



# /// X 500 & X 900

**Achieve Unrivalled Performance and Savings with  
FIAC's Superior Compressor Technology**

*Italian technology since 1977 for a choice that lasts over time.*

***fiac***  
AIR COMPRESSORS

# REDEFINE YOUR OPERATIONS:

**Upgrade from Silent Piston Compressors to an Innovative and Future-ready Solution.**

Move from traditional Silent Piston technology to the innovation of advanced oil-injected screw technology, opening up a new generation of efficiency.

Piston technology is typically used for smaller compressors. However, advanced solutions such as the FIAC X 500 and X 900 offer significant advantages for companies looking to grow and expand.

**With a compact yet powerful design, whisper-quiet operation and minimal maintenance requirements, the X Range offers users the best of both worlds.**

Designed for a wide range of applications, it offers the durability of a screw compressor with the economy of a piston compressor.

**You can look forward to dramatically increased productivity and a superior user experience that will ensure your operations run more smoothly and efficiently than ever before.**

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**Enjoy a smooth transition  
at an attractive and  
competitive price.**

**Boost your  
business with the  
latest compressor  
technology.**

Upgrade from Silent  
Piston to advanced  
compressor technology  
for exceptional  
performance and  
savings.

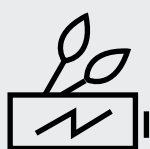




## A Direct Comparison: FIAC X Range Versus Silent Piston - Discover the Superior Choice!



	SILENT PISTON COMPRESSORS	X 500 & X 900 COMPRESSORS
<b>Air Yield</b>	Delivers 70-75% of intake air.	Delivers 95% of intake air, ensuring reduced power consumption for the same air output.
<b>Footprint</b>	Silent Pistons must be installed in a space of over 1 m <sup>2</sup> .	Its compact design saves up to 50% of space while improving performance.
<b>Sound Level</b>	Noise levels exceed 67 dB(A).	Operates quietly at 60 to 63 dB(A), which is similar to the noise level of a normal household appliance.
<b>Operation</b>	Silent pistons are perfect for when you only need them every now and then.	FIAC X 500 & X 900 compressors are suitable for intermittent and continuous use, adapting to your changing air needs.
<b>Air Quality</b>	Silent pistons are known for delivering a high oil content and moisture levels at the outlet.	The X Range offers dry air with low oil content and dryer options to protect tools and minimise maintenance costs.
<b>Vibrations</b>	During operation, silent pistons produce significant levels of vibration.	Operates without vibrations, providing enhanced reliability and minimising downtime.
<b>Starting Current</b>	Silent pistons require 7 to 10 times the nominal current to start.	The X Range absorbs at start 0.5 times the nominal current, which means you'll save money on installation.



**Made to be very reliable,  
it is long-lasting and always  
gets excellent results.**



**You can save as much as 25%  
on your energy costs.**



**The X Range is perfect for businesses  
that want to improve how they work  
and be kinder to the environment. It is  
very quiet, small and easy to look after.**



**Get up to 40% improvement in  
performance.**



## Make Operations as Efficient as Possible with the FIAC X 500 & X 900

### Innovate and Save



### Make More Money and Use Less Energy with FIAC X 500 & X 900 Compressors

FIAC X 500 & X 900 compressors with the advanced technology to use less energy and make more profit.

Make your business better with great performance. You can achieve up to 40% more efficiency and 25% energy savings, whether you use X 500 & X 900 all the time or just sometimes.

FIAC X 500 & X 900 compressors are strong and easy to service. They can also have a dryer built in, which makes sure the air is dry and clean.

You can choose from the X 500 and X 900 models. They are available in versions that can be fitted to the floor or to a tank. This makes them ideal for small businesses, such as body shops and workshops.



### Discover the Benefits of the X 500 and X 900

- ✓ **High Performance**
- ✓ **Longer Lifetime**
- ✓ **Quieter Operation**
- ✓ **Cleaner Air**
- ✓ **Lower Cost of Ownership**



**X 500**

- Up to 500 l/min Real FAD.
- Achieve ROI in less than a year.
- Ideal for small spaces.



**X 900**

- Up to 900 l/min Real FAD.
- Experience immediate returns compared to larger Silent Piston compressors.
- Ideal for use with professional tools and compact machinery.



## Discover the Advantages of FIAC X Range



### The Smarter Choice

The FIAC X 500 & X 900 compressors are the ultimate solution for air compression, combining reliability, compact design, and quiet operation with efficient performance in any setting.

Designed with ease of use and intuitive functionality in mind, the compressor simplifies operation while delivering more airflow in less time and using less energy. Enjoy seamless operation with an intuitive setup, monitoring and control system designed to maximise uptime. The advanced design of our high-performance air-end delivers outstanding reliability and ensures top-quality results every time. Advanced inverter technology with a high turndown ratio minimises component stress and offers robust IP54 filter protection, ensuring a longer service life. Offering reliable performance and flexible air delivery to suit your specific requirements, our premium PM motor is air cooled and IP23 rated.

### Condensation Management

Rotary screw compressors may experience condensation during low load conditions, but the X Range effectively eliminates this risk.

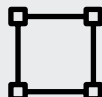


### Main Advantages



#### Peacefully Quiet

Designed for your workshop, FIAC X 500 & X 900 operate at an impressively low noise level of 60 dB(A), comparable to the sound of a household appliance. Enjoy powerful performance without the annoying noise.



#### 30% Space reduction

The FIAC X 500 and X 900 compressors both offer 30% more space savings compared to silent piston models. Their compact design optimises your workshop layout, freeing up valuable floor space without compromising performance. With lower pressure fluctuations, both models require a smaller tank, increasing efficiency.



#### Low-maintenance Design

Enjoy lower maintenance with the FIAC X 500 and X 900 compressors, which need their first service only after 2,000 hours or one year of use. With our Fixed Kit and transparent pricing, you can have peace of mind, knowing there won't be any unexpected costs or surprises.



#### Optimised Energy Consumption

FIAC X 500 & X 900 compressors achieve up to 25% energy savings for efficiency without compromise compared to Silent Piston models.



#### Affordable Ownership and Operation

Both the FIAC X 500 and X 900 compressors offer more than efficiency—they're also cost-effective. They reduce initial investment and operating costs by eliminating the need for a separate compressor room and complex pipework. With higher free air delivery and minimal pressure drops, both models ensure significant energy savings from day one.



#### Superior Durability

X 500 & X 900 offer a smoother and more gradual start-up, which reduces stress on bearings and belts by 80%. This extended lifespan leads to lower maintenance costs. Additionally, this start-up process minimises inrush current, making it suitable for installation even where the available power is lower.





## Tailored Performance for Diverse Applications, Perfectly Adapted to Small-Scale Environments

FIAC X 500 & X 900 compressors are perfect for body shops, carpentry, small mechanical workshops, automotive and motorcycle workshops, small appliance assemblies, and professional laundries.



### Vehicle Repair Specialists



### Woodworking Professionals



### Precision Mechanical Workshops



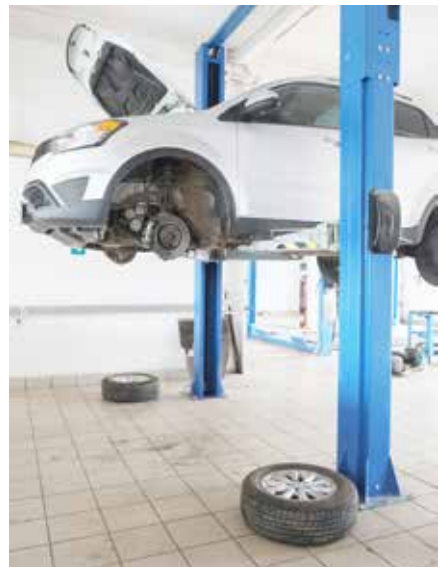
### Automotive and Bike Repair Centres



### Compact Equipment Assembly



### Automotive Industry Applications



## Advantages of Ownership

- ✓ Due to their flexible and adaptable air output, X 500 & X 900 are ideal for body shops and light industrial applications with varying air requirements.
- ✓ The FIAC X 500 and X 900 compressors provide significant energy savings, making them a responsible and cost-effective choice for your business.

## Performance data

MODEL	MAX. WORKING PRESSURE	REFERENCE WORKING PRESSURE	FAD @ REFERENCE CONDITIONS*			MOTOR POWER		NOISE LEVEL**
	bar	bar	m <sup>3</sup> /h	l/min	cfm	kw	hp	dB(A)
<b>X 500</b>	10	9.5	29.9	498	17.6	4	5.5	60
<b>X 900</b>	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 (kg)
	Length	Width	Height	
<b>Base mounted</b>	780	615	946	99
<b>Tank mounted 100 L*</b>	1080	660	1354	123
<b>Tank mounted 200 L</b>	1550	750	1502	153
<b>Tank mounted dryer 200 L</b>	1550	750	1502	180

\* Model only available for X 500



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Product requirements are indicative.

The images are purely indicative.