

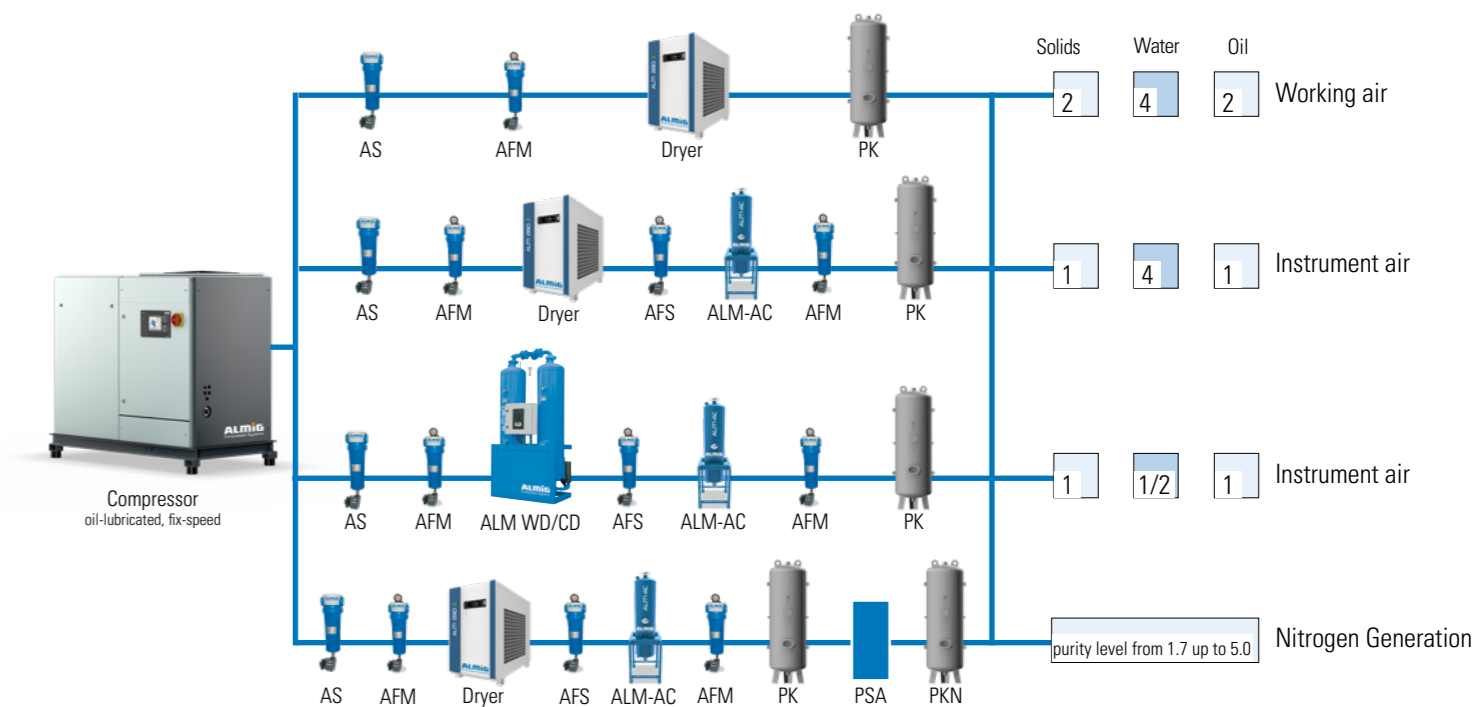
MARINE SCREW COMPRESSORS



Technical data

TYPE	Capacity (nom. pres.)			Nominal pressure		Weight [kg]	Dimensions (L x W x H) [mm]
	[m³/h]	[m³/min]	[cfm]	[barg]	[psi]		
BELT MA 12	90	1,50	53,0	8	115	425	1275 x 810 x 1175
BELT MA 12	70	1,17	41,3	10	145	425	1275 x 810 x 1175
BELT MA 17	130	2,17	76,6	8	115	435	1275 x 810 x 1175
BELT MA 17	110	1,83	64,6	10	145	435	1275 x 810 x 1175
BELT MA 21	170	2,83	100,1	8	115	450	1275 x 810 x 1175
BELT MA 21	150	2,50	88,3	10	145	450	1275 x 810 x 1175
BELT MA 21	125	2,08	73,6	12	175	450	1275 x 810 x 1175
BELT MA 24	200	3,33	117,7	8	115	485	1275 x 810 x 1175
BELT MA 24	180	3,00	105,9	10	145	485	1275 x 810 x 1175
BELT MA 24	140	2,33	82,4	12	175	485	1275 x 810 x 1175
BELT MA 33	270	4,50	158,9	8	115	580	1275 x 810 x 1175
BELT MA 33	240	4,00	141,3	10	145	580	1275 x 810 x 1175
BELT MA 33	200	3,33	117,7	12	175	580	1275 x 810 x 1175
BELT MA 41	310	5,17	182,5	8	115	595	1275 x 810 x 1175
BELT MA 41	275	4,58	161,9	10	145	595	1275 x 810 x 1175
BELT MA 41	240	4,00	141,3	12	175	595	1275 x 810 x 1175
BELT MA 51	420	7,00	247,2	8	115	995	1520 x 850 x 1355
BELT MA 51	380	6,33	223,7	10	145	995	1520 x 850 x 1355
BELT MA 51	340	5,67	200,1	12	175	995	1520 x 850 x 1355
BELT MA 62	520	8,67	306,1	8	115	1095	1520 x 850 x 1355
BELT MA 62	460	7,67	270,7	10	145	1095	1520 x 850 x 1355
BELT MA 62	420	7,00	247,2	12	175	1095	1520 x 850 x 1355
BELT MA 84	580	12,7	341,4	8	115	2020	2300 x 1400 x 1860
BELT MA 84	540	11,8	317,8	10	145	2020	2300 x 1400 x 1860
BELT MA 84	524	8,73	308,3	12	175	2020	2300 x 1400 x 1860

Compressed air quality classes



Explanations

AS	Cyclone separator	AFM	Microfilter	ALM-AC	Activated carbon adsorber	PSA	Pressure Swing Adsorption
PK	Compressed air tank	AFS	Submicrofilter	ALM-WD/ALM-CD	Adsorption dryer	PKN	Nitrogen storage tank
AS	Cyclone separator	ALM	Refrigeration dryer				

Worldwide service partners and subsidiaries

The range of services offered by ALMIG Marine Compressors includes not only the training of service personnel but also customer support over the lifetime of the compressor and the provision of spare parts for all stages of maintenance. Our customers include original equipment manufacturers from the shipping industry, spare parts suppliers as well as renowned shipyards and shipping companies. You can rely on our service! With our telephone hotline, the possibility of remote diagnosis and our worldwide service network, we are always there for you - no matter where in the world the ship is located.



MARINE SECTOR

Reliable products even under harsh conditions.

Our marine compressors, which have been specially designed, adapted and certified for use under harsh conditions, are impressive due to their reliability, robustness (even at ambient temperatures of up to 50 °C) and a design that offers a high degree of flexibility and is nevertheless less expensive than conventional gear solutions. By replacing a few components, economical and fast adaptation to changing operating requirements (e.g. changing ultimate pressure) is possible. Our modern control systems, which are completely integrated in the compressor housing with a touch screen control panel in the switch cabinet, offer easy operation as well as a wide range of adjustment options for the important process parameters. As a matter of course integration into a higher-level control system is a popular feature, also in terms of Industry 4.0.

In addition to the optimised design of the compressor, we guarantee rapid availability of all relevant spare and service parts through our globally based partners and dealers. Through our customer service we help you 24 / 7 directly on request by phone or e-mail.

Exhaust filter cleaning



Robust compressors for cleaning and control air

Our single-stage, oil-injected, air-cooled screw compressors, manufactured in Germany, convince by their compact arrangement of the components and are suitable for installation close to walls or even in corners.

All our compressors are manufactured in Germany according to the requirements for CE marking.

- Flow rates from 1.50 up to 5.17 m³/min at 8 bar(g)
- Compressors are also available for 10 or 12 bar(g).

Control air and working air



Efficient compressors for control and working air

Reliability, durability and energy efficiency are just some of the features of our marine compressors. A class tested motor with overload protection and standstill heating ensures safe operation under tough conditions. Optional features such as oil heating, automatic self start in case of voltage drop, external ampere meter, special colour, halogen-free wiring, shock absorbers, side-mounted cyclone separator or signal lamp for the standstill heater are part of our standard Marine product portfolio.

The highly efficient ALMiG marine compressor meets the high ALMiG quality standards of all compressor series and is individually tested and certified by a representative of the Ship Classification Society (acceptance according to customer requirements).

- Flow rates from 5.42 - 8.67 m³/min at 8 bar(g) and 12 bar(g)
- Air-cooled, fresh water-cooled and seawater-cooled versions are available

Air lubrication and N2 generation



Water-cooled ship compressors up to 500 kW

ALMiG offers marine compressors up to 500 kW for nitrogen generation, air lubrication and the loading and unloading of bulk material.

In addition to an open, cost-saving design, this marine compressor series includes a robust drive motor with high power reserves and an extremely compact arrangement, which means that the compressor has a footprint starting at 1.5 m².

Useful features such as a cyclone separator installed on the side, an integrated water filter for fresh water cooling or a high degree of monitoring by additional sensors ensure optimum, trouble-free operation. The use of motors with maximum efficiency, compressor stages developed and produced in-house and the lowest possible internal pressure losses add up to a double-digit efficiency advantage over the competition.

- Flow rates from 10.43 - 68.80 m³/min at 8 bar(g)
- Alternative versions with fresh water or sea water cooling are available on request.

