

# "Silent Strength, Pure Performance Driving Precision in Dentistry!"



## Compressor Suction System



## COMPRESSOR

- ✦ Medical grade Air
- ✦ Super Silent
- ✦ Oil free engine
- ✦ Air outlet filter
- ✦ Thermal protector against overheating
- ✦ Anti corrosion coating
- ✦ Dryer variants also available\*



**GNATUS 40L**

Specification	1 HP	2 HP	3 HP	4 HP	5 HP
Power (kw)	1kw/1HP	1.5kw/2HP	2.25kw/3HP	3kw/4HP	3.3kw
Max flow (L/min)	152	304	410	547	621
0.5MPa Airflow (L/min)	78	156	211	281	324
Noise dB(A)	≤68	≤69	≤70	≤71	≤75
Tank (L)	40	60	70	100	150
Package Dimension (mm)	450×450×730	590×590×920	1030×640×880	1210×710×920	1480×630×1000
Gross Weight (kg)	31.5	57	91	127	158
For Dental Chair	1~2	3~4	5~6	7~8	8~9



**GNATUS 65L**



**GNATUS 70L**

## THE POWER OF TWO IN ONE Compressor Suction System



### Internal Structure:

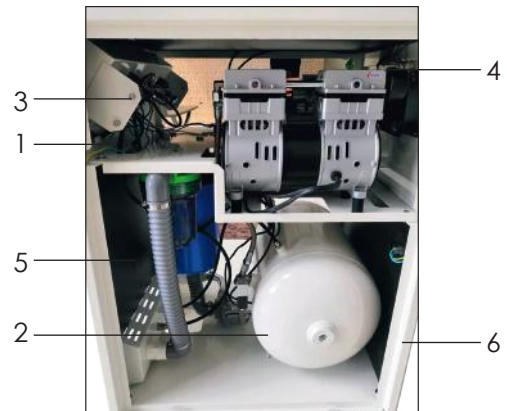
- ✦ Air pump
- ✦ Air tank
- ✦ Power control
- ✦ Suction machine PC Board
- ✦ Separation bucket of suction machine
- ✦ Sound proof cabinet



Dynamic compressor suction system combines air compressor and suction unit, and integrates two different machines into one, which can provide both negative pressure suction function and positive pressure air supply function, which greatly improves the efficiency of diagnosis and treatment.

### Key Features:

- ✦ Achieve a noise-free practice, ensuring patient comfort
- ✦ Simplify procedures with a single machine for compressor and suction, saving time
- ✦ Maximize clinic space with its compact design
- ✦ Reduce costs with an all-in-one solution for efficiency and savings
- ✦ Enhance mobility for versatile dental services.
- ✦ Available for 1 & 2 dental chairs (with different model)



Compressor Suction System DAS001

<b>Voltage (V/Hz )</b>	115~230V/50~60Hz
<b>Power (Kw)</b>	1.2
<b>Air Compressor - Air flow@5Bar (L/min)</b>	78
<b>Suction Unit - Air flow (L/min)</b>	300
<b>Vacuum (Kpa)</b>	-11
<b>Sewage tank (L)</b>	22.5
<b>Net Weight (Kg)</b>	69
<b>Gross Weight (Kg)</b>	89
<b>Noise (dB(A))</b>	≤65
<b>Dimension of Machine (mm)</b>	600x530x830
<b>Dimension of Package (mm)</b>	690x620x990

## SUCTION

### High Power Wet Line Suction System

**Stable & High-Performance Operation:** Equipped with a concentrated and consistent suction mechanism to ensure reliable performance during all procedures.

**Smart Frequency Conversion Technology:** Automatically adjusts suction power based on the number of dental chairs in use, optimizing efficiency and output.

**Built-In Noise Reduction System:** Designed with internal soundproofing to maintain a quieter clinical environment, enhancing patient comfort.

**Continuous High-Volume Suction:** Ideal for oral surgeries, implantology, and extended procedures requiring uninterrupted, strong suction performance.

**Anti-Backflow Design:** Prevents contaminated fluids from flowing back into the system, ensuring a safe and hygienic treatment zone.

**Corrosion-Resistant Internal Tubing:** Made with high-quality, durable materials that resist corrosion for longer life and lower maintenance.

**Integrated Filtration System:** Efficient debris trap prevents clogging and ensures smooth operation even during heavy-duty use.

**Energy-Efficient Motor:** Engineered for continuous, long-term use with minimal power consumption and reduced operational cost.

**Compact & Space-Saving Design:** Easily fits into cabinets or utility rooms without compromising on performance or accessibility.

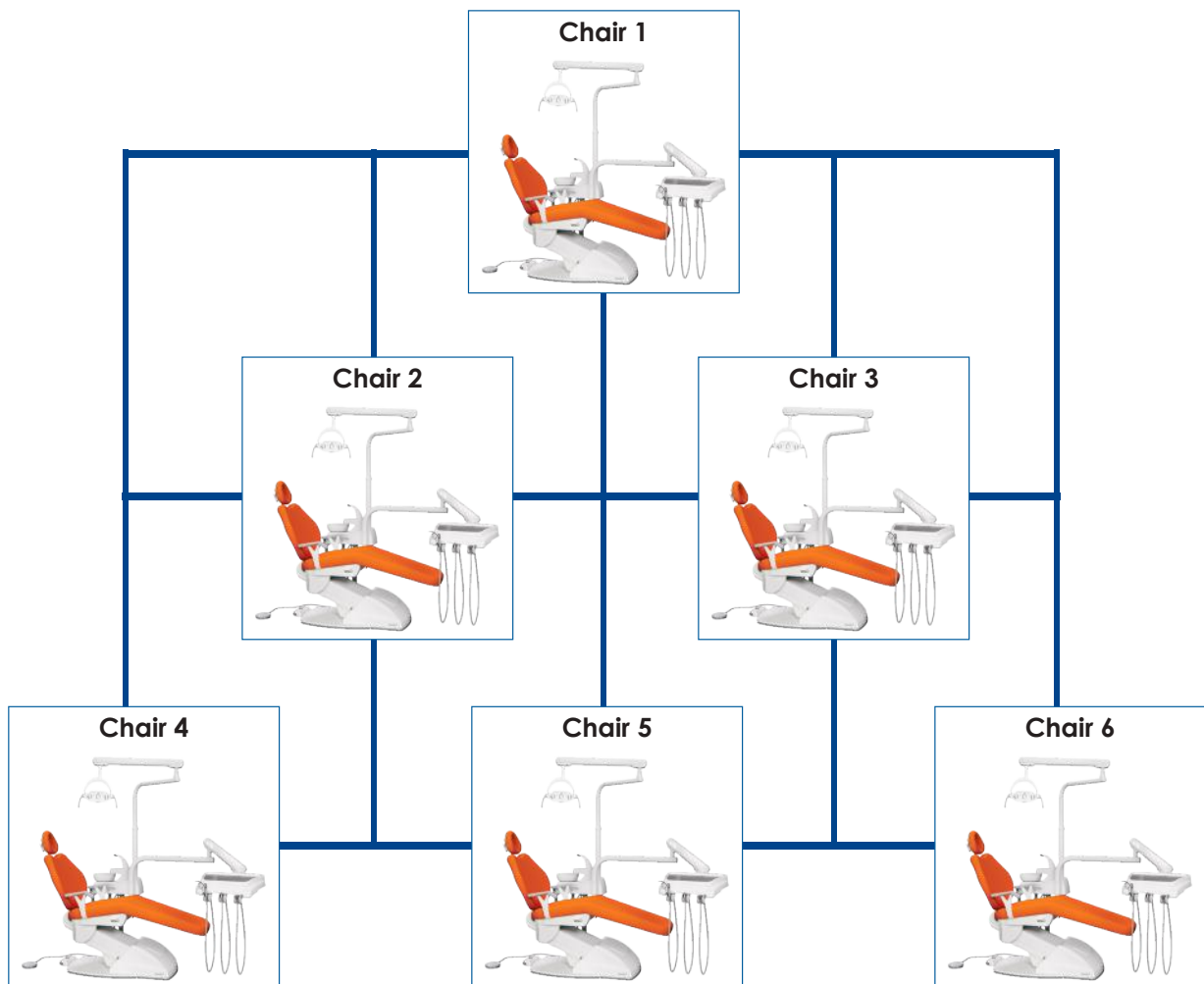
**Multi-Chair Compatibility:** Capable of supporting multiple dental units simultaneously, making it suitable for high-traffic clinics and setups.

**Automatic Water Separation System:** Effectively separates fluids before they reach the motor, protecting internal components from moisture-related damage.





## Centralized Suction System



Data & Facts			
Unit Type	VMAX 450	VMAX 1250	VMAX 1450
Power (HP)	0.80	2	3
Max Pumping (L/min)	800	1100	1500
Vacuum Degree (KPa)	-13	-21 ~ -24	-22 ~ -25
Suitable Chairs	Upto 2 Chair	Upto 4 Chair	Upto 6 Chair
Noise (dB)	53	57~62	58~62



WHERE TRUST COMES FIRST



**Warranty Ke Saath Bhi  
Warranty Ke Baad Bhi**

**For any Sales & Support**

 9821184441, 8448398852

 [sales@unicorndenmart.com](mailto:sales@unicorndenmart.com)

**Customer Care**

Register Your Complaint with A Missed Call: **7065-558-558**

 011-45551250, 51, 55  97170-12081, 95994 -48518

 [care@unicorndenmart.com](mailto:care@unicorndenmart.com) | [care1@unicorndenmart.com](mailto:care1@unicorndenmart.com)

Connect With



Unicorn DenMart

\* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.

Ver 05/2026



Corporate Office: 3 Local Shopping Centre, MOR Land, Near J Block DDA Market,  
New Rajender Nagar, New Delhi – 110060

    /unicorndenmart.com