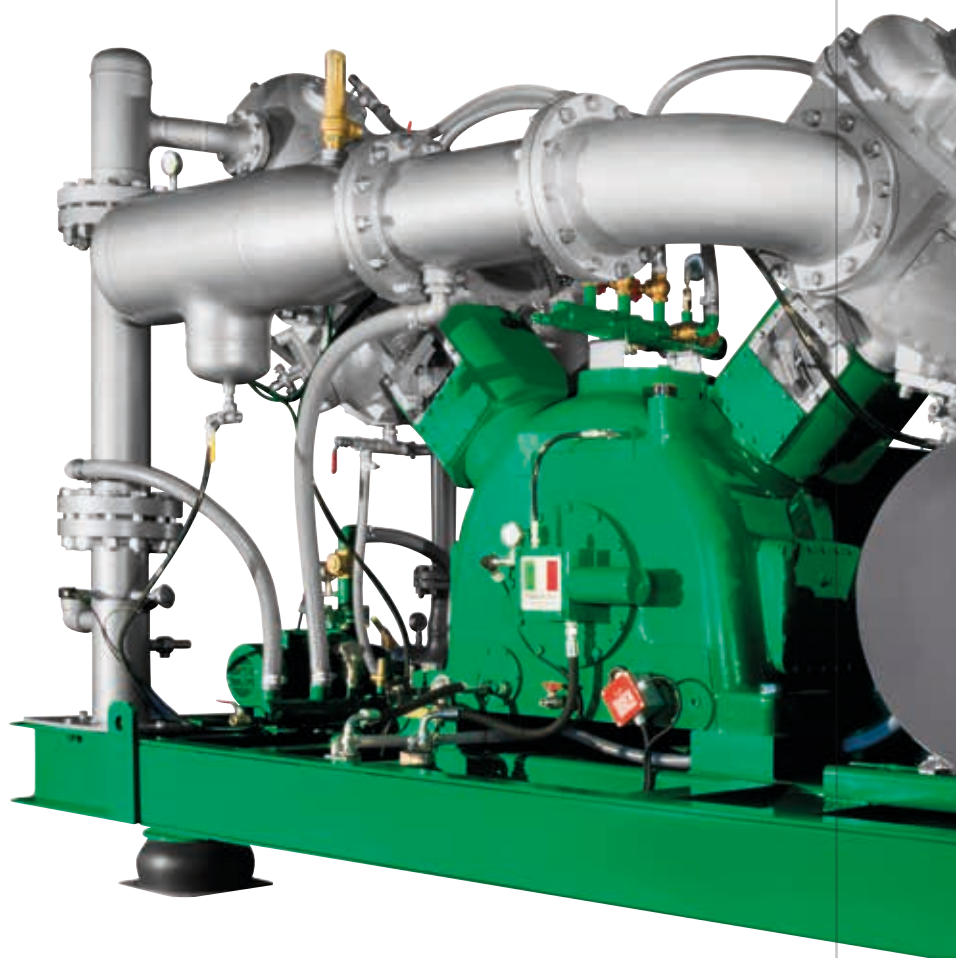


# VITO: PET compressors enter a new era

VITO is an innovative new range of oil-free air compression units for blowing bottles in PET. It's the result of a painstaking research project which has brought us to a new frontier in the field of compression units for the Food&Beverage sector. The intense effort put into the design process has paid off in the creation of a compressor unit whose every single component and process performs outstandingly... an indispensable condition for making the qualitative leap to series production. After creating various prototypes, and after various months of testing, the VITO compressor line exceeds our expectations in terms of efficiency and reliability. The VITO line produces air compressed to 42 bar, completely devoid of oil and complying with ISO 8573 air quality regulations.



## Design objectives

"Target of simplification: a new compressor which is easier to assemble and maintain, while at the same time being even more reliable."

### Low energy consumption

- Friction reduction.
- Optimization of fluid dynamics in cylinder/valve coupling.
- Simplification of pipe routing.

### Extreme reliability

- Low RPM.
- Heavy duty design.

### Reduced vibrations

- Reduction of rotating masses.
- Lowering of compressor's center of gravity.
- Optimized vibration damping between ground and unit.

### Compact layout

- Two compression lines.
- Optimized ergonomic practicality in maintenance and operation.
- Reduced weight and size.
- New package (optimized piping and skid).
- Air treatment unit with pre-mounted and tested tanks and dryer.

## Eco-friendly compressor



- Spray-painted without solvents.
- Reduced environmental impact.
- Reduced weight and volume.
- Reduced specific energy consumption.
- Reduced emissions of CO<sub>2</sub>.
- Solar panels.
- Web manuals.



## International standards



- air quality in compliance with ISO 8573.

## Options

- Frequency regulator to regulate the air flow to suit the requirements of the blowers and to increase energy efficiency.
- Control panel for the simultaneous control of multiple compressed air lines.
- Air re-ignition system to optimize energy consumption.
- Soundproofed cab with compact design ensuring easy access for maintenance.

Model	Capacity		Installed power		Speed
VITO1210	1.210 fad m <sup>3</sup> /h	712 cfm	200 kW	272,0 HP	470 rpm
VITO1330	1.330 fad m <sup>3</sup> /h	783 cfm	220 kW	299,2 HP	520 rpm
VITO1520	1.520 fad m <sup>3</sup> /h	895 cfm	250 kW	340,0 HP	590 rpm
VITO1720	1.720 fad m <sup>3</sup> /h	1.012 cfm	280 kW	380,8 HP	670 rpm
VITO1920	1.920 fad m <sup>3</sup> /h	1.130 cfm	315 kW	428,4 HP	750 rpm



## An instant success

Soon after going on the market, VITO is already in high demand. Flexible performance, reliability, easy installation and maintenance are now features known in the sector, which have been appreciated in geographically diverse situations. This is further proof of SIAD Macchine Impianti engineering and design quality. In fact, the numerous installation contexts have shown excellent performance, ensuring the product's increasingly wider use.



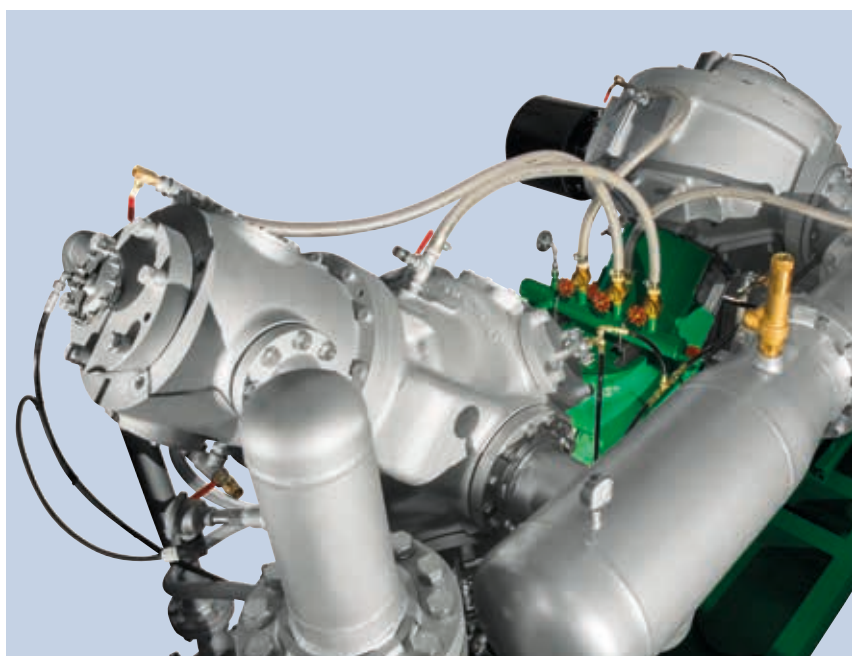
*VITO: series production*



## A great compressor

The 'zero km ' approach of our supply chain immediately responded to the demand, putting the company in a position to offer a real just in time service and high production efficiency.

Working closely with a network of suppliers, carefully selected for combined characteristics of excellence and proximity, has resulted in optimization in terms of times, costs and performance. Hence mass production with the ability to exploit organizational flexibility and address the huge interest shown by the market. Today, SIAD Macchine Impianti can guarantee the delivery of a VITO model in just 3 weeks from ordering. A winning factor for the customer and value added for a compressor whose overall 'agility' is the most obvious feature.



Discover our services  
[www.siadmi.com](http://www.siadmi.com)

For further information:  
[siadmi\\_compr@siad.eu](mailto:siadmi_compr@siad.eu)



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SIAD Macchine Impianti S.p.A.  
Società unipersonale soggetta a direzione e coordinamento di SIAD S.p.A.  
I-24126 Bergamo - Via Canovine, 2/4  
V.A.T and Fiscal Number: IT 00228420162  
Share Capital euro 25.000.000 paid up  
R.E.A. BG-72619 - Export: BG 006107

Telephone +39 035 327611  
Fax +39 035 316131

[www.siadmi.com](http://www.siadmi.com) - [siadmi@siad.eu](mailto:siadmi@siad.eu)