NARDI COMPRESSORI
BREATHING AIR

PACIFIC MX

BREATHING AIR
according to DIN EN 12021

DELIVERY
l/min 500 - 850
m^3h 30 - 51

PRESSURE
BAR 225 / 330 / 420
PSI 3250 / 4800 / 6000



TÜV SÜD ISO 9001

Quality system certified
to iso 9001

All technical data may be changed

MADE IN ITALY BY NARDI COMPRESSORI

www.nardicompressori.com

Proprietà di NARDI® COMPRESSORI

PACIFIC MX

BREATHING AIR is a product line that includes several products made by NARDI COMPRESSORI which are designed to provide breathable air for the filling of cylinders for different applications (i.e.: scuba diving, safe & rescue, military, etc.). PACIFIC is a group of compressors of different capacities that have a very high efficiency and are mechanically very robust to ensure many hours of operation. PACIFIC MX are compressors within the PACIFIC group that have free air delivery rates from 480 liters per minute to 850 liters per minute.

QUALITY OF COMPRESSOR BLOCK

The compressor block or pump unit is the heart of the PACIFIC compressors and it is a critical component in which NARDI has put particular attention. It has features that make it unique in the world. Among these, the use of light alloys with high thermal efficiency, such as aluminum alloys that are also used for the construction of the cylinders. The pump unit does not undergo any paint coating to enhance the heat dissipation of its low corrosion assembling elements.



The bearings of the crankshaft have rollers, extremely robust and made in Europe which guarantee a long life of the compressor. An oil pump provides a constant lubrication of the inner workings of the block with oil cleaned of impurities by a filter and by a magnet which catches any metals present in the lubricating oil.

The compressed air cooling is obtained by inter-stage stainless steel cooling coils.

EFFICIENCY OF THE FRAME

The sound insulated frame or cabinet is constructed with panels that are designed to work in harsh conditions and to withstand harsh environments. In addition to this the sound absorbing internal lining of the panels make the cabinet very quiet. The large wing-shaped fan blades guarantee not only a very low sound pressure but also a highly efficient ventilation.

CONTROL AND ELECTRONICS

For proper operation of the compressor, NARDI has designed a new electronic control panel. This new system, controls all the key points as temperature, oil level, current consumption, inlet pressure, outlet pressure and manages all the valves and solenoid valves. In addition to this, the electronic control panel handles the service schedule and monitors the status of the filtering system.

PURITY OF FILTERING SYSTEM

The compressor is equipped with various filters and separators, besides two separators assembled on the compressor block and one more assembled on the cabinet which is specific for air. The compressor is equipped with two large filters that guarantee many work hours providing breathable air, in conformity with the standard UNI EN 12021:2014. Then with the innovative **Air Control System** that analyses the air compressed in continuous flow in interfacing with the electronic panel and showing in real time humidity level, CO level, CO2 level, O2 level and VOC on request.

This system does not calculate or check the cartridge empirically but makes an analysis and when the results are not in conformity with breathing air standards it stops the compressor automatically.

ECONOMY

Everything in the compressor is designed to optimize both the operating costs as well labour costs. Service of the compressor in addition of being rather inexpensive is scheduled at long time intervals. When the compressor is in operation to optimize the cost NARDI has designed the automatic condensate drain of the compressor, which is equipped with a unique patented **SLOW FLOW SYSTEM** that reduces the quantity of gas expelled by 80% saving on pressurization of the entire system.

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1 Compressor Block
2 3-Phase Electric Motor
3 Filter Separator
4 First Filter PAC3
5 Second Filter PAC3



6 Condensate Drain
7 Pressure Gauges – Valves Outlet Pressure
8 Electronic Control Panel
9 Sound Absorbing Panels
10 Access door to the compressor

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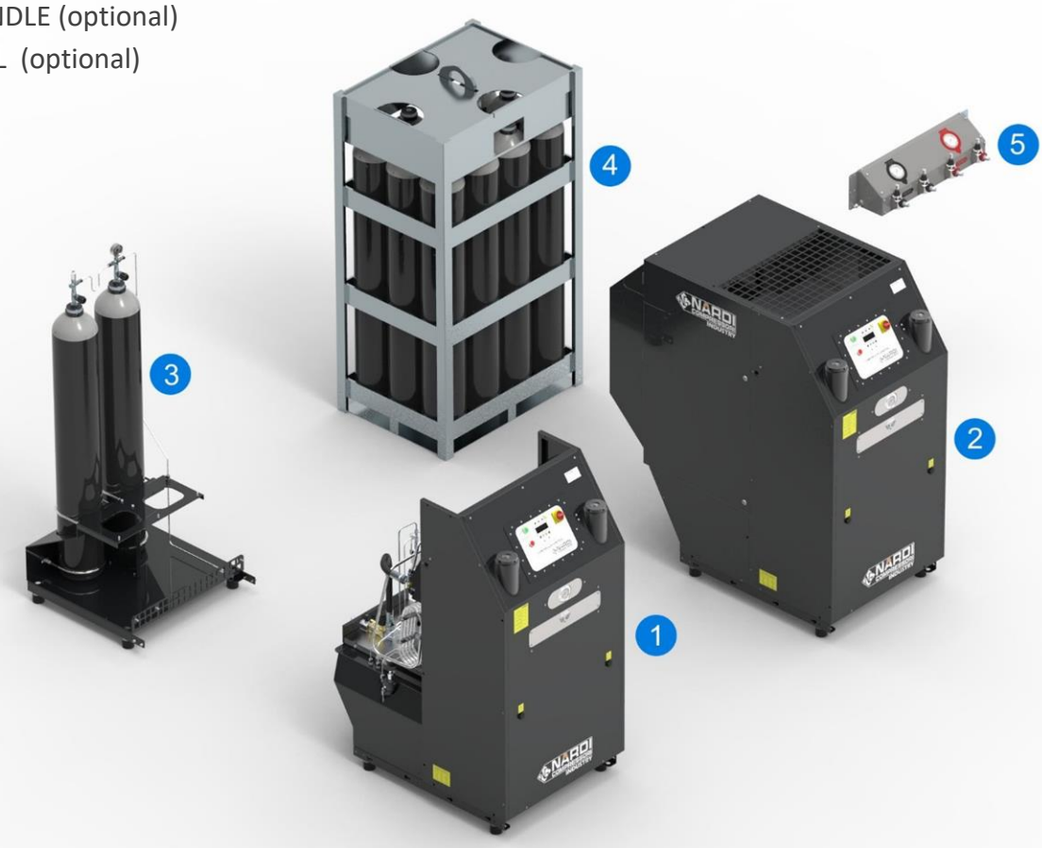
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BREATHING AIR

1 OPEN FRAME COMPRESSOR
2 SILENCED COMPRESSOR
3 STORAGE 2 CYLINDERS (optional)
4 STORAGE BUNDLE (optional)
5 FILLING PANEL (optional)



Compressor Model	Charging Rate		Filtration System	Stages	Revolution	Power		Noise	Weight		Dimensions
Modello Compressore	Aria resa		Sistema filtrante	Stadi	Giri	Motore		Rumore	Peso		Dimensioni
Type	l/min.	m³/h	Bar	N°	Rpm	HP	Kw	Db	Kg	Lbs	cm (LxWxH)
PACIFIC MX 50	500	30	PAC3	3	1100	15	11	72	460	1014	87 x 156 x 173
PACIFIC MX 60	600	36	PAC3 + PAC3	3	1300	15	11	72	500	1102	87 x 156 x 173
PACIFIC MX 60/4	600	36	PAC3 + PAC3	4	950	15	11	72	500	1102	87 x 156 x 173
PACIFIC MX 68	680	42	PAC3 + PAC3	4	1100	20	15	75	520	1146	87 x 156 x 173
PACIFIC MX 85	850	51	PAC3 + PAC3	4	1300	25	18.5	75	620	1367	87 x 156 x 173

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SUBJECT TO TECHNICAL MODIFICATIONS

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