



Marketing presentation

HUSH

 **Gentilin**[®]
OIL-FREE. THE NEW NORMAL.



Product category

01.

PORTABLE AIR

Craftmens (Plumbers, installers, renovators, restorers, maintainers, sub-contractors, road operators, farmers).

02.

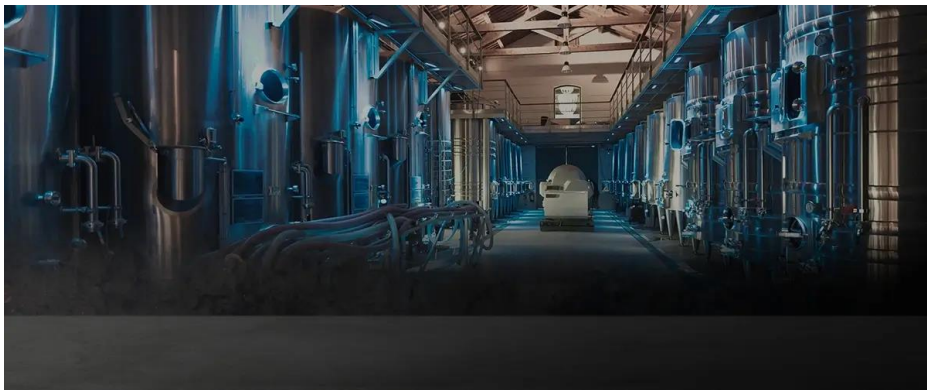
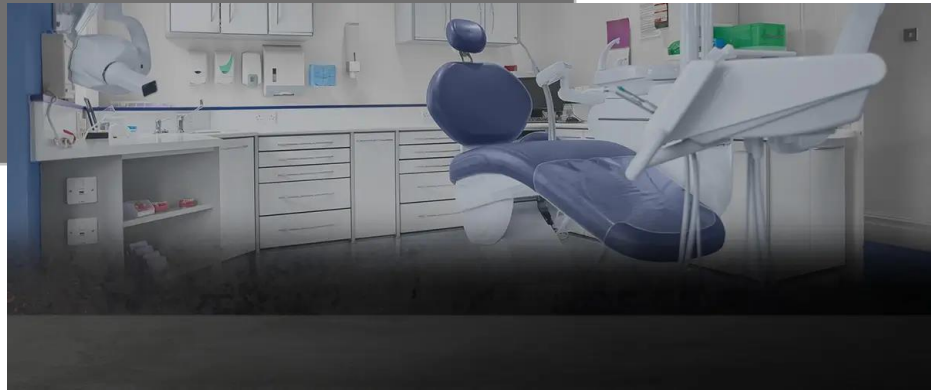
PROCESS AIR

Wineries, Food laboratories, Dairy, Pastry laboratories, Bakehouses, Food industry, Milking rooms, Scientific laboratories, Medical laboratories, Dental practices, Veterinary

03.

OEM AND CUSTOMIZATIONS

Compressors manufacturer, Compressed-air-driven machinery manufacturers, Private label companies.



Process Air

PISTON COMPRESSORS

- › SMART range
- › CLINIC range
- › HUSH range
- › QUBE range

SCROLL COMPRESSORS

- › Basic range
- › Advanced range

SCREW COMPRESSORS

- › HYDRO SD range

HUSH – II Concept

GENTILIN's HUSH range has been designed and developed to meet the needs of highly professional applications, where lubricated screw compressors (with the problem of oil contamination) or SCROLL compressors (characterized by very high purchase and maintenance costs) are usually used. The cornerstones of the HUSH range are the following:

- › Oil-free Class 0 clean air
- › 24/7 continuous operation
- › Life cycle of 10,000 hours
- › Absence of maintenance
- › Low noise emissions

These results have been achieved thanks to the combined use of different technologies:

- › Patented AXXER oil-free mechanical technology
- › Machining and materials of aero-space derivation
- › Electric motors in S1
- › Suction/compression labyrinth for noise abatement in both phases
- › Hermetic closing of the piston chamber to reduce noise from moving parts

Thanks to the use of these technologies combined, HUSH range products guarantee our customers/users:

- › An air flow that is free from contaminating oils (oil-free class 0) and with a degree of air purity up to ISO X-5-0 (when used with refrigerated dryers)
- › Purchasing and operating cost reduced to a -50/70% compared to equivalent products with SCROLL technology
- › Life cycle that is up to 3 times longer than traditional long-life compressors with PISTON technology
- › Optimal operation in all conditions, even the most adverse (hot environments, cold environments, acidic/corrosive environments), for continuous work H24 non-stop

HUSH - Features

| | |
|------------------------------|---|
| Power | 2,2 to 8,0 Kw |
| Tanks | 150 to 500 L |
| Air purity standard | Oil-free Class 0 (ISO 13285) |
| Duty cycle | 100% ON – Continuous duty |
| Max pressure | 10 bar (14 bar on request) |
| FAD | 330 to 1320 lt/min. |
| Maintenance overhaul* | 3.000 hr (K versions) 10.000 hr (W versions) |
| Tank treatments | Epoxy anti-rust treatment (internal/external) |
| Noise level | Quiet (68-78 dB) |

*Referred to a continuous duty at 8 bar pressure

HUSH – The Range



CSK330/150VE

- › 2,2 kW
- › 150 L
- › 330 L/min
- › 3.000 hr

CSW330/150VE

- › 2,2 kW
- › 150 L
- › 330 L/min
- › 10.000 hr



ESK660/200VE

- › 4,0 kW
- › 200 L
- › 660 L/min
- › 3.000 hr

ESW660/200VE

- › 4,0 kW
- › 200 L
- › 660 L/min
- › 10.000 hr

HUSH – The Range



CSK480/270

- › 3,0 kW
- › 270 L
- › 480 L/min
- › 3.000 hr

CSK660/270

- › 4,0 kW
- › 270 L
- › 660 L/min
- › 3.000 hr

CSW660/270

- › 4,0 kW
- › 270 L
- › 660 L/min
- › 10.000 hr



ESK960/270

- › 6,0 kW
- › 500 L
- › 960 L/min
- › 3.000 hr

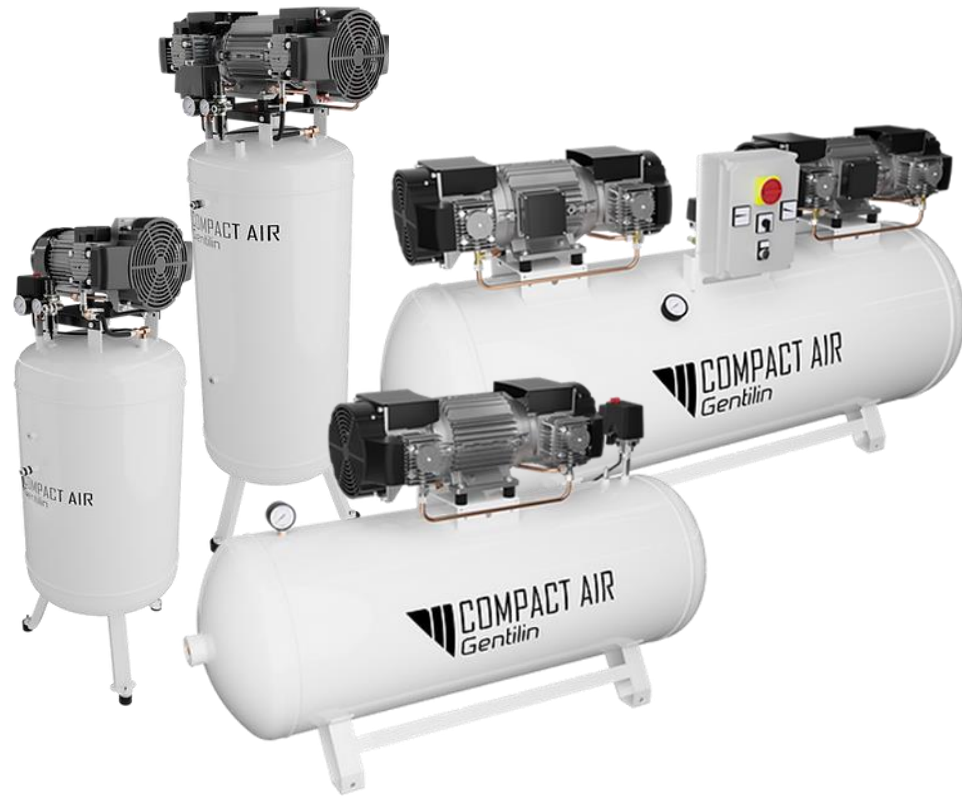
ESK1320/500

- › 8,0 kW
- › 500 L
- › 1320 L/min
- › 3.000 hr

ESW1320/500

- › 8,0 kW
- › 500 L
- › 1320 L/min
- › 10.000 hr

HUSH - Features



AXXER PATENTED LONG-LIFE MECHANICS

- › Oil-free class 0
- › 24/7 - 100% non-stop duty
- › Up to 10.000 before first maintenance (W versions)
- › 10 bar operating pressure (14 bar on request)

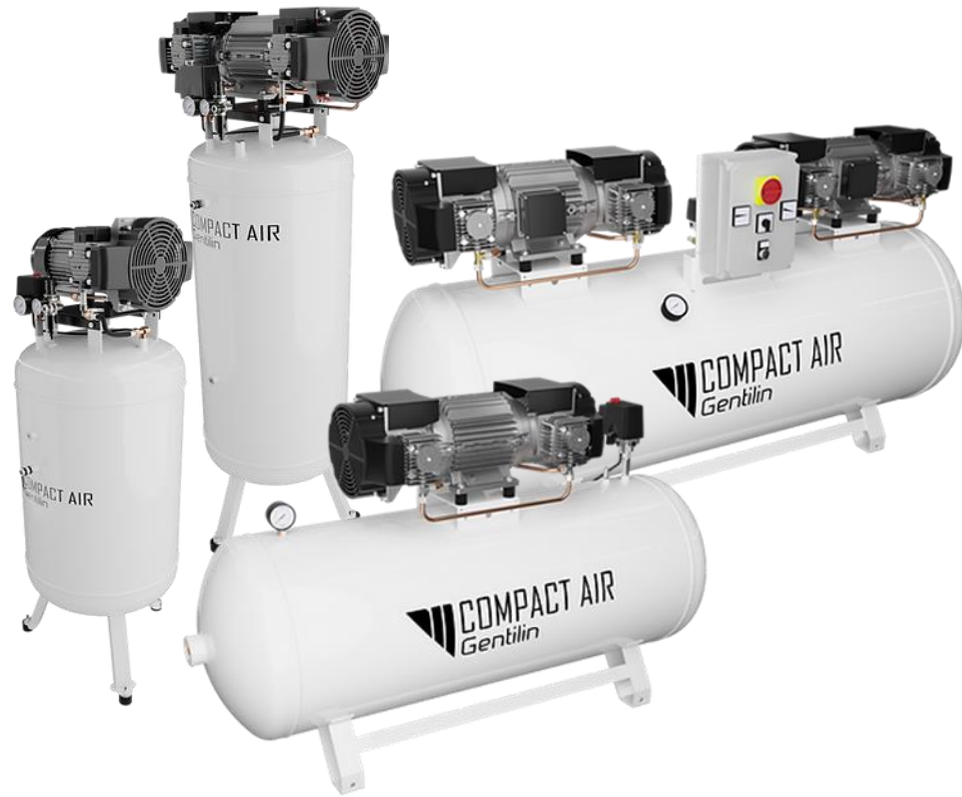
CONTINUOUS DUTY 24/7

- › S1 class motor
- › 1400 rpm
- › Low operating temperatures

EASY MAINTENANCE

- › Piston rings and gaskets replacement (H 00:30/60)
- › Entire pumping unit replacement (H 00:15/30)

HUSH - Features



NOISE ABATMENT

- › Suction/compression labyrinth for noise abatement in both phases
- › Hermetic closing of the piston chamber to reduce noise from moving parts

OPTIMAL EFFICIENCY AND DURABILITY

- › High-flow forced ventilation system
- › Optimum cooling of the pump unit
- › Increased compressor efficiency and life

EASY HANDLING AND OPERATION

- › Easy handling with tres-pallets and forklifts
- › Integrated hour-meters
- › Automatic condensate drain from the tank (optional)

HUSH - Accessorization

60240001



AIR PRESSURE REGULATOR

- › Double air outlet (quick couplers)
- › Third direct outlet with lever valve

71505002



TANK AUTO-DRAIN KIT

- › Automatic tank moisture drainage
- › Equipped with electronic valve and set-up timer

HUSH – Dryer Match

| Compressor model | Dryer |
|---------------------------------|-------------|
| 330/150VE | RT-DRY 400 |
| 660/200VE 480/270 660/270 | RT-DRY 900 |
| 960/500 1320/500 | RT-DRY 1200 |



HUSH - Applications

- › Food laboratories
- › Biogas production (Nitrogen, etc.)
- › Wine cellars
- › Brewing
- › Milking rooms
- › Industrial painting
- › Transport (Train/Bus/Metropolitane)
- › Artificial snow making systems
- › Photovoltaic systems
- › Printing
- › Packing
- › CAD/CAM
- › Wherever a SCROLL compressor is normally used



HUSH – Advantages For The End Users



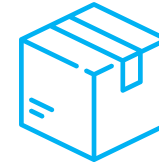
Ensuring a healthy workplace

The oil-free Class 0 operation prevent problems related to waste oil dispersion, nebulization and disposal, making HUSH a green product and ensuring a healthier and cleaner workplace.



Avoid production stops and consequent delays in deliveries

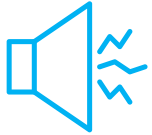
Choose the reliability of a MADE IN ITALY product conceived and developed to guarantee industrial working cycles, with no needs of thermal cooling stops and maximum reliability during operation. Using products developed for industrial grade use allows a regular and uninterrupted conduct of production programs and optimal performance of planned activities.



Avoid contamination and deterioration of treated products

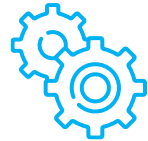
Contamination and deterioration of treated products, especially in the food and beverage and medical sectors, represent critical operational issues and important costs. Using HUSH oil-free Class 0 compressors, with their advanced air treatment solutions such as dryers and sterilization filters, provides compressed air free of contaminants and guarantees maximum quality on the finished product by eliminating the danger of contamination.

HUSH – Advantages For The End Users



Keep noise emissions within a safety and sustainable range

The products of the HUSH range are designed to ensure acoustic comfort in professional applications and sectors, where compressors must be placed in noise sensitive environments. Thanks to the advanced noise abatement technologies used, HUSH compressors reduce the noise emissions to a very minimum.



Minimize rework and waste

The use of products with oil-free technology, such as HUSH compressors, eliminates the problems of contamination, avoiding costly rework and waste.



Optimize the operating costs of your equipment

HUSH compressors are equipped with AXXER long-life piston pumps. This outstanding unique technology guarantees minimized maintenance costs (-70% compared with SCROLL compressors), thus reducing overall operating costs and life-cycle cost of the compressor to a very minimum.

HUSH Vs SCROLL

2,2 kW



| | CSK-CSW330/150VE | SCROLL 2,2 kW – 270 L |
|-----------------------------|------------------|--------------------------|
| <u>Air outlet @ 5 bar</u> | 215 L/min | 230/250 L/min |
| <u>Air outlet @ 8 bar</u> | 190 L/min | 230/250 L/min |
| <u>Max bar</u> | 10 | 10 |
| <u>dB</u> | 68 dB | 67 dB |
| <u>Tank</u> | 150 L | 270 L |
| <u>Duty Cycle</u> | 100% | 100% |
| <u>Maintenance overhaul</u> | 3.000-10.000 hr | 10.000 hr |
| <u>Price to dealer</u> | 945/1.190 € | 2.900/4.800 € |
| <u>Maintenance cost*</u> | 650 € | 2.000/2.500 € |

*Referred to the replacement of the entire pumping unit once the 10.000-hour cycle has been reached

HUSH Vs SCROLL

4,0 kW



| | CSK-CSW660/270 CSK-CSW660/200VE | SCROLL 4,0 kW – 270 L |
|-----------------------------|------------------------------------|--------------------------|
| <u>Air outlet @ 5 bar</u> | 440 L/min | 390/400 L/min |
| <u>Air outlet @ 8 bar</u> | 380 L/min | 390/400 L/min |
| <u>Max bar</u> | 10 | 10 |
| <u>dB</u> | 76 | 68 |
| <u>Tank</u> | 200/270 L | 270 L |
| <u>Duty Cycle</u> | 100% | 100% |
| <u>Maintenance overhaul</u> | 3.000 - 10.000 hr | 10.000 hr |
| <u>Price to dealer</u> | 1634/2.370 € | 3.200/6.100 € |
| <u>Maintenance cost*</u> | 1.300 € | 2.500/3.000 € |

*Referred to the replacement of the entire pumping unit once the 10.000-hour cycle has been reached

HUSH Vs SCROLL

5,5/6,0 kW



| | ESK-ESW960/500 | SCROLL 5,5 kW - 270 L |
|-----------------------------|-----------------|--------------------------|
| <u>Air outlet @ 5 bar</u> | 620 L/min | 600/630 L/min |
| <u>Air outlet @ 8 bar</u> | 480 L/min | 460/520 L/min |
| <u>Max bar</u> | 10 | 10 |
| <u>dB</u> | 76 | 68 |
| <u>Tank</u> | 500 | 500 |
| <u>Duty Cycle</u> | 100% | 100% |
| <u>Maintenance overhaul</u> | 3.000-10.000 hr | 10.000 hr |
| <u>Price to dealer</u> | 3.528/4032 € | 4.500/7.200 € |
| <u>Maintenance cost*</u> | 2.400 € | 3.000/3.500 € |

*Referred to the replacement of the entire pumping unit once the 10.000-hour cycle has been reached

HUSH Vs SCROLL

7,5/8,0 kW



| | ESK-ESW1320/500 | SCROLL 7,5 kW - 270 L |
|-----------------------------|-----------------|--------------------------|
| <u>Air outlet @ 5 bar</u> | 880 L/min | 830/890 L/min |
| <u>Air outlet @ 8 bar</u> | 760 L/min | 650/750 L/min |
| <u>Max bar</u> | 10 | 10 |
| <u>dB</u> | 78 | 68 |
| <u>Tank</u> | 500 | 500 |
| <u>Duty Cycle</u> | 100% | 100% |
| <u>Maintenance overhaul</u> | 3.000-10.000 hr | 10.000 hr |
| <u>Price to dealer</u> | € 3.559/4.063 € | € 5.000/6.900 € |
| <u>Maintenance cost*</u> | 2.600 € | 4.000/4.500 € |

*Referred to the replacement of the entire pumping unit once the 10.000-hour cycle has been reached

HUSH – Sales Channels



Dealers specialized in compressed air solutions



Dealers of medical equipment



Food & beverage processing equipment and machinery retailers



Industrial equipment and machinery retailers



HUSH - Deliveries

| Mod. | Delivery time |
|------------------|-----------------|
| ESK660/270 | 5 working days* |
| All other models | 2/4 Settimane |

*Conditions apply, please ask our sales managers