

Made in Italy 

# MILANO SERIES

ROTARY SCREW COMPRESSORS  
DIRECT COUPLING  
AT FIXED OR VARIABLE SPEED

Power from 18.5 to 160 Kw - Flow rate from 1.050 to 26.600 l/min - Pressure from 8 to 15 bar



## Efficiency, silence and energy saving!

Onair, a new brand entirely dedicated to air compression, comes from the twenty-year experience of Adicomp, world-leading company in the production of special and gas compressors.

The MILANO direct coupling compression control units represent the industrial compressor par excellence, thanks to the efficiency of the power transmission system made with an elastomer mechanical joint, which minimises vibrations ensuring machine reliability and durability.

### Applications

The experience gained over the years and in several re-engineering and development processes, has made it possible to create a line of versatile compressors, suitable for any type of continuous use and industrial application requiring flexibility and large air flows.

Entirely designed and made in Italy, the sturdy construction of the MILANO compressors allows them to operate even in extreme climatic conditions.

### Range of models

- Version with fixed speed star/delta start-up.
- Version with variable speed inverter.



### Direct coupling

The lubricated single-stage screw compression unit of the MILANO compressors is driven directly by an electric motor by means of a flexible joint. The direct transmission is undoubtedly an important benefit in machines of this power range, since it ensures maximum performance and reliability even in continuous service.

### Pumping unit

All the Onair line compressors are equipped with a pumping unit from our parent company **Termomeccanica**.

### Cooling system

A new type of **radial electric fans** is used in the MILANO compressor cooling system, which ensure high cooling performance of the machine and at the same time reduce its noise.

### Inverter

The use of the inverter, optional on all the MILANO series models, ensures that the compressor flow rate follows the compressed air consumption in real time. By doing so, there is considerable energy saving since the motor absorbs electric power only according to the actual demand for compressed air.



### WIDE RANGE

The MILANO series compressors are available in a wide range of powers (**from 18.5 to 160 kW**) and pressures (**8 and 10 bar. On request, up to a maximum of 15 bar**). They can be configured in fixed or variable speed version (INV). Depending on whether the inverter is present or not, the air delivery ranges from 1.050 to 26.600 l/min.



### GREEN VOCATION

Thanks to the use of highly efficient electric motors, the Onair compressors minimise energy consumption. The noise level of the machine is also low, thanks to the use of a new type of radial electric fans and a careful study of the cabin ergonomics.



### PLUG & PLAY

The compact design of the MILANO compressors makes installation quick and easy. In fact, simply connect the machine to the power and pneumatic line and the compressor is immediately operational. Routine maintenance is easy, since all the internal mechanical parts can be easily accessed and inspected.



### TRANSPORTABILITY

The panel at the base and the compact dimensions of the MILANO compression control units make it possible to easily lift and transport them using a forklift or pallet truck.



### ELECTRONIC BOARD

The controller installed on the MILANO compressors is used to view and set the main operating parameters of the machine both via the integrated keypad and remotely, simply by connecting the compressor to a PC. The graphic interface of this electronic board makes it possible to immediately view alarms, operation notifications and all information on



maintenance. The board is designed to control up to 4 compressors in "master-slave" mode. By using a plug&play, wi-fi or cable configuration, it is also possible to control the compressor remotely by simply using a PC or tablet, thus considerably reducing intervention times and costs.

# MILANO SERIES

## ROTARY SCREW COMPRESSORS

### DIRECT COUPLING

### AT FIXED OR VARIABLE SPEED



Model	Power kW - hp	Maximum pressure <sup>(5)</sup>		Free air delivery <sup>(2)</sup> Model without inverter		Free air delivery <sup>(2)</sup> Model with inverter		Noise level <sup>(3)</sup> dB (A)	Weight kg	Dimensions cm				
						bar	psi				l/min	m <sup>3</sup> /h	INV <sup>(1)</sup>	
													l/min	m <sup>3</sup> /h
MILANO 18.5-08B	18.5 - 25	8	116	2.800	168	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	66	488	152x99x136				
MILANO 18.5-10B	18.5 - 25	10	145	2.500	150	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	66	488	152x99x136				
MILANO 18.5-10C	18.5 - 25	8	116	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	1.050/2.960	63/177	66	508	152x99x136				
MILANO 18.5-10C	18.5 - 25	10	145	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	1.050/2.600	63/156	66	508	152x99x136				
MILANO 22-08C	22 - 30	8	116	3.600	216	1.050/3.600	63/216	67	516-536	152x99x136				
MILANO 22-10C	22 - 30	10	145	3.150	190	1.050/3.150	63/189	67	516-536	152x99x136				
MILANO 30-08C	30 - 40	8	116	4.630	278	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	70	554	152x99x136				
MILANO 30-10C	30 - 40	10	145	4.100	246	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	70	554	152x99x136				
MILANO 30-08H	30 - 40	8	116	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	2.000/4.800	120/288	70	589	152x99x136				
MILANO 30-10H	30 - 40	10	145	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	2.000/4.250	120/255	70	589	152x99x136				
MILANO 37-08D	37 - 50	8	116	6.100	366	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	70	687	170x115x157				
MILANO 37-10D	37 - 50	10	145	5.200	312	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	70	687	170x115x157				
MILANO 37-10H	37 - 50	8	116	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	2.000/5.900	120/354	70	727	170x115x157				
MILANO 37-10H	37 - 50	10	145	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	2.000/5.250	120/315	70	727	170x115x157				
MILANO 45-08D	45 - 60	8	116	7.400	444	2.000/7.200	120/432	70	820/860	170x115x157				
MILANO 45-10D	45 - 60	10	145	6.500	390	2.000/6.500	120/390	70	820/860	170x115x157				
MILANO 55-08D	55 - 75	8	116	8.860	532	3.000/8.900	180/534	70	1.500-1.500	215x130x200				
MILANO 55-10D	55 - 75	10	145	7.550	453	3.000/8.000	180/480	70	1.500-1.500	215x130x200				
MILANO 55-08G	55 - 75	8	116	9.350	560	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	70	1.540	215x130x200				
MILANO 55-10G	55 - 75	10	145	8.110	486	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	70	1.540	215x130x200				
MILANO 75-08D	75 - 100	8	116	12.000	720	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	70	1.680	215x130x200				
MILANO 75-10D	75 - 100	10	145	10.500	630	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	70	1.680	215x130x200				
MILANO 75-08G	75 - 100	8	116	12.000	720	3.400/12.000	204/720	70	1.720-1.720	215x130x200				
MILANO 75-10G	75 - 100	10	145	10.600	636	3.400/10.800	204/648	70	1.720-1.720	215x130x200				
MILANO 90-08G	90 - 125	8	116	14.000	840	6.500/14.000	204/840	70	2.200-2.200	215x130x200				
MILANO 90-10G	90 - 125	10	145	13.000	780	6.500/13.000	204/780	70	2.200-2.200	215x130x200				
MILANO 90-10M1	90 - 125	8	116	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	6.500/15.000	390/900	70	2.350	215x130x200				
MILANO 90-10M1	90 - 125	10	145	N.A. <sup>(4)</sup>	N.A. <sup>(4)</sup>	6.500/13.500	390/810	70	2.350	215x130x200				
MILANO 110-08M1	110 - 150	8	116	18.500	1.110	6.500/18.500	390/1.100	70	2.450-2.450	215x130x200				
MILANO 110-10M1	110 - 150	10	145	16.000	960	6.500/16.500	390/990	70	2.450-2.450	215x130x200				
MILANO 132-08M1	132 - 180	8	116	21.000	1.260	6.500/21.500	390/1.290	70	3.100-3.100	320x200x223				
MILANO 132-10M1	132 - 180	10	145	19.500	1.170	6.500/19.000	390/1.140	70	3.100-3.100	320x200x223				
MILANO 160-08I	160 - 220	8	116	26.600	1.597	8.200/27.000	492/1.620	70	3.600-3.600	320x200x223				
MILANO 160-10I	160 - 220	10	145	23.000	1.380	8.200/24.000	492/1.440	70	3.600-3.600	320x200x223				

(1) Models with inverter. Add suffix INV to the model.

(2) Volume flow rates of the complete unit compliant with ISO 1217: 2009, annex C/E, suction pressure 1 bar (abs.), cooling and suction air temperature + 20°C.

(3) Sound pressure level compliant with ISO 2151 and basic Standard ISO 9614-2, tolerance: ±3dB (A).

(4) N.A. = version not available.

(5) On request, pressures up to a maximum of 15 bar.

Complete technical data are available on the website [www.onaircompressors.com](http://www.onaircompressors.com).

ONAIR is a brand of

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