

INTELLIGENTE DRUCKLUFT MADE IN GERMANY

In line with the customer's needs

With our innovative system concepts we offer customised solutions for almost all applications. Our endeavour lies not only in supplying compressors, we

offer ourselves as a competent system provider capable of offering solutions to all users of compressed air. That does not only apply to the consultation and installa-

tion phase of your new compressor(s), but naturally continues in all areas of service, maintenance and visualisation.
Challenge us!

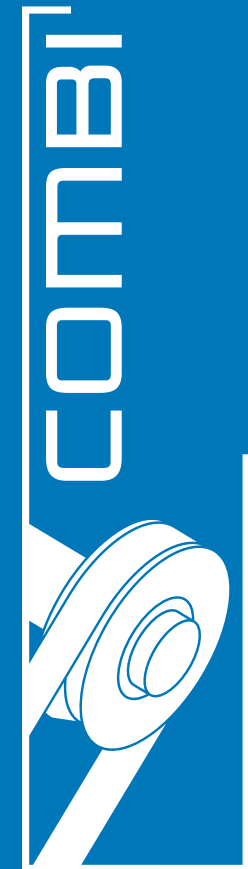
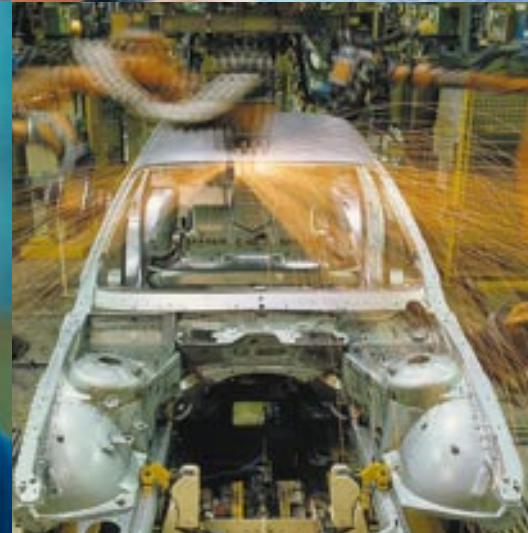
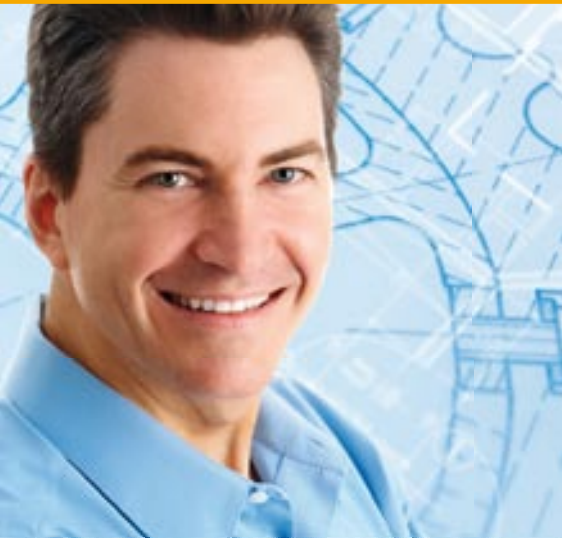
Screw compressors	Piston compressors	Turbocompressors	Blower	Complete accessories	Control, regulate, monitor
<ul style="list-style-type: none"> constant speed 2.2–500 kW/5–13 bars variable speed-controlled and direct drive 2.2–355 kW/5–13 bars oil-free, with water injection 15–80 kW/5–13 bars 	<ul style="list-style-type: none"> oil-free, up to 10 bars 1.5–11.4 kW for normal pressure up to 10 bars 1.5–15 kW for medium pressure up to 15 bars 1.5–15 kW for high pressure up to 400 bars 2.2–55 kW as a booster for an input pressure up to 10 bars and an output pressure up to 40 bars 2.2–18.5 kW 	<ul style="list-style-type: none"> for oil-free compressed air 65–1000 kW two-stage up to 9 bars three-stage up to 10 bars 	<ul style="list-style-type: none"> at constant speed 1.5–55 kW 300–1000 mbars with speed control and direct drive 3–55 kW 300–1000 mbars 	<ul style="list-style-type: none"> refrigerant dryers 0.33–85 m³/min desiccant dryers 0.08–145 m³/min activated carbon adsorbers 0.08–145 m³/min filters, all particle sizes 0.5–225 m³/min complete condensate management up to 120 m³/min 	<ul style="list-style-type: none"> base load changeover controls consumption-related controls visualisation (we bring your compressed air to the PC) tele-monitoring (the hotline of your compressed air station)



Your expert advisor

SCREW COMPRESSORS

Volumetric flow rate: 0.21 – 3.36 m³/min • 7 – 124 acfm



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ALMiG Kompressoren GmbH

A name that guarantees top-grade technology in the compressed air sector. ALMiG has emerged from a company with a long tradition whose products in the compressed air industry have always stood for quality, innovation and consideration of its customers.

Today ALMiG is an extremely flexible company which can react fast to special customer requests. It stands by its customers as a competent partner, giving advice and practical support.

It goes without saying that as one of the leading suppliers of advanced compressed air systems, our commitment to continuous research and development forms the basis for all the plants we manufacture.

They meet the acceptance criteria in compliance with:

- ISO 1217-3 Annex C-1996
- ASME
- OSHA

and comply with the CE guidelines.

Even the most stringent acceptance criteria such as:

- DET NORSKE VERITAS
- GERMANISCHER LLOYD
- BUREAU VERITAS
- LLOYD' s REGISTER OF SHIPPING
- ABS

is a matter of course for us.

The company ALMiG is certified in compliance with:

- IRIS 02
- ISO 9001: 2008
- ISO 14001: 2004

Our motto is:

If you have stopped improving, you have stopped being good!

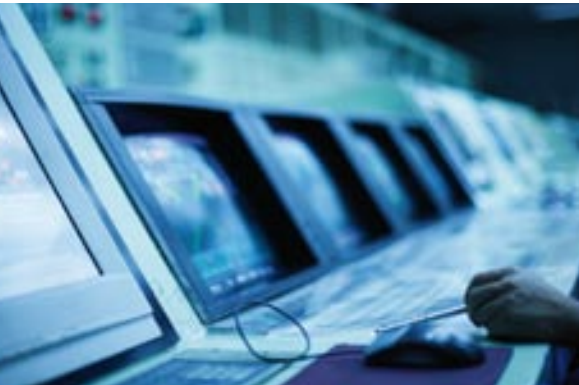
Clean, dry compressed directly by your workstation - thanks to the 4-in-1 system!

■ high quality compressed air – generated at low cost

■ variety of versions thanks to modular design

■ ready-to-connect, compact and quiet

■ reliable technology, tried and tested components



INTELLIGENT MODULAR SYSTEM

Naturally, the entire series is also available without receiver



COMBI 2S - 7S
200 l receiver



COMBI 6 - 15.1
270 l receiver



COMBI 16 - 22
500 l receiver





- Separating system** 1 highest compressed air quality thanks to proven multi-stage separation
- Air Control** 2 the intelligence of the compressor; thinks, monitors, records
- Drive system** 3 highly efficient, operationally reliable V-belt drive
- Air end** 4 high performance, excellent efficiency
- Cooling unit** 5 large surface area radiators for lowest compressed air outlet temperatures and optimum thermostat-controlled coolant temperatures
- Fan** 6 powerful, efficient, high performance
- Drive motor** 7 robust drive motor with reserves
- Treatment** 8 available with refrigerant dryer, pre- and after-filters in the standard versions (Combi 2S-7S only with refrigerant dryer), optionally also available without refrigerant dryer, pre- and after-filters

COMBI, the powerful total solution for:

- minor compressed air requirements
- and decentralised compressed air production



INTELLIGENT COMPONENT ARRANGEMENT



Treatment:
 available as standard with refrigerant dryer, pre- and after-filters*
 (Combi 2S-7S only with refrigerant dryer), optionally available
 only with refrigerant dryer, pre- and after-filters

* According to DIN ISO 8573 - 1 this means:

Residual constituents in compressed air	Volume	Class
Oil	0.1 mg/m ³	2
Particles	< 1 µm	2
Water	PDP 3 - 5° C/37 - 41 F	5

INTELLIGENT 4-IN-1 SYSTEM

COMBI – low-noise compact plant for small spaces

Our COMBI product series is the space-saving, economical 4-in-1 solution from ALMiG. It combines compressor, refrigerant dryer, filter system and receiver in a compact, powerful plant.

The small space requirement of 1m² and extremely low noise level enable these machines to be installed directly where you need the compressed air. This means that your company spares itself major investments in expensive compressed air piping.

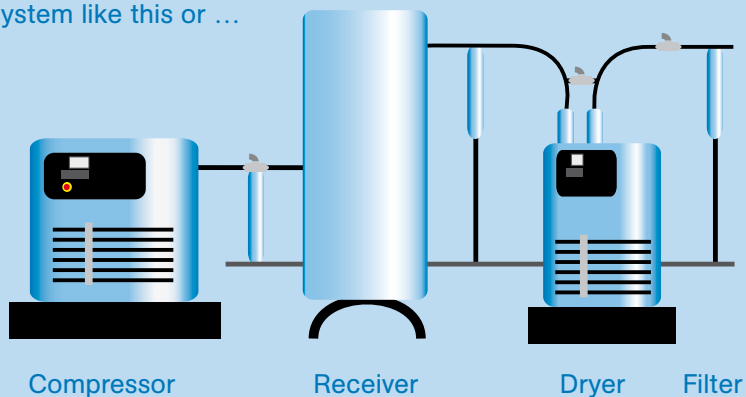
Another advantage of these new compact compressors is the low weight and ease with which they can be transported. A fork lifter is sufficient to install the entire compressed air station on site.

The product range comprises:

- 3 different sized receivers:
COMBI 2S - 7S: 200 l standard
COMBI 6 - 15.1: 270 l standard / 500 l optional
COMBI 16 - 22: 500 l standard
- Naturally, the entire COMBI series is also available without receiver
- with/without refrigerant dryer
- with/without compressed air filter
- diverse controls in accordance with your requirements
- plus many more advantages

COMBI, the complete compressed air station

A system like this or ...



... the COMBI!



the complete compressed air station

FACTS AND FIGURES

50 Hz	COMBI	Vol. flow rate according to ISO 1217 (annex C-1996)			Rated motor output kW	60 Hz	COMBI	Vol. flow rate according to ISO 1217 (annex C-1996)				Rated motor output HP
		8 bar	10 bar	13 bar				100 psig	125 psig	150 psig	190 psig	
		m³/min	m³/min	m³/min				acfm	acfm	acfm	acfm	
2S	0.27	0.21	-	2.2	2 / 3S	11	10	7	-	3		
3S	0.38	0.30	-	3	3 / 4S	15	13	10	-	4		
4S	0.55	0.47	0.34	4	4 / 5S	21	19	17	12	5.5		
5S	0.76	0.67	0.55	5.5	5 / 7S	28	28	25	20	7.5		
7S	0.98	0.92	0.82	7.5	7 / 10S	35	35	33	29	10		
6	0.83	0.72	0.62	5.5	6 / 8	30	28	25	21	7.5		
8	1.10	1.04	0.85	7.5	8 / 10	37	37	35	29	10		
11	1.60	1.39	1.22	11	11 / 15	59	55	48	42	15		
15	1.97	1.84	1.58	15	15 / 20	72	68	63	56	20		
15.1	2.18	1.94	1.71	15	15.1 / 20.1	79	75	66	59	20		
16	2.37	2.10	1.85	15	16 / 21	86	81	72	64	20		
18	2.85	2.62	2.31	18.5	18 / 25	106	98	91	82	25		
22	3.34	3	2.69	22	22 / 30	124	114	104	95	30		

Heat recovery systems available from COMBI 6 model upwards or rather COMBI 6 / 8

COMBI	Compressor		Compressor and dryer		Compressor and receiver (with or without dryer)										
	Dimensions L x B x H	Weight	Dimensions L x B x H	Weight	200 l (53 gal)			270 l (71 gal)			500 l (132 gal)				
					Dimensions L x B x H	Without dryer	With dryer	Dimensions L x B x H	Without dryer	With dryer	Dimensions L x B x H	Without dryer	With dryer		
														Weight	
mm (in)	kg (lbs)	mm (in)	kg (lbs)	mm (in)	kg (lbs)		mm (in)	kg (lbs)		mm (in)	kg (lbs)				
2S	720 x 550 x 950 (28.3 x 21.6 x 37.4)	125 (276)	1100 x 550 x 950 (43.3 x 21.6 x 37.4)	150 (331)	1400 x 550 x 1250 (55.1 x 21.6 x 49.2)	190 (419)	210 (463)	1120 x 685 x 1680 (44.1 x 27 x 66.1)	400 (882)	435 (959)	1900 x 685 x 1680 (74.8 x 27 x 66.1)	465 (1025)	500 (1102)		
3S		130 (287)		155 (342)		195 (430)	215 (474)								
4S		135 (298)		160 (353)		200 (441)	220 (485)								
5S		140 (309)		165 (364)		205 (452)	225 (496)								
7S		145 (320)		170 (375)		210 (463)	230 (507)								
6	1120 x 685 x 1128 (44.1 x 27 x 44.4)	285 (628)	1120 x 685 x 1128 (44.1 x 27 x 44.4)	320 (705)	1480 x 780 x 1375 (58.3 x 30.7 x 54.1)	440 (970)	475 (1047)	420 (926)	455 (1003)	440 (970)	475 (1047)	639 (1409)	679 (1497)		
8		290 (639)		325 (717)										405 (893)	440 (970)
11		295 (650)		330 (728)										410 (904)	445 (981)
15		305 (672)		340 (750)										420 (926)	455 (1003)
15.1		325 (717)		360 (794)										440 (970)	475 (1047)
16	1480 x 780 x 1375 (58.3 x 30.7 x 54.1)	454 (1001)	1480 x 780 x 1375 (58.3 x 30.7 x 54.1)	494 (1089)	1900 x 780 x 1950 (74.8 x 30.7 x 76.8)	658 (1451)	698 (1539)	704 (1552)	744 (1640)						
18		473 (1043)		513 (1131)											
22		519 (1144)		559 (1232)											