

Screw compressors

## Series LARGO

Capacity:

13.10 – 66.34 m<sup>3</sup>/min



# LARGO



# Intelligence, Innovation, Reliability

*The powerful package for a large demand of compressed air*

*powerful and robust for the harshest operating conditions*

*very good system efficiency*

*optimally matched compressor stages*

*high quality standard compressed air*

*intelligent microprocessor control unit*



## Maximum benefits for our customers:

This premise holds true for everyone at ALUP.

Our products benefit from the latest techniques in research and development and are manufactured according to ISO 9001.

They fulfil all acceptance criteria according to ISO 1217 – 3 annex C – 1996 and conform to the CE-guidelines.

Even the most stringent conditions, such as DET NORSKE VERITAS, GERMANISCHER LLOYD, BUREAU VERITAS, LLOYD'S REGISTER OF SHIPPING, ABS among others, are for us at ALUP a matter of course.



intelligent compressed air ... everywhere ■■■ intelligent compressed air ... everywhere ■■■ intelligent compressed air ... everywhere ■■■

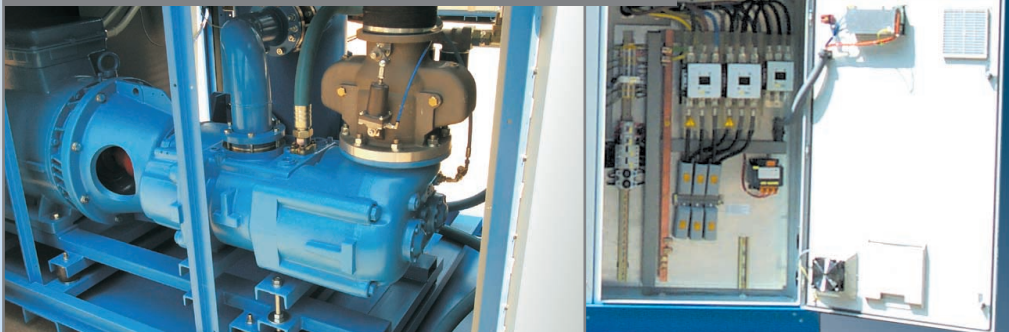
# Assembly, Technique, Highlights



- 1 Separator system**  
highest quality compressed air through proven multi-stage separation
- 2 Air Control**  
the compressor's intelligence thinks, monitors, records

- 3 Drive system**  
direct drive via optimally matched transmission
- 4 Compressor stage**  
latest stage technology, powerful, excellent efficiency
- 5 Cooler unit**  
large surface area cooler for lowest compressed air output temperatures and optimum coolant temperatures
- 6 System fans**  
optimum cooling, high residual pressure
- 7 reserves in hand**  
robust motor designed with reserves in hand

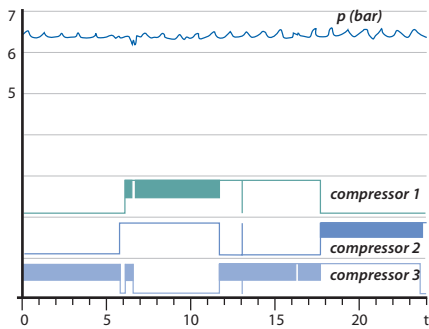
*Robust components for use under the harshest conditions*



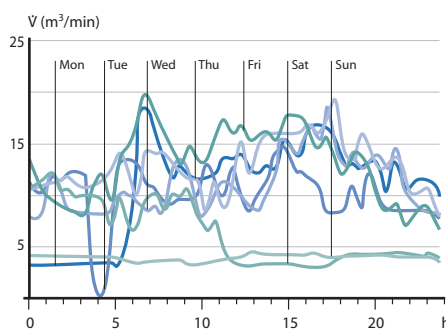
Typ	Air flow according to ISO 1217 (annex C-1996)			Motor power	Length	Width	Height	Weight*
	8 bar (m <sup>3</sup> /min)	10 bar (m <sup>3</sup> /min)	13 bar (m <sup>3</sup> /min)					
LARGO				kW	mm	mm	mm	kg
90	15.30	13,30	10.30	90	2300	1400	1525	2700
110	19.10	16.46	13.10	110	2300	1400	1525	2750
132	22.68	19.67	16.36	132	2300	1400	1525	2850
160	27.01	24.16	19.62	160	2300	1400	1525	3400
200	29.25	28.59	24.00	200	2300	1400	1525	3650
201	36.00	32.00	26.14	200	3000	1650	2025	4000
250	43.55	38.70	32.87	250	3000	1650	2025	4150
315	52.50	45.10	39.78	315	3000	1650	2025	4350
355	61.66	52.70	–	355	3600	2100	2200	5750
400	65.94	58.41	–	400	3600	2100	2200	5900

LARGO 90 – 250 air-cooled, water-cooling optional  
 LARGO 315 – 400 water-cooled / 13 bar on demand  
 Various systems for heat recovery  
 \* Weights given are for water-cooled models

Operating conditions/pressure Day profile



Air flow Week profile



**In typical installation as shown there is an enormous energy saving potential!**

Decisions can be made only on the basis of facts. Therefore: **First analyse, then decide.**

This is reason enough to allow the specialists from ALUP to determine your current compressed air consumption, and with the help of accurate measurements, develop the optimum system solution together with you.



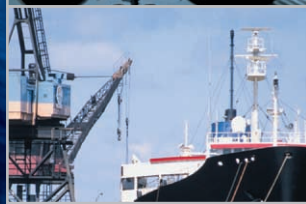
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# Designs, Systems, Solutions

*We offer more than compressed air ...*

You get everything to do with compressed air technology from us, customised solutions – from planning to production.

- complete project management all the way to turnkey stations
- Online and remote monitoring (telemonitoring) of the complete compressed air station
- sensibly matched accessories for system solutions
- rapid service by qualified engineering staff – and worldwide
- Compressed Air Contracting



*... just ask us!*



*intelligent compressed air ... everywhere ■ ■ ■ intelligent compressed air ... everywhere ■ ■ ■ intelligent compressed air ...*



# Products, Concepts, Solutions

## Built on the needs of the customer

For almost 100 years we from ALUP have produced quality compressors.

With our innovative system concepts we offer customised solutions for almost all ranges of application.

Our endeavour lies not only in supplying compressors, we offer ourselves as a competent system provider, who is able

to offer a solution from the compressed air producer to the last compressed air consumer.

That does not only apply to the consultation and installation phase of your new compressor(s), but naturally continues in all interests of service, maintenance and visualisation.

## Challenge us!



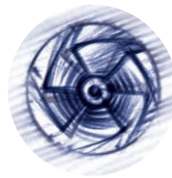
### Screw compressors

- Constant speed  
4 – 400 kW/  
5 – 13 bar
- Variable speed controlled and direct drive  
5.5 – 260 kW/  
5 – 13 bar
- Oil-free, with water injection  
4 – 250 kW/  
5 – 10 bar



### Piston compressors

- Oil-free, up to 10 bar  
0.75 – 12 kW
- For normal pressure up to 10 bar  
1.5 – 15 kW
- For medium pressure up to 15 bar  
1.5 – 15 kW
- For high pressure up to 35 bar  
2.2 – 11 kW
- As a Booster for an input pressure up to 15 bar and an output pressure up to 40 bar  
2.2 – 15 kW



### Turbo compressors

- Oil-free, up to 9 bar  
65 – 370 kW



### Complete Accessories

- Refrigeration dryers  
0.16 – 145 m<sup>3</sup>/min
- Desiccant dryers  
0.08 – 145 m<sup>3</sup>/min
- Activated carbon adsorbers  
0.08 – 145 m<sup>3</sup>/min
- Filters, all particle sizes  
0.08 – 380 m<sup>3</sup>/min
- Complete Condensate management  
up to 120 m<sup>3</sup>/min



### Control, regulate, monitor

- Lead-lag control
- Consumption-dependant control
- Visualisation (we bring your compressed air to the PC)
- Tele-monitoring (the Hotline of your compressed air station)

Your specialist



**ALUP**  
Kompressoren

a company of the  
**Abac Group**