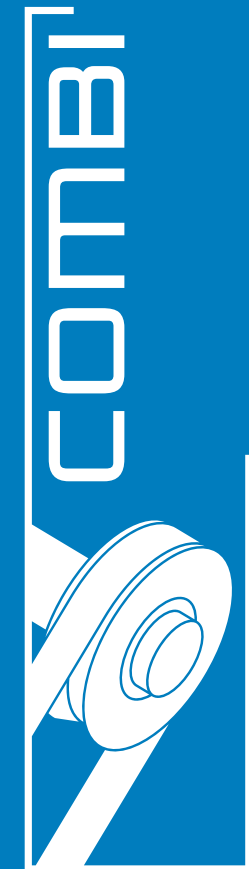


SCREW COMPRESSORS

Volumetric flow rate: 0.21 – 3.34 m³/min • 7 – 124 acfm



INTELLIGENTE DRUCKLUFT MADE IN GERMANY

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 for its customers.

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

As one of the leading suppliers of advanced compressed air systems, our commitment to continuous research and development forms the basis for all our products. ALMiG compressors are all manufactured in accordance with

- IRIS
- ISO 9001: 2000
- ISO 14001: 2004

They meet the conditions for acceptance in compliance with:

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

and conform to the CE guidelines.

Compliance with the most stringent acceptance conditions, such as

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

is a matter of course for us.

Our motto is:

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

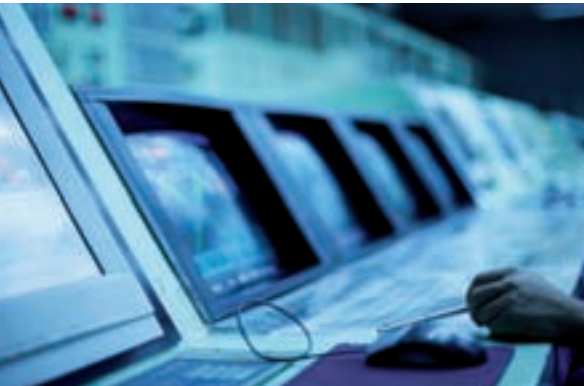
Clean, dry compressed directly by your workstation - thanks to the 4-in-1 system!

■ 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



COMBI 2S - 5S
200 l receiver



COMBI 6 - 15
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; 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



COMBI 6 - 15

Treatment:
 available as standard with refrigerant dryer, pre- and after-filters*
 optionally available without 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.

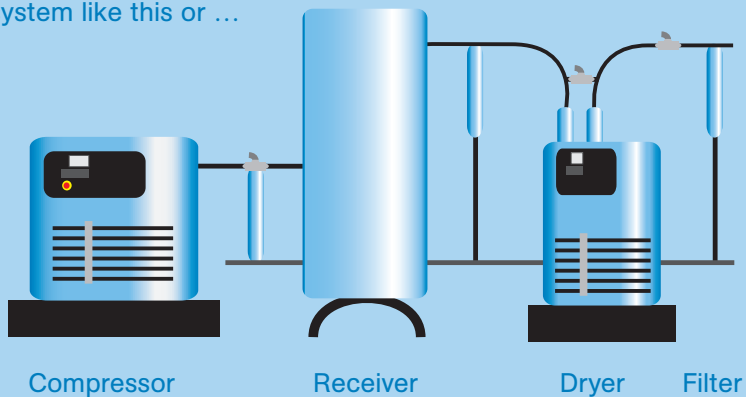
Another advantage of these new compact compressors is the low weight and ease with which they can be transported. A fork lifter is sufficient to install the entire compressed air station on site.

The product range comprises:

- 3 different sized receivers:
COMBI 2S - 5S: 200 l standard / 270 l optional
COMBI 6 - 15: 270 l standard / 500 l optional
COMBI 16 - 22: 500 l standard
- 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	Length	Width	Height	Weight ¹
	8 bars	10 bars	13 bars					
	m ³ /min	m ³ /min	m ³ /min					
				kW	mm	mm	mm	kg
2S*	0.27	0.21	-	2.2	1400	550	1250	190
3S*	0.38	0.30	-	3	1400	550	1250	195
4S*	0.55	0.47	0.34	4	1400	550	1250	200
5S*	0.76	0.67	0.55	5.5	1400	550	1250	205
6**	0.83	0.72	0.62	5.5	1120	685	1680	400
8**	1.10	1.04	0.85	7.5	1120	685	1680	405
11**	1.60	1.39	1.22	11	1120	685	1680	410
15**	1.97	1.84	1.58	15	1120	685	1680	420
15.1**	2.18	1.94	1.71	15	1120	685	1680	475
16***	2.37	2.10	1.85	15	1900	780	1950	639
18***	2.85	2.62	2.31	18	1900	780	1950	658
22***	3.34	3	2.69	22	1900	780	1950	704

60 Hz										
COMBI	Vol. flow rate according to ISO 1217 (annex C-1996)				Rated motor output	Length	Width	Height	Weight ²	
	100 psig	125 psig	150 psig	190 psig						
	acfm	acfm	acfm	acfm						
					HP	inch	inch	inch	lbs	
2 / 3S*	10	9	7	-	3	55.1	21.7	49.2	418	
3 / 4S*	14	13	10	-	4	55.1	21.7	49.2	429	
4 / 5S*	20	19	16	12	5.5	55.1	21.7	49.2	440	
5 / 7S*	28	26	23	19	7.5	55.1	21.7	49.2	451	
6 / 8**	31	28	25	22	7.5	44.1	21.7	55.5	882	
8 / 10**	41	38	36	30	10	44.1	21.7	55.5	893	
11 / 15**	59	55	48	43	15	44.1	21.7	55.5	904	
15 / 20**	73	67	64	56	20	44.1	21.7	55.5	926	
15.1 / 20.1**	81	75	67	60	20	44.1	21.7	55.5	1045	
16 / 21***	88	81	73	65	20	74.8	27	66.2	1409	
18 / 25***	106	98	91	82	25	74.8	27	66.2	1451	
22 / 30***	124	114	104	95	30	74.8	27	66.2	1552	

¹ Weights without refrigerant dryer,
with refrigerant dryer: COMBI 2S - 5S: + 20 kg
COMBI 6 - 15.1: + 35 kg
COMBI 16 - 22: + 40 kg

* Standard with 200-litre receiver,
available optionally with 270-litre receiver:
hence: (L x W x H): 1120 x 550 x 1410 mm
Weight: + 20 kg without refrigerant dryer

** Standard with 270-litre receiver,
available optionally with 500-litre receiver:
hence: (L x W x H): 1900 x 685 x 1680 mm
Weight: + 65 kg without refrigerant dryer

*** Only available with 500-litre receivers

Heat recovery systems available from COMBI 6 model upwards

² Weights without refrigerant dryer,
with refrigerant dryer: COMBI 2 / 3S - 5 / 7S: + 44 lbs
COMBI 6 / 8 - 15.1 / 20.1: + 77 lbs
COMBI 16 / 21 - 22 / 30: + 88 lbs

* Standard with 53-gallon receiver,
available optionally with 71-gallon receiver:
hence: (L x W x H): 44 x 22 x 55.5 inch
Weight: + 44 lbs without refrigerant dryer

** Standard with 71-gallon receiver,
available optionally with 132-gallon receiver:
hence: (L x W x H): 75 x 27 x 66 inch
Weight: + 143 lbs without refrigerant dryer

*** Only available with 132-gallon receivers

Heat recovery systems available from COMBI 6 / 8 model upwards

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 1.5 – 85 kW/5 – 13 bars 	<ul style="list-style-type: none"> oil-free, up to 10 bars 1.1 – 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 40 bars 2.2 – 45 kW as a booster for an input pressure up to 15 bars and an output pressure up to 40 bars 2.2 – 30 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 0.27 – 100 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