



Balma



**UNICO 500 &
UNICO 900**

Maximise Your Efficiency and Savings with
BALMA's Cutting-Edge CROSS Compressor!

A Star in Air Compressors 

Revolutionise Your Operations: switch from Silent Piston to the BALMA UNICO Game-Changing

Embrace a new era of efficiency by upgrading from traditional Silent Piston technology to our advanced oil-injected screw technology.

While pistons are commonly chosen for smaller compressors, the UNICO offers compelling advantages for expanding businesses.

The UNICO platform delivers the best of both worlds: compact design with powerful performance, whisper-quiet operation, and minimal maintenance.

It integrates effortlessly into various operational settings, offering the robust performance of a screw compressor at the cost of a piston compressor.

Expect a significant boost in productivity and an elevated customer experience, making your operations smoother and more efficient than ever.

Experience a seamless transition at a compelling price point.

Transform your business with cutting-edge compressor technology.

Unlock Exceptional Performance and Savings by Switching from Silent Piston to BALMA's UNICO Compressor.



UNICO Compressor vs. Silent Piston: The Ultimate Showdown



Silent Piston Compressors



UNICO Compressors

Air Yield	Silent Pistons offer 70-75% of intake air;	UNICO provides 95%, achieving less power consumption for the same air delivery.
Footprint	Silent Pistons require more than 1 m ² for installation;	UNICO compressors are compact, saving up to 50% of space while offering better performance.
Sound Level	Silent Pistons exceed 67 dB(A);	UNICO operates between 60 and 63 dB(A), comparable to a household appliance.
Operation	Silent Pistons are suited for intermittent use;	UNICO is ideal for both intermittent and continuous use, adapting to your expanding needs.
Air Quality	Silent Pistons have high residual oil content and moisture;	UNICO provides low oil content and dry air, with integrated dryer options to safeguard your tools and lower maintenance costs.
Vibrations	Silent Pistons produce high vibrations;	UNICO has none, offering greater reliability and reduced downtime.
Starting Current	Silent Pistons require 7-10 times the nominal value;	UNICO features a starting current of 0.5 times the nominal value for VSD, lowering your installation costs.

Engineered for unwavering reliability, it ensures durability, builds confidence, and delivers consistent results.

With its ultra-silent operation, compact design, and minimal maintenance needs, the UNICO is perfect for businesses aiming to optimise operations and reduce their impact.



**Achieve Up to 25%
Energy Savings**



**Experience Up to 40%
Performance Boost**

Maximise Performance with the UNICO Compressor

Innovate and Save

Boost Your Profits, Cut Your Energy Costs with BALMA's UNICO Compressor

Experience advanced technology designed to minimise energy usage and maximise profits with BALMA's UNICO Compressor.

Elevate your business with outstanding performance, achieving up to 40% greater efficiency and 25% energy savings, whether in continuous or intermittent use.

The UNICO Compressor's robust design features easy service access and an optional integrated dryer for condensation-free, high-quality air.

Choose from the versatile UNICO 500 and UNICO 900 models, available in floor- and tank-mounted versions, ideal for small-scale operations such as body shops and workshops.

What the UNICO Delivers:

High Performance

Longer Working Hours

Quieter Operation

Cleaner Air

Lower Cost of Ownership



UNICO 500

- Up to 500 l/min Real FAD
- ROI in under a year
- Ideal for compact spaces with minimal tool needs



UNICO 900

- Up to 900 l/min Real FAD
- Immediate payback versus larger Silent Piston compressors
- Perfect for professional tools and compact equipment

Unlock the Full Potential with UNICO Technology

The Case for Switching to UNICO

BALMA's UNICO Compressor combines unparalleled reliability, compact design, and silent operation, making it the perfect solution for your immediate air needs. Its user-friendly, intuitive design simplifies operation, while its efficient performance delivers more air in less time, reducing energy consumption. By cutting CO₂ emissions and offering exceptional cost-effectiveness, the UNICO Compressor ensures a substantial return on your investment. Discover effortless operation with a user-friendly setup, monitoring, and control system that maximises uptime.

Our high-performance air-end design ensures reliability and consistent quality. With advanced inverter technology and a high turndown value, stress on components is minimised, while IP54 filter protection enhances durability. The premium PM motor, air-cooled and shielded by IP23, offers robust performance and adaptable air output tailored to your needs.

Condensate Control

Rotary screw compressors can struggle with condensation under low load conditions. The UNICO eliminates this risk.

Core Features



Exceptionally Quiet

The UNICO Compressor operates at a remarkably low 60 dB(A), comparable to a household appliance. Enjoy powerful performance without the disruptive noise, perfect for your shop floor.



Up to 30% Space Reduction

With a design that saves 30% more space compared to Silent Piston models, the UNICO Compressor optimises your workshop layout. Its compact form and reduced pressure fluctuations allow for efficient use of valuable floor space.



Reduced Maintenance

Benefit from reduced maintenance with the UNICO Compressor, requiring its first service only after 2000 hours or one year. Enjoy peace of mind with our Fixed Kit and transparent pricing, ensuring no unexpected costs.



Significant Energy Savings

Achieve up to 25% energy reduction compared to Silent Piston compressors with the UNICO, delivering efficiency without compromise.



Cost-effective to Purchase and Maintain

The UNICO Compressor is not only efficient but also cost-effective. It eliminates the need for a separate compressor room and complex piping, reducing both initial investment and operational costs. Experience higher Free Air Delivery with minimal pressure drops for substantial energy savings from day one.



Enhanced Reliability

Featuring a smoother start-up, the UNICO Compressor reduces stress on bearings and belts by 80%, extending lifespan and lowering maintenance costs. It also decreases inrush current, preventing electrical component overheating and avoiding utility penalties.

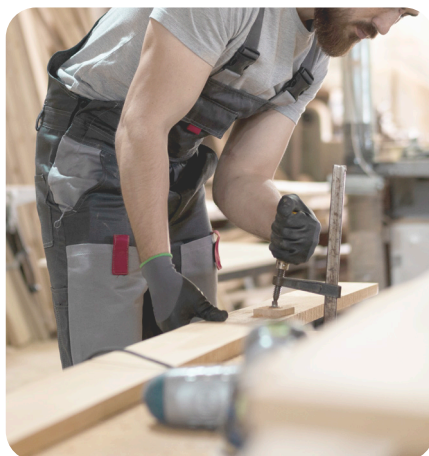
Customised Performance for Versatile Applications

Perfectly suited for small-scale environments

The UNICO Compressor is perfect for body shops, carpenters, small mechanical workshops, car and bike workshops, small equipment assembly, and professional laundries.



Body Shops



Carpentry



Small Mechanical Workshops



Car and Bike Workshops



Small Equipment Assembly



Automotive

Reasons to Invest

■ FLEXIBLE AIR OUTPUT:

The UNICO Compressor provides adaptable air output, making it ideal for body shops and light industries with varying demands.

■ SIGNIFICANT ENERGY SAVINGS:

Experience substantial reductions in energy consumption and CO₂ emissions, contributing to a more cost-effective operation.

Performance data

Model	Max. working pressure	Reference Working Pressure	FAD @ reference conditions*			Motor power		Noise level**
	bar	bar	m ³ /h	l/min	cfm	kw	hp	dB(A)
UNICO 500	10	9.5	29.9	498	17.6	4	5.5	60
UNICO 900	10	9.5	50.9	848	29.9	7.5	10	63

* Unit performance measured according to ISO 1217 ed. 4 2009, annex E

** Noise level measured according to ISO 2151 2004

Dimensions

Model	Dimensions (mm)			Weight
	Length	Width	Hieght	kg
Base mounted	780	615	946	99
Tank mounted 100 L*	1080	660	1354	123
Tank mounted 200 L	1550	750	1502	153
Tank mounted dryer 200 L	1550	750	1502	180

* Model only available for UNICO 500

ORIGINAL PARTS YOUR QUALITY ASSURANCE

The 'original part' identification confirms that these components passed our strict test criteria. All parts are designed to match the compressor and are approved for use on the specified compressor. They have been thoroughly tested to obtain the highest level of protection, extending the compressors' lifetime and keeping the cost of ownership to an absolute minimum. No compromises are made on reliability. The use of 'original part' certified quality components helps ensure reliable operation and will not impact the validity of your warranty, unlike other parts. Look for your quality assurance.



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