Compressed Air

The air compressor is one of the most important pieces of equipment in any dental surgery. The success of a dental practice is dependent not only on the reliability of the compressor but, also the quality of the air it supplies. It is of paramount importance for protecting patient and staff health, not to mention maximising longevity of dental equipment and handpieces.

Cattani Oil-less Compressors have an outstanding reputation for reliability and durability. Complete with drying system and a set of filters, they supply clean, dry, compressed air of extremely high quality and purity. With a sterilising filter, air is treated with an efficiency of 99.9999+% on 0.01 μ m particles.

• Single Surgery

The Cattani C100 Compressor is designed for single surgery use. This 1 cylinder model has a desiccant drying system to ensure the efficient delivery of clean, dry air and is supplied with a high quality SMC pressure switch. Variations are available with dryer and, noise reduction options.

• Multiple Surgeries

Cattani's comprehensive range comprises of 2, 3 and 6 cylinder, twin or triple head compressors, depending on the scale and performance that multiple surgeries require:

- C200: 2 cylinder for 2 surgeries
- C300: 2 cylinder for 3 surgeries
- C400: 3 cylinder for 4 surgeries
- C600: 2 cylinder tandem for up to 6 surgeries
- C800: 3 cylinder tandem for up to 8 surgeries
- C1200: 3 cylinder triple for up to 12 surgeries
- C1600: 6 cylinder tandem for up to 16 surgeries
- C2400: 6 cylinder triple for up to 24 surgeries
- Blok-Jet: 6 cylinder for 25+ surgeries.

All Cattani Compressors are supplied with a high quality SMC pressure switch and, use a desiccant drying system rated for continuous flow. Varying sizes of drying systems are available for the different compressor sizes.

The Company's Blok-Jet systems are designed for use by organisations with over 100 dental units, for example, hospitals, large health centres, university faculties and teaching facilities. Blok-Jet consists typically of 6 cylinder compressor heads, assembled into one or more common frames, a centralised drying system and control panel.



• Noise Control

Not only do Cattani Compressors lead the industry in terms of unbeatable performance and reliability, they are some of the lowest noise oil free compressors available. Acoustic hoods and cabinets can reduce noise levels by a further 10dB(A) and 20dB(A) respectively.



• Accessories

An extensive range of accessories is available to enhance the various compressor systems and performance, including:

- o Deadening boxes
- o Balston in-line filters
- o Regulator, gauges and fitting kits
- o Sterile air up-grade kits



• Selection

Selecting the correct size of compressor is vital. An undersize compressor will result in premature failure and reduced power through handpieces and other instruments at peak times.



• Installation

It is most important that the compressed airline is designed correctly to ensure airflow is distributed evenly to surgeries and, that air inside the pipe doesn't form condensate by being exposed to large temperature differentials.

• Temperature

Reliability and longevity of the compressor system are dependent on the temperature of the plant area, which should not exceed a maximum of 35°C. Investing in good ventilation or air-conditioning will payback many times over and, it's one of the wisest decisions a practice can make regarding plant equipment.

• Ventilation

Plant areas should have at least two vents, one high level, which may be required to be fan assisted to remove hot air and, one at low level to allow cool air to be circulated. Air conditioning may be an option dependent on the size and position of the plant area.

Equipment installed inside the surgery still needs to be ventilated, even if the room is air conditioned. A compressor and suction unit installed in the same room can generate a lot of heat. Placing both together is often common practice although not advised, as the suction motor outlet air, if not exhausted correctly, can be drawn into the compressor inlets thereby creating cross infection issues.

• Experience

At Cattani, we don't just provide compressed air solutions, we also provide our specialist knowledge and experience. Whether advice is needed to plan a pipe network, a plant room or a system for a surgery with particular requirements, we're happy to assist however we can.

• Maintenance

Cattani oil-less compressors are supplied with a 5 year guarantee for all components (subject to servicing terms and conditions). These high performance machines are low maintenance. Just change the preliminary filter every six months and periodically empty the condensate bottle.

• Service & Support

DE:UK has a well earned reputation for providing superlative technical support and a professional rapid and reliable after-sales service.

• Technical Data

D model = with dryer DH model = with dryer & hood (*) NHS Compliant

Model	Product Code	L/Min	Ltrs	Power	Volts/Hz	dB(A)	KG	Size mm
Single Surgery – 1 cylinder								
C1899	070170	67.5NI/min @ 5 bar	24	0.55 Kw 3.8A	230/50	70	39	w 540 d 630 h 860
C1899D	070130							
C1899DH	070150					63		
HTM Upgrade (*)	070RHTM							
Noise Reducing Cabinet	010810					51.5		w 650 d 650 h 895
2 Surgery – 2 cylinder								
C2899	070269	160NI/min @ 5 bar	24	1.2 Kw 7.7A	230/50	71	52	w 540 d 630 h 860
C2899D	070225							
C2899DH	070255					63		
HTM Upgrade (*)	070RHTM							
Noise Reducing Cabinet	010810					51.5		w 650 d 650 h 895
3 Surgery – 2 cylinder								
C3899	070270	160NI/min @ 5 bar	50	1.2 Kw 7.7A	230/50	72	52	w 580 d 630 h 930
C3899D	070230							
C3899DH	070250					63		
HTM Upgrade (*)	070RHTM							
Noise Reducing Cabinet	010820					51.7		w 730 d 730 h 945
4 Surgery – 3 cylinder								
C4899	070371	238NI/min @ 5 bar	75	1.5 Kw 10.2A	230/50	73.6	89	w 580 d 630 h 930
C4899D	070320							
C4899DH	070350					68		
HTM Upgrade (*)	070RHTM							
Noise Reducing Cabinet	010830					51.85		w 730 d 730 h 1125
6 Surgery – 2 cylinder tandem								
C6899D	070430	320NI/min @ 5 bar	75	3.0 Kw 12.8A	230/50	73	89	w 1160 d 650 h 890
C6899DH	070451					63.8		
HTM Upgrade (*)	070RHTM							
8 Surgery – 3 cylinder tandem								
C8899D	070509	476NI/min @ 5 bar	150	3.0 Kw 12.8A	230/50	74	137	w 1320 d 590 h 890
C8899DH	070551					70.4		
HTM Upgrade (*)	070RHTM							
12 Surgery – 3 cylinder triple								
C12899D	070599	714NI/min @ 5 bar	300	4.5 Kw 19.2A	415/50	75	260	w 1320 d 590 h 890
HTM Upgrade (*)	070RHTM3							
16 Surgery – 6 cylinder tandem								
C16899D	070595	952NI/min @ 5 bar	300	8.0 Kw 34/20A	415/50	81	303	w 1800 d 880 h 1100
HTM Upgrade (*)	070RHTM4							
24 Surgery – 6 cylinder triple								
C24899D	070594	1428NI/min @ 5 bar	300	12.0 Kw 51/30A	415/50	82.5	394	w 1800 h 1100 d 1100
HTM Upgrade (*)	070RHTM6							

All compressors are available in three phase as no cost option

For further information please contact DE:UK on

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