

WE LOVE WHAT WE DO.



**PLANT**  
**ROOM**  
SOLUTIONS



# BUILT-IN BACK-UP FOR YOUR CLINIC, NO MATTER WHAT SIZE.



## PERFORMANCE & RELIABILITY

Cattani stands for unparalleled quality, performance and service within the dental industry. This is the result of dedication and specialisation in the field of air technology that spans over twenty years.

Superior design, mechanical precision and robust components results in all Cattani SMART suction systems being backed by a 1-year parts and labour warranty.

Cattani SMART suction systems are manufactured in Parma, Italy, under the strictest standards. Each unit is rigorously tested and monitored prior to being delivered to your clinic. This provides you with the utmost confidence in the day to day running of your practice.

## A SMART SYSTEM TO SUIT EVERY CLINIC...

Cattani manufacture a range of SMART suction system configurations so you can be sure there is a system to suit any requirement. We offer solutions for all large clinical applications.

## WHY CATTANI?

- Inverter technology
- Energy efficient
- High vacuum performance
- Low maintenance
- Easy installation
- Amalgam Retention compliant to ISO 11143
- 1-year parts & labour warranty.

## CONSISTENT HIGH PERFORMANCE

Dental clinics vary in size. Consequently the requirements of the suction system will constantly change dependent on a number of variables such as the number of simultaneous users, what size suction tip is being used, the amount of fluid being aspirated, etc. The inverters monitor these changes and instantly adapt the output to ensure that high suction performance is constantly maintained.

## MULTI SMART PACKAGED SOLUTIONS

Thanks to the inverter technology, Multi SMART systems are assembled in parallel to satisfy the performance and back up requirements of larger clinics.

For applications of up to 20 simultaneous users, we offer Multi SMART units provided in a purpose built vertical rack which includes all necessary interconnections so final installation is a simple process.

Both solutions includes:

- Lockable castor wheels for easy system placement and future maintenance access
- Integrated header tank for incoming fluid surge protection – providing constant suction
- Small footprint
- Remote alarm capabilities.

# MULTI SMART SYSTEMS



## MULTI SMART T3

NO. OF SEATS	12
MAX AIR FLOW l/min	5100
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	4 x 1ph 240V 9A 1.87kW
HEIGHT MM	1660
WIDTH MM	1000
DEPTH MM	750
WEIGHT KG	148
SOUND OUTPUT dB(A)	78.5
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional



## MULTI SMART T4

NO. OF SEATS	16
MAX AIR FLOW l/min	6800
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	5 x 1ph 240V 9A 1.87kW
HEIGHT MM	1660
WIDTH MM	1300
DEPTH MM	750
WEIGHT KG	184
SOUND OUTPUT dB(A)	79.7
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional



## MULTI SMART T5

NO. OF SEATS	20
MAX AIR FLOW l/min	8500
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	6 x 1ph 240V 9A 1.87kW
HEIGHT MM	1660
WIDTH MM	1600
DEPTH MM	750
WEIGHT KG	220
SOUND OUTPUT dB(A)	80.7
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional

# BUILT-IN BACK-UP FOR YOUR CLINIC, NO MATTER WHAT SIZE.



## MAXI SMART SOLUTION

For applications of more than 20 simultaneous users, we offer multiple Maxi SMART units provided in kit form with all necessary interconnecting components necessary for parallel installation.

Systems are sold in configurations of 2, 3 & 4 units connected in parallel.

Performance is an important factor in any purchase decision. To make a direct brand comparison, it is wise to compare the price versus the performance for each brand. Systems with a lower purchase price can actually be less attractive when performance is compared.

## WHAT IS INVERTER CONTROL?

Inverter control optimises performance and efficiency.

The principle is simple: the inverter is an electronic control that can vary the speed, and therefore the output of the electric suction unit. It adjusts the power used to suit the actual requirements of the clinic – no more, no less!

## AMALGAM RETENTION

The Cattani Hydrocyclone is a simple and effective amalgam retention unit that fully integrates with our SMART suction systems.

It simply utilises the fluid pressure created by the suction system to achieve 98% amalgam retention in accordance to ISO 11143... all without the need for any moving parts!

Units without amalgam separation are available on request.



# MAXI SMART



## MAXI SMART WITHOUT ACOUSTIC COVERS

<b>NO. OF SEATS</b>	20-60
<b>MAX AIR FLOW l/min</b>	5000
<b>MAX. VACUUM FOR CONTINUOUS OPERATION mBar</b>	240
<b>POWER</b>	3ph 400V 25A 11.8kW
<b>HEIGHT MM</b>	1490
<b>WIDTH MM</b>	708
<b>DEPTH MM</b>	1037
<b>WEIGHT KG</b>	217
<b>SOUND OUTPUT dB(A)</b>	77
<b>ISO 18 HYDROCYCLONE AMALGAM RETENTION</b>	Optional



## MAXI SMART WITH ACOUSTIC COVERS

<b>NO. OF SEATS</b>	20-60
<b>MAX AIR FLOW l/min</b>	5000
<b>MAX. VACUUM FOR CONTINUOUS OPERATION mBar</b>	240
<b>POWER</b>	3ph 400V 25A 11.8kW
<b>HEIGHT MM</b>	1490
<b>WIDTH MM</b>	708
<b>DEPTH MM</b>	1037
<b>WEIGHT KG</b>	270
<b>SOUND OUTPUT dB(A)</b>	68
<b>ISO 18 HYDROCYCLONE AMALGAM RETENTION</b>	Optional

\* 1 unit Maxi SMART for 20 seats and each Maxi SMART Max Air Flow is 5000l/min

# PERFORMANCE AND RELIABILITY



## AC900

<b>NO. OF SEATS</b>	12
<b>POWER</b>	3ph 400V 50Hz 11.1A 4.5kW
<b>HEIGHT MM</b>	1000
<b>WIDTH MM</b>	1800
<b>DEPTH MM</b>	810
<b>WEIGHT KG</b>	260
<b>SOUND OUTPUT dB(A)</b>	75
<b>MAX AIR FLOW AT 5 BAR NL/min</b>	714
<b>TANK SIZE (LITRES)</b>	300



## AC1200

<b>NO. OF SEATS</b>	16
<b>POWER</b>	3ph 400V 50Hz 15A 6.5kW
<b>HEIGHT MM</b>	1100
<b>WIDTH MM</b>	1800
<b>DEPTH MM</b>	880
<b>WEIGHT KG</b>	303
<b>SOUND OUTPUT dB(A)</b>	81
<b>MAX AIR FLOW AT 5 BAR NL/min</b>	952
<b>TANK SIZE (LITRES)</b>	300



## AC1800

<b>NO. OF SEATS</b>	24
<b>POWER</b>	3ph 400V 50Hz 22.6A 9.75kW
<b>HEIGHT MM</b>	1100
<b>WIDTH MM</b>	1800
<b>DEPTH MM</b>	1100
<b>WEIGHT KG</b>	394
<b>SOUND OUTPUT dB(A)</b>	82.5
<b>MAX AIR FLOW AT 5 BAR NL/min</b>	1428
<b>TANK SIZE (LITRES)</b>	300

# COMPRESSORS



## ACB400

<b>NO. OF SEATS</b>	32
<b>POWER</b>	3ph 400V 50Hz 31A 13kW
<b>HEIGHT MM</b>	2100
<b>WIDTH MM</b>	1550
<b>DEPTH MM</b>	850
<b>WEIGHT KG</b>	300
<b>SOUND OUTPUT dB(A)</b>	83.5
<b>MAX AIR FLOW AT 5 BAR NL/min</b>	1680
<b>TANK SIZE (LITRES)</b>	300

## WHY CATTANI?

- They consistently deliver clean, dry, oil free, hygienic air
- Low maintenance
- Easy installation
- Our tanks are coated with a certified food grade resin to ensure the quality of the air is preserved
- Internal components are coated with a patented material that reduces mechanical wear & tear
- 3-year parts & labour warranty.

## WE HAVE BEEN SPECIALISING WITH AIR TECHNOLOGY FOR 50 YEARS: SPECIALISATION HAS GIVEN EXCELLENT RESULTS.

To find out which unit suits your surgery's individual needs, head over to [www.cattani.com.au](http://www.cattani.com.au) 'Find Your Surgery Solution' page. You can work out the right plant solution for your surgery.

### CATTANI TURBO SMART – INTELLIGENT SUCTION NOW IN ASIA

Cattani utility room equipment has been the beating heart of dental surgeries for 50 years, and now, finally, our suction systems and compressors are available in Asia.



#### Smart technology you can rely on

Based in Italy, Cattani is a family business where we believe in traditional values like loyalty and respect, so your satisfaction is very important to us. Our machinery is renowned for its performance and efficiency, and we have an outstanding reputation for service.



#### High quality products and service

The smooth operation of every dental practice depends on its utility room equipment, so Cattani takes the greatest care when it comes to design and manufacture, and to show how much we stand by our products, we back them with a generous warranty.



#### The plant room equipment of choice – for Asia

We are honored to be in Asia, and excited to bring you the air technology equipment that countless dentists around the world prefer.

#### HOW IS IT WE LEAD IN OUR FIELD, WHEN WE COST LESS THAN THE ALTERNATIVES? THIS IS HOW:

**Constant research:** this enables us to apply the latest technology to all of our products and solutions.

**We enhance performance:** electronic and information technology enable us to enhance the performance and reliability of our products.

**We reduce costs:** less maintenance and lower energy costs mean that we are always the most economical on a cost-benefit analysis.

**We reduce environmental impact:** we save 50% on raw materials, so that you can save between 30% and 50% on electrical consumption.