



Screw compressors **ALBERT**



6–13 bar | 0,5–3,6 m³/min | 4–22 kW

enough air for everyone



EUROPEAN UNION
European Regional Development Fund
Operational Programme Enterprise and Innovations for Competitiveness

NEW ALBERT K compressors

E.50, E.65

By changing the design of the compressors, high compactness has been achieved. The machines were retrofitted with the LOGIK 26-S control unit.



Technical data

- The most efficient machines on the market
- Reliable
- Very quiet
- Condensate resistant
- Horizontal and vertical design
- LOGIK 26-S control unit
- ATMOS Care Generation IV
- Integrated condensation dryer

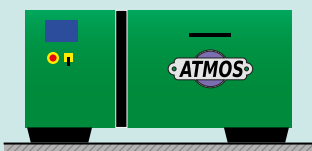
Design / Type		E.50K / horizontal	E.50K / vertical	E.65K / horizontal	E.65K / vertical
Drive		Direct Drive	Direct Drive	Direct Drive	Direct Drive
Max. pressure	[bar]	9	9	10	10
Rated air delivery	[m ³ /min]	0,87	0,87	1,00	1,00
Engine power	[kW]	5,5	5,5	7,5	7,5
Noise	[dB (A)]	64	64	64	64
Outlet valves		G 1/2"	G 1/2"	G 1/2"	G 1/2"
Air tank volume	[l]	270	270	270	270
Weights					
Compressor	[kg]	197	197	202	202
Compressor (V)	[kg]	270	270	275	275
Compressor (S)	[kg]	215	215	220	220
Compressor (VS)	[kg]	305	305	310	310
Dimensions					
Compressor	[mm]	780×641×690	780×641×690	780×641×690	780×641×690
Compressor (V)	[mm]	1498×641×1245	780×630×1917	1498×641×1245	780×630×1917
Compressor (S)	[mm]	1194×641×690	974×630×690	1194×641×690	974×630×690
Compressor (VS)	[mm]	1498×641×1245	974×630×1917	1498×641×1245	974×630×1917

Configuration – Options

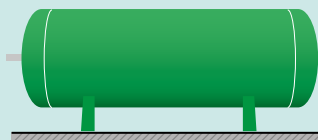
ALBERT compressors can be configured in many different ways. The following machines are available:

- stand-alone or mounted on air receiver
- economical open version or super-silenced canopy version
- with or without integrated refrigerant dryer
- standard fixed speed machines or frequency controlled for higher energy efficiency

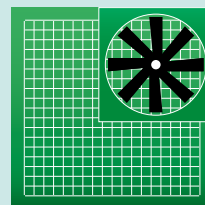
Nowadays, a great deal of emphasis is placed on energy efficiency, therefore we also offer heat recovery for our compressors as an option.



Screw compressor



Air receiver



Refrigerant dryer



Frequency control

ALBERT Standard and Komfort

Open machines without canopy

The B100 screw block is of robust construction and it is designed with a power reserve. Thanks to this, the machines work at very low speeds and are therefore very quiet. These machines can be operated without canopy. The open version offers excellent service access.



Closed machines with canopy

Machines from 11 kW are delivered with a steel canopy. It acts as sound muffler and also directs the flow of cooling air that removes heat from the compressor. The compressor is thus protected against overheating. The canopy can be easily connected to the air ducting and allows unrestricted service access.



Compressor station

For applications where space is a problem, we offer an „all in one“ solution. These are compressors with integrated refrigerant dryer. These machines allow easy installation and fully automatic delivery of dried compressed air.



Atmos Care

Fine separators that have been in use for a longer time become clogged and have a higher ΔP . This increases the machine's energy demand significantly and may also result in damage or complete destruction of the compressor or downstream equipment. To help prevent this, our compressors are equipped with the Atmos Care electronic system, which monitors the service intervals for you and warns you in advance of the need for service.

Atmos Care:

- Guarantees savings in operating costs (energy saving, oil saving)
- Protects the compressor and accessories from damage.
- Ensures timely and professional service and thus long service life of compressors



Technical data

Design / Type		E.39	E.50	E.50-10	E.65	E.80 Vario	E.100 Vario	E.95	E.95-10	E.110	E.120 Vario	E.140	E.150 Vario	E.170	E.220 Vario	E.222
Drive	[kW]	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Vario	Vario	Direct Drive	Direct Drive	Direct Drive	Vario	Belt drive	Vario	Belt drive	Vario	Belt drive
Max. pressure	[bar]	10	9	10	10/12	6-9	6-10	9	10	10	6-9	8/10/13	6-10	8/10/13	6-10	8/10/13
Rated air delivery	[m³/min]	0,40	0,87	0,85	1,00/0,80	1,5-1,1	1,85-1,13	1,6	1,55	1,6	2,25-1,8	2,7/2,3/2,0	2,36-1,55	2,9/2,7/2,4	3,3-1,84	3,6/3,4/3,0
Engine power	[kW]	4	5,5	5,5	7,5	7,5	11	11	11	11	13	15	15	18,5	20	22
Noise	[dB (A)]	70	*64/69	*64/69	69	64-70	64-78	67	67	94	63-70	71	63-72	74	63-75	74
Outlet valves		G 1/2" I	G 1/2" I	G 1/2" I	G 1/2" I	G 1/2" I	G 1/2" I	G 3/4" I	G 3/4" I	G 3/4" I	G 3/4" I	G 3/4" I	G 3/4" I	G 3/4" I	G 3/4" I	G 3/4" I
Air tank volume	[l]	150	270	270	270	270	270 (500)	500	500	500	500 (270)	500 (900)	500 (270)	500 (900)	500 (270)	500 (900)

* version in metal canopy / without canopy

Dimensions

Design / Type		E.39	E.50	E.50-10	E.65	E.80 Vario	E.100 Vario	E.95	E.95-10	E.110	E.120 Vario	E.140	E.150 Vario	E.170	E.220 Vario	E.222
Without canopy	[mm]	—	1203×450×635	1203×450×635	1203×450×635	1203×450×635	1203×450×635	—	—	1330×621×625	—	—	—	—	—	—
Without canopy (V)	[mm]	1284×450×1121	1480×450×1380	1480×450×1380	1480×450×1380	1480×450×1380	1480×450×1380	—	—	1990×621×1305	—	—	—	—	—	—
Without canopy (S)	[mm]	—	1530×560×650	1530×560×650	1530×560×650	1530×560×650	1750×560×650	—	—	1887×621×928	—	—	—	—	—	—
Without canopy (VS)	[mm]	1284×560×1121	1710×560×1380	1710×560×1380	1710×560×1380	1710×560×1380	1750×560×1380	—	—	2184×621×1607	—	—	—	—	—	—
Metal canopy	[mm]	—	—	—	—	—	—	1600×764×771	1600×764×771	—	1600×764×771	1600×764×771	1600×764×771	1600×764×771	1821×754×841	1600×764×771
Metal canopy (V)	[mm]	—	—	—	—	—	—	1955×764×1451	1955×764×1451	—	1955×764×1451	1955×764×1451	1955×764×1451	1955×764×1451	1955×764×1521	1955×764×1451
Canopy (S)	[mm]	—	—	—	—	—	—	1920×764×771	1920×764×771	—	1920×764×771	1920×764×771	1920×764×771	1920×764×771	1920×754×841	1920×764×771
Canopy (VS)	[mm]	—	—	—	—	—	—	2060×764×1451	2060×764×1451	—	2060×764×1451	2060×764×1451	2060×764×1451	2060×764×1451	2060×764×1521	2060×764×1451

Weights

Design / Type		E.39	E.50	E.50-10	E.65	E.80 Vario	E.100 Vario	E.95	E.95-10	E.110	E.120 Vario	E.140	E.150 Vario	E.170	E.220 Vario	E.222
Without canopy	[kg]	—	130	130	135	140	150	—	—	200	—	—	—	—	—	—
Without canopy (V)	[kg]	165	200	200	205	210	220	—	—	295	—	—	—	—	—	—
Without canopy (S)	[kg]	—	165	165	170	175	180/183*	—	—	235	—	—	—	—	—	—
Without canopy (VS)	[kg]	200	235	235	240	245	250/253*	—	—	330	—	—	—	—	—	—
Metal canopy	[kg]	—	—	—	—	—	—	270	275	—	290	310	340	340	360	370
Metal canopy (V)	[kg]	—	—	—	—	—	—	360	365	—	380	400	430	430	450	460
Canopy (S)	[kg]	—	—	—	—	—	—	298	303	—	322	342	372	379	392	409
Canopy (VS)	[kg]	—	—	—	—	—	—	388	393	—	412	432	462	469	482	499

(S) – with dryer
(V) – with air receiver
(VS) – with dryer and air receiver

All changes reserved.