



SMART **SUCTION SYSTEMS**

A UNIVERSAL ASPIRATOR



TAILORED SUCTION – FLEXIBLE BY NATURE



WHY CATTANI?

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

PERFORMANCE AND 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 sizes and configurations so you can be sure there is a system to suit your practice's requirements. We offer solutions from a single chair, right through to hospital and university size applications.

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 inverter monitors these changes and instantly adapts the output to ensure that high suction performance is constantly maintained.

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!

A SIMPLE AND SMART WAY TO GROW

Thanks to the inverter technology, multiple SMART systems can be installed in parallel providing your clinic with the ability to easily expand capacity or to introduce built-in back up.

Connecting a number of SMART suction systems together in parallel is a 'plug and play' exercise. With the inverters monitoring the system in harmony, parallel connection has never been so simple.

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.

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.



MICRO SMART

NO. OF SEATS	1-2
MAX AIR FLOW l/min	916
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	1ph 6.3A 1.12kW
HEIGHT MM	590
WIDTH MM	370
DEPTH MM	340
WEIGHT KG	23
SOUND OUTPUT dB(A)	71
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional



TURBO SMART A

NO. OF SEATS	2-3
MAX AIR FLOW l/min	1400
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	1ph 7A 1.22kW
HEIGHT MM	630
WIDTH MM	390
DEPTH MM	350
WEIGHT KG	39.5
SOUND OUTPUT dB(A)	69
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional



TURBO SMART B

NO. OF SEATS	4
MAX AIR FLOW l/min	1750
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	1ph 9A 1.5kW
HEIGHT MM	630
WIDTH MM	390
DEPTH MM	350
WEIGHT KG	39.5
SOUND OUTPUT dB(A)	73.7
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional



TANDEM MICRO SMART

NO. OF SEATS	4
MAX AIR FLOW l/min	1824
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	1ph 2 x 6.3A 1.3kW 2 x 10A power outlets required
HEIGHT MM	600
WIDTH MM	1030
DEPTH MM	640
WEIGHT KG	50
SOUND OUTPUT dB(A)	67-74
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional



TANDEM TURBO SMART A

NO. OF SEATS	5
MAX AIR FLOW l/min	2800
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	1ph 2 x 7A 1.45kW 2 x 10A power outlets required
HEIGHT MM	740
WIDTH MM	1250
DEPTH MM	760
WEIGHT KG	85
SOUND OUTPUT dB(A)	72
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional

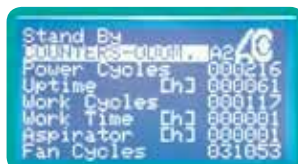


TANDEM TURBO SMART B

NO. OF SEATS	8
MAX AIR FLOW l/min	3400
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	1ph 2 x 9A 1.87kW 2 x 10A power outlets required
HEIGHT MM	740
WIDTH MM	1250
DEPTH MM	760
WEIGHT KG	85
SOUND OUTPUT dB(A)	76.7
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional

WIRELESS CONNECTION

Turbo-Smart can be connected wireless to the computer in the surgery. The computer screen will show the complete menu of the machine so that the dentist can check and modify the functioning of the aspirator at any time without moving from the surgery.



DISPLAY FOR DATA COMMUNICATION

Through simple and easy operations on the keypad you can monitor the working status of the unit. The unit also has a memory, which keeps a record of errors, and is equipped with a software that monitors a series of technical parameters allowing precise analysis of possible anomalies.





ENVIRONMENTAL SUSTAINABILITY

The new products have improved work performances, saves electricity and increased reliability.



WI-FI CONNECTION

Your unit can be connected wirelessly to the computer in the clinic. The dentist can check and modify the function of the aspirator at any time without moving from his practice.



ACTIVE SELF-PROTECTION

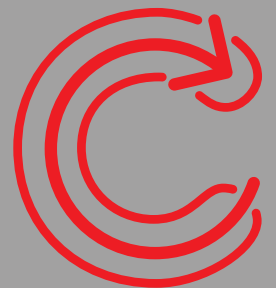
Through inverter control and a computerised programme, Micro and Turbo SMART can adjust to cope with special situations.



HIGH PERFORMANCE

Turbo SMART can be installed in parallel without peripheral units and without connectors. It is possible to upgrade the Turbo SMART A (for 2 surgeries) to model Turbo SMART B (for 4 surgeries) by entering a password into the machine.

**CATTANI'S INVERTER
CONTROL TECHNOLOGY
IS A TRUE INNOVATION IN
THE FIELD OF DENTISTRY**



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 '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.