

MADE IN ITALY



**POWER
SYSTEM**
AIR COMPRESSORS

Belt-driven
rotary screw
compressors

MERCURY
SIRIO
5.5-11 kW



MERCURY - SIRIO

Belt-driven rotary screw compressors

From 5.5 to 11 kW, pressure range at 8 and 10 bar.



Premium efficiency IE3 motors

Fully focused on combining maximum reliability with optimum energy efficiency.



Very silent

The fan design along with the careful arrangement of all other components within the machine added to extensive sound insulation results in the MERCURY and SIRIO, offering very low operating noise levels.



Robust, compact, space saving design

The MERCURY and SIRIO screw compressors are built using the highest quality components throughout. The attention to detail in the build, finishing and testing of the product results in a high performance, high reliability and silent operation. The compact design is ideal for installation when space is restricted or in situations when the compressor needs to be installed near the production activity.



Long service life

The POLY-V belt-drive ensures significantly lower power losses and three times the service life compared to standard range "V" type belts fitted to other compressors on the market.



Made in Italy air-ends

Our high performance and extremely reliable PS 26 and PS 14 air-ends are entirely designed and produced in our Italian facilities.



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Optimal control and adjustment

The innovative ETMII controller fitted to the MERCURY and SIRIO ranges has been specifically developed to guarantee optimum monitoring and regulation of the compressors operation, allowing flexibility and full programming of the compressor, for maximum efficiency and safety.

Unbeatable features

- OUR OWN AIR ENDS
- OUR OWN CONTROLLERS
- OUR OWN INTAKE REGULATORS



ETMII controller

The ETMII electronic controller manages all compressor functions and enables system diagnostics.

Main functions: double hour counters (total hours, load hours), 4 maintenance hour counters, remote ON/OFF control and phase sequence relay to check air-end direction of rotation.



Cooling system

Cooling system designed for operation even in extreme conditions, ensuring the ideal working temperature.

The compressor cabinet is cooled by the axial fan directly controlled by the ETMII, in order to quickly reach and maintain the operating temperature ideal for efficient operation.

Unique design

Intake regulator, separator unit and minimum pressure/check valve by our own design and production.

Oil filter and separator filter are spin-on type to grant high efficiency and easy maintenance. Both filters are installed on a common block designed and manufactured by Power System.

Mercury

5.5 kW

	Power		Air delivered			Max. pressure		Sound level	Connec-tion	Net weight		Net dimensions
	kW	HP	m³/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	Ø	kg	Lbs	LxWxH (cm)
MERCURY TRONIC 5.5-08	5.5	7.5	0.72	43.2	25.4	8	116	64	1/2"	125	276	60 x 52 x 78
MERCURY TRONIC 5.5-10	5.5	7.5	0.65	39	22.9	10	145	64	1/2"	125	276	60 x 52 x 78

Sirio

7.5-11 kW

	Power		Air delivered			Max. pressure		Sound level	Connec-tion	Net weight		Net dimensions
	kW	HP	m³/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	Ø	kg	Lbs	LxWxH (cm)
SIRIO 7.5-08	7.5	10	1.25	75	44.1	8	116	68	3/4"	185	407	80 x 65 x 98
SIRIO 7.5-10	7.5	10	1.00	60	35.3	10	145	68	3/4"	185	407	80 x 65 x 98
SIRIO 11-08	11	15	1.65	99	58.2	8	116	69	3/4"	200	440	80 x 65 x 98
SIRIO 11-10	11	15	1.50	90	53	10	145	69	3/4"	200	440	80 x 65 x 98

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 bar at the compressor outlet. ± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.



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The science of compressed air.



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