SCK
Air Compressors













SCK 20-40

ALUP Kompressoren



ALUP's heritage

Founded in Germany in 1923, the company derives its name from the automotive products that were manufactured in the Köngen' mechanical workshop where ALUP came into existence: Auto-LUft-Pumpen. Only two years later, the first range of piston compressors was being developed, whilst in 1980 rotary screw compressors were added to product offer.

Over time, experience grew and innovation prospered, leading to today's high quality product portfolio. As such, the name ALUP Kompressoren has become synonymous with innovative technology blended with a strong sense of tradition.

Today, ALUP Kompressoren is still operating out of its home town Köngen, where everything started in 1923.



INNOVATION
HANDS-ON EXPERIENCE
PEACE OF MIND
TOTAL COST OF OWNERSHIP
PARTNERSHIP

Driven by technology
Designed by experience

Discover what happens when a passion for technology is fused with hands-on industrial experience. Designs evolve towards more practical installation and maintenance, giving you the freedom to focus on your job. Product ranges include the exact machine you need, with the right options for your performance needs. Return on investment is ensured, while your carbon footprint shrinks. And, because we stay close to our customers, we're one step ahead when your needs change.

The range that meets all your requirements

With the SCK 20-40 you get an efficient, reliable and complete solution which fits a wide range of applications.

A wide offer

- Power sizes from 20 up to 40 hp.
- 3 pressure variants: 8-10-13 bar.
- The full range up to 30 hp is available installed on an air receiver with refrigerant dryer. The range from 20 to 40 hp is also available floor-mounted with dryer.

Highly efficient air filtration & oil separation

- High level air intake prevents larger dust particles from entering.
- 2 micron encapsulated filters guarantee that only clear air enters the compressor, improving overall reliability.
- The oil separator ensures less than 3 ppm of oil carry over thanks to cyclonic, gravity and filter separation.

Easy accessibility

- Easy service thanks to removable panel.
- Main components strategically placed to facilitate and speed up maintenance.
- Low maintenance costs.
- Easy oil level check via external oil level sight glass.

The options you need

- Food grade oil.
- Pre filter.
- Wooden crate.

*Only for tank-mounted unit with dryer.



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Small dimensions, great flexibility

Very compact and flexible, the SCK range is available from 20 to 40 hp, in 3 pressure variants, several different voltages and market approvals. They can be configured as floor-mounted, air receiver mounted with or without dryer and air receivers of 500 L. With this large variety of configurations, SCK 20-40 definitely can offer the exact configuration your business needs.

User benefits



A complete solution

- Our equipment can always be assembled with the right configuration to fit your business needs.
- Designed to be a complete solution, the units can be equipped with an air receiver and a complete air treatment package: refrigerant dryer and pre filter.

Easy and fast maintenance

- All service components located at the front of the machine for fast accessibility.
- All service components strategically located for fast accessibility.
- Oil-level sight glass at the front, visible without removing any panel.
- Maintenance warnings on the controller.
- Service and cleaning is a one person job.





A complete solution suitable to satisfy your air demand



Quiet operation

- Special noise insulation ensures very low noise levels.
- Equipment can be easily installed inside the workshop, close to the usage point, minimizing risk of air leakages and without any disturbance of your working environment.

Cost efficiency

- Reliable design.
- Low maintenance costs.
- Long service intervals.
- Low energy consumption, thanks to reputed motors and advanced screw compressor element.
- High performing lubrication and cooling systems.

High quality air delivery

Most of the units built on an air receiver can be equipped with an air treatment package composed by a refrigerant dryer and pre filter. This air treatment package guarantees dry and very clean air, perfect for the most demanding applications.

Always in control with Infologic or Air Control



ADVANCED MONITORING, CONTROL & CONNECTIVITY



The state-of-the-art Infologic² connect controller – included as standard – gives you easy operation and remote monitoring, control and insights to optimize the performance of your compressor:

- Large, intuitive display
- Connectivity for remote monitoring and control
- Delayed Second Stop energy savings
- Real-time warnings and shutdown alarms
- Service status, history and notifications
- Multiple pressure band setting through the ICONS app
- Leakage detection
- Over-the-air software updates



Air Control 5.0 (Standard)

- Icon based display action
- Led status visualization.
- Digital I/O.
- Remote start stop, load-unload, emergency stop.
- Automatic restart after a power failure.
- Service indicator and fault management provide comprehensive messages to ease service diagnostics.
- Visualization through web browser using a simple Ethernet connection.



Air Control 5.1 (Optional)

The Air Control 5.1 takes your control to the next level, offering additional functionalities:

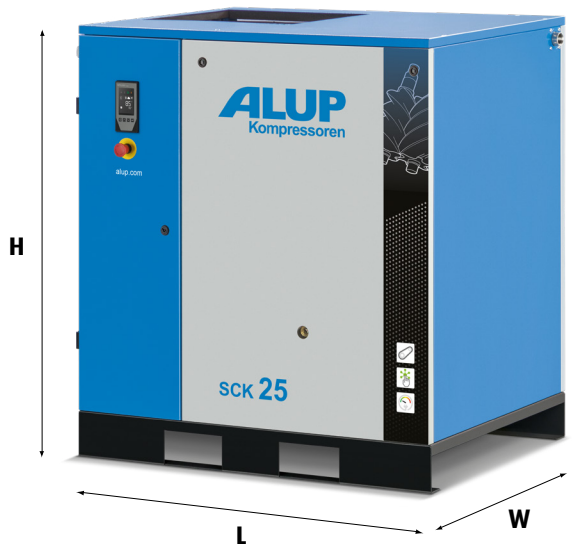
- User-friendly graphic screens, data logging and storage on a memory card.
- Stop/start timers do not rely on the operator's action to save energy, but program the Air Control 5.1 controller to operate as your factory operates.
- Dual pressure band time scheduling for operation with different pressure bands, leading to energy savings.

Technical specifications SCK 20-40

	Max. working pressure ***		Free Air Delivery @ reference conditions*				Motor power		Noise level **	Weight		
										FM	FM D	500L D
Model	Bar	PSI	m³/h	l/s	l/min	cfm	kW	hp	db(A)	kg		
SCK 20	8	116	153	42.5	2550	90	15	20	67	313	362	588
	10	145	139	38.5	2310	82						
	13	188	112	31.2	1872	66						
SCK 25	8	116	188	52.1	3126	110	18.5	25	69	328	377	603
	10	145	162	45.0	2700	95						
	13	188	139	38.5	2310	82						
SCK 30	8	116	223	62.0	3720	131	22	30	70	344	393	619
	10	145	193	53.6	3216	114						
	13	188	167	46.4	2784	98						
SCK 40	8	116	260	72.2	4332	153	30	40	71	444	493	NA
	10	145	234	65.1	3906	138						
	13	188	206	57.2	3432	121						

* Unit performance measured according to ISO 1217, Annex C, latest edition
** Noise level measured according to ISO 2151:2004 using ISO 9614/2
*** Reference working pressure: 7.5 - 9.5 - 12.5 bar

	Length	Width	Height
	mm	mm	mm
Floor mounted	1180	833	1220
Floor mounted with dryer	1450	833	1220
500 L tank with dryer	1904	833	1832





ALUP Kompressoren

DRIVEN BY TECHNOLOGY DESIGNED BY EXPERIENCE



CONTACT YOUR LOCAL ALUP REPRESENTATIVE



ORIGINAL PART

Care. Trust. Efficiency.

Care.

Care is what service is all about: professional service by knowledgeable people, using high-quality original parts.

Trust.

Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

Efficiency.

Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.

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