

BECAUSE
IMPROVEMENT
NEVER
STOPS



SCK 25-40 & ALLEGRETTO 15-22

SCK 25-40 FIX SPEED

Compressed air powers countless industries,
making the choice of compressor a critical
decision for your business.

Our **SCK 25-40 range** offers a robust, belt-driven, oil-injected screw compressor designed for reliability and long-term performance. This first-class solution can be easily configured with an air receiver, refrigerant dryer, and pre-filter—providing a compact, all-in-one system tailored to your needs.

Backed by Alup's ongoing investment in innovation and quality, the **SCK 25-40 series** has earned its legendary reputation over the years. It's a trusted choice that delivers peace of mind and consistent results.

Bring fresh air into your operations and experience the simplicity, performance, and dependability that only SCK 25-40 can offer.



A COMPLETE SOLUTION

Compact, all-in-one design

- Base-mounted unit fits in less than 1 m²
- Available with air receiver
- Optional integrated dryer and pre-filter

Ready for transport

- Fully protected for safe and easy handling
- No special foundation required

Quiet and low vibration

- Operates with minimal noise and vibration
- Ideal for installation close to the point of use

LEGENDARY RELIABILITY

Engineered for endurance

- Built with premium components
- New-generation rotary screw element supports 100 % duty cycle
- Designed for demanding environments

Optimized cooling

- Oversized ventilation system ensures low internal temperatures
- Reliable operation in ambient temperatures up to 46 °C (115 °F)

EASY MAINTENANCE & ACCESSIBILITY

User-friendly design

- All service points accessible from the front
- Oil-level sight glass visible without removing panels
- Quick checks and diagnostics via intuitive controller
- Maintenance and cleaning can be done by a single person

COST EFFICIENCY

Low total cost of ownership

- Durable, reliable design minimizes downtime
- Long service intervals reduce maintenance needs
- Energy-efficient IE3 motors and advanced screw elements
- High-performance lubrication and cooling systems

HIGH-QUALITY AIR DELIVERY

Integrated air treatment package

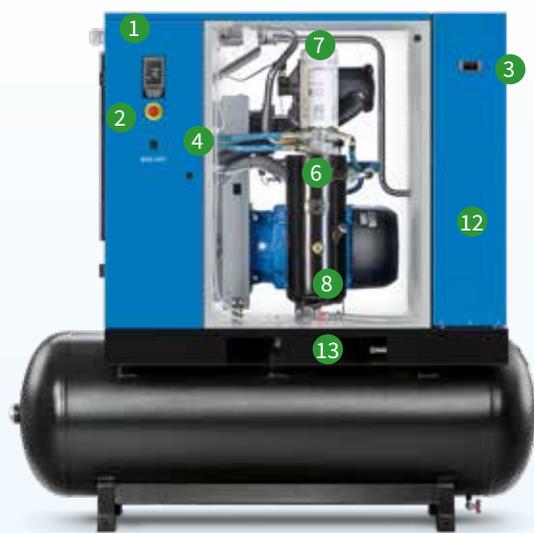
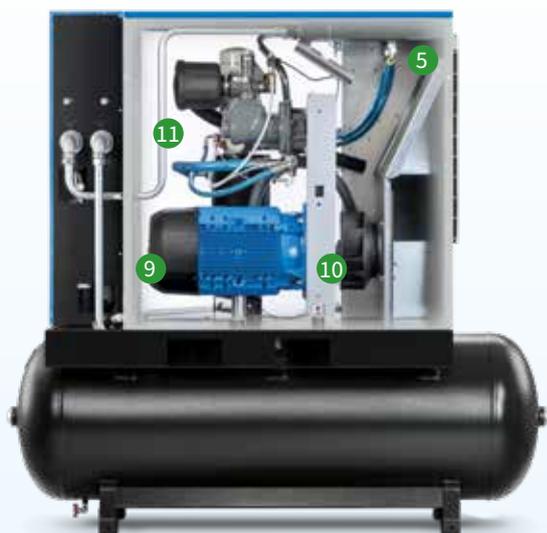
- Units mounted on an air receiver can be equipped with a complete air treatment system, including a **refrigerant dryer** and **pre-filter**

Clean, dry air for demanding applications

- This package ensures the delivery of **dry and ultra-clean compressed air**, making it ideal for even the most sensitive and demanding industrial processes



COMPONENTS



- | | | |
|------------------|--------------------------------|-----------------------|
| 1 Controller | 5 Oil cooler | 10 Belt drive system |
| 2 Emergency stop | 6 Oil separator vessel | 11 Compressor element |
| 3 PDP controller | 7 Oil filter and oil separator | 12 Refrigerant dryer |
| 4 Dryer switch | 8 Oil level sight glass | 13 Safety valve |
| | 9 Electric motor | |

OPTIONAL AND STANDARD FEATURES

Description	Factory
PHASE SEQUENCE RELAYS	Std
ELECTRONIC CONTROLLER	Std
INTELLIGENT CAPACITY DRAIN (ON THE INTEGRATED DRYER)	Std
FOOD GRADE OIL	✓
LINE FILTER G (ONLY FOR TANK MOUNTED UNIT WITH DRYER)	✓
WOODEN CRATE	✓

✓ = available

ICONS

Increased uptime, powered by ICONS

With the Intelligent CONnectivity System (ICONS), you get data and insights from your machines delivered to your computer, tablet or smartphone.

- Increase the reliability of your machine by identifying problems before they become a threat to the continuity of your production

- Analyze and optimize your energy consumption and CO₂ emissions
- Receive high-quality energy reports ensuring the ISO50001 compliance of your site



TECHNICAL SPECIFICATIONS

SCK 25-40

Model	Max. working pressure	Free Air Delivery @ reference conditions*			Motor power		Noise level **	Weight		
								Base mounted	Base mounted dryer	Tank mounted dryer 500 L
								kg		
bar	m ³ /h	l/s	cfm	kW	hp	db(A)				
SCK 25	8	188	52,1	110	18,5	25	69	328	377	603
	10	162	45	95						
	13	139	38,5	82						
SCK 30	8	223	62	131	22	30	70	344	393	619
	10	193	53,6	114						
	13	167	46,4	98						
SCK 40	8	260	72,2	153	30	40	71	444	493	na
	10	234	65,1	138						
	13	206	57,2	121						

DIMENSIONS

	Dimensions (mm)		
	Length	Width	Height
Base mounted	1180	833	1220
Base mounted dryer	1450	833	1220
Tank mounted dryer 500 L	1904	833	1832

* Unit performance measured according to ISO 1217, Annex C, latest edition

** Noise level measured according to ISO 2151:2004 using ISO 9614/2



ALLEGRETTO 15-22 (PM)

Step into the future of compressed air with the Allegretto 15-22 series

In today's evolving industrial landscape, energy efficiency isn't just a trend — it's a necessity. While traditional fixed-speed compressors still serve many applications, the shift toward smarter, more sustainable solutions is accelerating. Variable Speed Drive (VSD) compressors are leading this transformation, offering unmatched energy savings, reduced wear, and optimized performance.

But until now, the higher upfront cost of VSD technology has kept many small and medium businesses on the sidelines — especially those with lower air demand or limited operating hours.

Meet the game-changer: Allegretto 15-22

Our new Allegretto 15-22 range breaks down the barriers to energy-efficient compressed air.

It delivers all the advantages of Variable Speed Drive — including lower energy bills, quieter operation, and longer equipment life — at a price point that finally makes sense for fixed-speed users.

- **Power range:** 15 to 22 kW
- **Technology:** Permanent Magnet (PM) motor with direct drive jointless and greased for life
- **Motor cooling:** oil-cooled motor for superior durability and performance
- **Design:** in-house engineered airend for maximum efficiency

Whether you're running a small workshop or a larger facility with modest air needs, the Allegretto 15-22 is your smart, future-ready solution.

Why choose Allegretto 15-22?

- ✓ Energy efficiency without the premium price
- ✓ Quiet, reliable, and built to last
- ✓ Ideal for demanding applications
- ✓ Compact, plug-and-play design

The Allegretto 15-22 makes Variable Speed technology accessible — and profitable — for businesses that previously couldn't justify the investment. It's not just an upgrade. It's a leap forward.

Smart, efficient, and cost-effective—now that's an easy decision.



BENEFITS OF ALLEGRETTO 15-22

- **Up to 45 % energy saving PM technology with in-house designed airend**
- **IE4 motor efficiency**
- **Oil-cooled, IP54 ensures reliability in dusty and humid conditions**
- **Reliable operation, even in ambient temperatures up to 46 °C**
- **Pressure range between 4 and 10 bar**
- **Small footprint**
- **Low noise vs previous generation**
- **INFOLOGIC² Connect**



PREMIUM COMPRESSION TECHNOLOGY

Oil-cooled IE4 efficiency and Class H Interior Permanent Magnet (IPM) motor: maintenance free; includes innovative oil-cooling technology for optimal performance in up to 46 °C.

IP54 electrical cubicle: ideal for harsh environment it can withstand up to 60 °C with the highest standards in EMC performance.



In-house designed compression element: gives you best-in-class free air delivery and specific energy requirement.

Drive train: all-new conical coupling design for fast maintenance on the drive train.

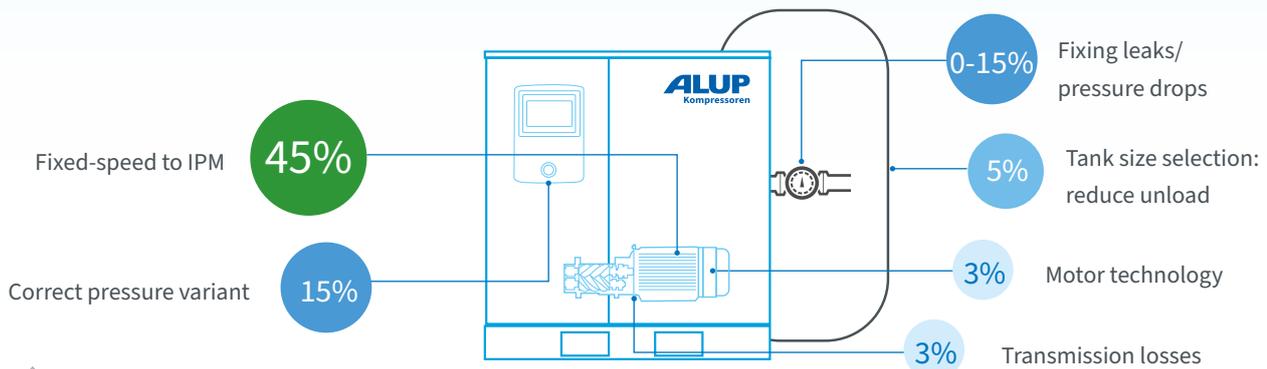
Oversized coolers and oil vessel: for improved performance.

A RANGE OPTIONS

- 8000 HOURS OIL
- LINE FILTER G TO REMOVE DUST AND OIL
- FOOD GRADE OIL
- DC CHOKE (ONLY SALES OPTION)
- WATER SEPERATOR - WSD
- WOODEN BOX & CRATE SHIPPING OPTIONS

MAXIMIZE YOUR ENERGY SAVINGS

Energy is by far the biggest cost of owning and operating a compressor. Luckily, there are many options to minimize the energy consumption of your air system. Technologies such as energy recovery can have a huge impact on your bottom line and your environmental footprint, with energy savings of up to 75%. A holistic view of your compressed air system is key. It starts with the selection of efficient technologies when buying your compressor. But it doesn't end there. Monitoring and analyzing your air system as you use it will often reveal optimization opportunities. Your Alup representative can help you find those savings.



A VERSATILE RANGE



Fixed speed

- Base compressor design for years
- Compact, all-in-one design
- Reliable
- Easy to service
- Low investment cost



PM

- All belt compressors benefits
- Up to 45 % energy saving due PM motor technology
- Direct drive – one shaft arrangement does not need adjustment in any condition
- IP54, Class H motor ensures robustness

SMART CONTROL WITH INFOLOGIC² CONNECT

The INFOLOGIC² Connect controller takes compressor management to the next level—making your system easier to operate, more reliable, and more energy-efficient. With automatic over-the-air software updates, your compressor continues to improve over time.

User-friendly interface

Intuitive display for quick and easy operation.

Remote monitoring & control

Full connectivity for real-time access and management from anywhere.

Advanced energy savings (only for fixed speed)

Integrated DSS (Dynamic System Saver) technology optimizes energy use.

Proactive alerts

Real-time warnings and shutdown alarms to prevent downtime.

Maintenance insights

Service status, history, and notifications at your fingertips.

Leakage detection

Helps identify and reduce costly air leaks.

Flexible pressure settings

Easily adjust pressure bands via the ICONS app.

Automatic software updates

Stay up to date with the latest features and improvements—no manual intervention needed.



TECHNICAL SPECIFICATIONS

ALLEGRETTO 15-22

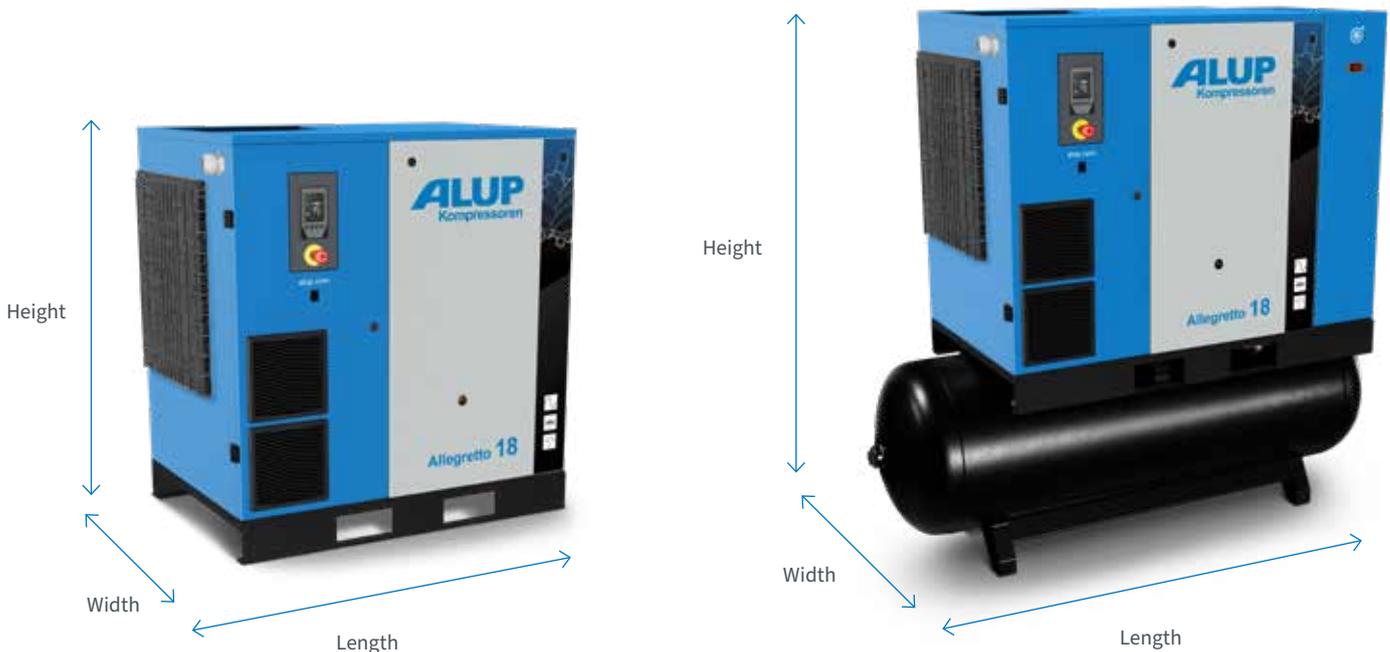
Model	Min. working pressure	Reference working pressure	Motor power		Min. FAD*		Free Air Delivery @ reference conditions*				Noise level **	Cooling air flow	Weight (kg)				
					Max. FAD*		7 bar		7 bar				9.5 bar		Base mounted	Base mounted dryer	Tank mounted dryer
							7 bar		7 bar				9.5 bar				
					bar	bar	kW	hp	m ³ /h	l/s			m ³ /h	l/s	m ³ /h	l/s	db(A)
Allegretto 15	4	10	15	20	34,2	9,5	171	47,5	146,2	40,6	67	0,69	310	355	530		
Allegretto 18	4	10	18,5	25	32,8	9,1	200,2	55,6	172,4	47,9	69	0,97	325	375	550		
Allegretto 22	4	10	22	30	37,8	10,5	229,7	63,8	194,8	54,1	71	0,97	330	385	560		

DIMENSIONS

	Dimensions (mm)		
	Length	Width	Height
Base mounted	1200	835	1220
Base mounted dryer	1450	835	1220
Tank mounted dryer 500 L	1940	835	1835

* Unit performance measured according to ISO 1217, Annex C, latest edition

** Noise level measured according to ISO 2151:2004 using ISO 9614/2



ALUP'S HERITAGE



Founded in Germany in 1923, ALUP derives its name from the automotive products that were manufactured in the mechanical workshop in Köngen where the company came into existence: Auto-Luft-Pumpen. ALUP developed its first piston compressor just two years later. In 1980, rotary screw compressors were added to its product range.

The experience and expertise the company gained each year, coupled with a spirit of innovation, has led to today's high-quality product offer. The name ALUP Kompressoren has become synonymous with innovative technology blended with a strong sense of tradition. To this day, ALUP Kompressoren is operating out of the heart of Baden-Württemberg, where it all began nearly a century ago.

DRIVEN BY TECHNOLOGY, DESIGNED BY EXPERIENCE

Discover what happens when passion for technology meets hands-on industrial experience: Designs that are easier to install and maintain, allowing you to focus on your job. Our extensive product range features the right machine for you – including the options that meet your performance requirements perfectly. High energy efficiency ensures return on investment and reduces your carbon footprint. And, because customer proximity is one of our hallmarks, you will always be one step ahead when your needs change.



1923

Founded in
Germany



1925

First piston
compressor



1980

First rotary
screw compressors



today

Innovative
technology





Contact your local ALUP Kompressoren representative



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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