

ALUP
Kompressoren

BECAUSE
IMPROVEMENT
NEVER
STOPS



HLE
PROFESSIONAL PISTON
COMPRESSORS 2-10 HP

If you are looking for a versatile, quality piston compressor, the ALUP HLE is your number one choice. Whether you are a DIY enthusiast or a professional user, whether you need occasional or frequent compressed air, count on the HLE to deliver the pneumatic support that works best for you – with ALUP's renowned efficiency and reliability.



STRONG, RELIABLE PERFORMANCE

- Durable pump with low rotation speed and long lifetime
- New twin-stage NS31 pump for 3-5.5 hp units
- High-efficiency motor
- Large flywheel for optimal cooling



EXCELLENT QUALITY

- CE-approved and certified components
- Robust metal belt guard
- Highly reliable pressure switch



A FLEXIBLE OFFER

- For DIY, professional and industrial use
- 2-10 hp power range
- Models available for occasional, intermittent or frequent use
- Prewired and different vessel sizes

YOUR TRUSTED WORKSHOP COMPRESSOR



A workshop compressor must be powerful, reliable and efficient. The HLE delivers on all these requirements. Thanks to its high-performance pump, you get more air while enjoying low power use and costs. All compressor components are engineered to ALUP's quality standards, giving you a lifetime of dependable performance.

ASSEMBLED TO YOUR NEEDS

The HLE range includes different vessel sizes, ranging from the small 27- and 50-liter models all the way to 500-liter tanks. You can also choose between vertical and horizontal receiver tanks.



- The HLE offers power ranges from 2-10 hp.
- The 10-bar models are single-stage, the 11- and 15-bar units are two-stage.
- Choose between a low- and a high-pressure variant.

The HLE includes mobile as well as stationary models.

SAFE POINT-OF-USE OPERATION

Because you use your HLE on your shop floor, we have paid special attention to safety and ergonomics. All moving parts of the compressor are shielded by a robust metal frame to protect operators as well as the machine itself. An external pressure reducer with condensate separator on the mobile units allows for safe pressure setting. Sturdy wheels make the mobile HLE model supremely easy to move around.



SAFETY



NO-HASSLE CONTROL



FLEXIBILITY IN OPERATION

HLE (10 BAR; 50-200L)

THE RELIABLE DIY COMPRESSOR



The HLE is specifically designed for DIY users who occasionally need compressed air. A single-stage belt-driven piston, the HLE comes mounted on a small tank.

FEATURES AND BENEFITS:

- ① PROVEN, RELIABLE PUMP ENSURES LONG LIFETIME OF THE COMPRESSOR
- ② PRESSURE-REDUCING CAP WITH PRESSURE GAUGE FOR EASY UNIT CONTROL
- ③ ANTI-VIBRATION PAD UNDER THE FRONT FEET IMPROVES STABILITY AND REDUCES NOISE
- ④ PLASTIC BELT GUARD PROTECTS ALL MOVING PARTS AND ENSURES USER SAFETY
- ⑤ LONG AFTERCOOLER PIPE FOR BETTER AIR COOLING
- ⑥ EASY TO USE AND MOVE AROUND THANKS TO COMPACT AND LIGHTWEIGHT DESIGN

HLE (10 BAR; 50-200L)

THE VERSATILE PROFESSIONAL COMPRESSOR



The belt-driven, single-stage HLE is ideal for small workshops. Always reliable and easy to use, the HLE offers a strong performance with comfortably low noise levels.

FEATURES AND BENEFITS:

- ① AIR OUTLET WITH QUICK COUPLING AND INTEGRATED CONDENSATE SEPARATOR
- ② ROBUST METAL BELT GUARD PROTECTS ALL MOVING PARTS AND ENSURES USER SAFETY
- ③ CAST IRON CYLINDER
- ④ EASY OIL CHECK AND REFILLING
- ⑤ DURABLE PUMP WITH LOW ROTATION SPEED
- ⑥ MOBILE UP TO 200 LITERS
- ⑦ LARGE VENTILATION FAN
- ⑧ MONO- AND THREE-PHASE MOTORS



HLE (11 & 15 BAR)

THE HIGH-PERFORMANCE PROFESSIONAL COMPRESSOR

MOBILE UNITS



The two-stage HLE offers higher performance, air flows and pressures for professional use. The 11-bar compressors are ideal for higher power production purposes. The 15-bar is suitable for high-pressure applications such as truck tire inflation.

FEATURES AND BENEFITS:

- ① CAST IRON CYLINDER FOR DURABILITY AND RELIABILITY
- ② THREE-PHASE MOTOR
- ③ LARGE VENTILATION FAN FOR BETTER COOLING
- ④ SUITABLE FOR HIGH-PRESSURE APPLICATIONS (E.G. HGV OR TRACTOR TIRES)
- ⑤ ROBUST STEEL BELT GUARD
- ⑥ CONDENSATE SEPARATOR WITH TWO QUICK COUPLINGS PROVIDES FLEXIBILITY IN USAGE
- ⑦ STRONG REAR WHEELS ENSURE EASY TRANSPORT
- ⑧ TWO FRONT PIVOT WHEELS WITH BRAKES FOR BETTER MANEUVERABILITY

STATIONARY UNITS



FEATURES AND BENEFITS:

- ① LARGE, TWIN-STAGE PUMP WITH LOW ROTATION SPEED AND LARGE OIL CRANKCASE INCREASES LIFETIME AND REDUCES NOISE LEVEL
- ② SOUND-INSULATING, HEAVY DUTY INLET AIR FILTER FOR IMPROVED, QUIET PERFORMANCE
- ③ LARGE CAPACITY TANK STORES MORE AIR FOR DEMANDING APPLICATIONS
- ④ CUBICLE WITH MAIN SWITCH AND STAR-DELTA STARTER REDUCES CURRENT PEAKS
- ⑤ HIGH QUALITY PRESSURE SWITCH ENSURES SMOOTH OPERATION IN ANY CONDITIONS
- ⑥ FAST AND SIMPLE CONDENSATE DRAIN
- ⑦ EASY TO SERVICE AND LOW MAINTENANCE COSTS

Thanks to its twin-stage piston pump, the HLE can reach a maximum pressure of 15 bar. This is important for applications such as HGV/tractor service stations. In addition, the 15-bar model with a vertical receiver is the perfect solution for customers with limited floor space, as the higher pressure allows you to store more air.



TECHNICAL SPECIFICATIONS

DIY HLE (10 BAR; 50-200L)

Description	Power		Tank	Pressure	Pump	Pump RPM	Displacement		Noise	Voltage	Dimensions	Weight	Start
	HP	kW	L	bar	type	min ⁻¹	l/min	M ³ /h	Lp(4m)	V/ph/Hz	LxWxH	KG	DOL/YD
HLE 0209-W-50	2	1.5	50	10	NS12S	1075	255	15.3	73	230/1/50	853x398x734	52	DOL
HLE 0209-W-90	2	1.5	90	10	NS12S	1075	255	15.3	73	230/1/50	982x502x853	65	DOL
HLE 0309-W-90	3	2.2	90	10	NS12S	1300	320	19.2	75	230/1/50	982x502x853	65	DOL
HLE 0309-D-90	3	2.2	90	10	NS12S	1300	320	19.2	75	400/3/50	982x502x853	65	DOL
HLE 0309-W-200	3	2.2	200	10	NS12S	1300	320	19.2	75	230/1/50	1413x572x946	95	DOL
HLE 0309-D-200	3	2.2	200	10	NS12S	1300	320	19.2	75	400/3/50	1413x572x946	95	DOL

HLE (10 BAR; 50L)

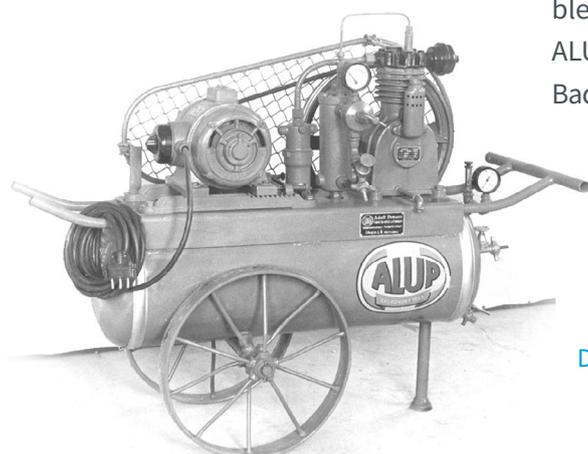
Description	Power		Tank	Pressure	Pump	Pump RPM	Displacement		Noise	Voltage	Dimensions	Weight	Start
	HP	kW	L	bar	type	min ⁻¹	l/min	M ³ /h	Lp(4m)	V/ph/Hz	LxWxH	KG	DOL/YD
HLE 0211-W-90	2	1.5	90	10	NS12S	1075	255	15.3	73	230/1/50	1078x502x853	63	DOL
HLE 0211-D-90	2	1.5	90	10	NS12S	1075	255	15.3	73	400/3/50	1078x502x930	63	DOL
HLE 0211-W-50	2	1.5	50	10	NS12S	1075	255	15.3	73	230/1/50	911x387x806	52	DOL
HLE 0211-D-50	2	1.5	50	10	NS12S	1075	255	15.3	73	400/3/50	911x387x806	52	DOL
HLE 0311-W-90	3	2.2	90	10	NS19S	1050	393	23.6	75	230/1/50	1123x502x930	72	DOL
HLE 0311-D-90	3	2.2	90	10	NS19S	1050	393	23.6	75	400/3/50	1123x502x930	67	DOL
HLE 0311-W-200	3	2.2	200	10	NS19S	1050	393	23.6	75	230/1/50	1423x572x1027	91	DOL
HLE 0311-D-200	3	2.2	200	10	NS19S	1050	393	23.6	75	400/3/50	1423x572x1027	91	DOL
HLE 0311-W-50	3	2.2	50	10	NS19S	1050	393	23.6	75	230/1/50	989x395x806	56	DOL
HLE 0311-D-50	3	2.2	50	10	NS19S	1050	393	23.6	75	400/3/50	989x390x806	56	DOL

HLE (11 & 15 BAR)

Description	Power		Tank	Pressure	Pump	Pump RPM	Displacement		Noise	Voltage	Dimensions	Weight	Start
	HP	kW	L	bar	type	min ⁻¹	l/min	M ³ /h	Lp(4m)	V/ph/Hz	LxWxH	KG	DOL/YD
HLE 03511-W-90	3	2.2	90	11	NS31S	1050	444	26.7	73	230/1/50	981x502x935	67	DOL
HLE 03511-D-90	3	2.2	90	11	NS31S	1050	444	26.7	73	400/3/50	1123x502x935	67	DOL
HLE 03511-W-200	3	2.2	200	11	NS31S	1050	444	26.7	73	230/1/50	1422x572x1042	130	DOL
HLE 03511-D-200	3	2.2	200	11	NS31S	1050	444	26.7	73	400/3/50	1422x572x1042	130	DOL
HLE 0411-D-200	4	3	200	11	NS31S	1300	553	33.2	76	400/3/50	1422x572x1042	121	DOL
HLE 0411-D-270	4	3	270	11	NS31S	1300	553	33.2	76	400/3/50	1495x456x1009	135	DOL
HLE 0411-D-90	4	3	90	11	NS31S	1300	553	33.2	76	400/3/50	1123x502x0935	67	DOL
HLE 0511-D-200-R	5.5	4	200	11	NS39	1000	653	39.2	75	400/3/50	1430x470x970	134	DOL
HLE 0511-D-270	5.5	4	270	11	NS39	1000	653	39.2	75	400/3/50	1670x555x1040	145	DOL
HLE 0511-DY-270	5.5	4	270	11	NS39	1000	653	39.2	75	400/3/50	1670x555x1040	155	YD
HLE 0515-D-300	5.5	4	300	15	NS39	800	522	31.3	75	400/3/50	1670x555x1040	170	DOL
HLE 0515-DY-300	5.5	4	300	15	NS39	800	522	31.3	75	400/3/50	1670x555x1040	180	YD
HLE 0511-D-500	5.5	4	500	11	NS39	1000	653	39.2	75	400/3/50	1940x600x1315	200	DOL
HLE 0511-DY-500	5.5	4	500	11	NS39	1000	653	39.2	75	400/3/50	1940x600x1315	210	YD
HLE 0515-D-300V	5.5	4	270V	15	NS39	800	522	31.3	75	400/3/50	835x600x1950	160	DOL
HLE 0611-D-270-R	7.5	5.5	270	11	NS39	1250	827	49.6	82	400/3/50	1670x555x1040	184	DOL
HLE 0611-D-500	7.5	5.5	500	11	NS39	1250	827	49.6	82	400/3/50	1940x600x1315	210	DOL
HLE 0711-D-500	7.5	5.5	500	11	NS59S	750	950	57.0	82	400/3/50	1940x600x1315	235	DOL
HLE 0711-DY-500	7.5	5.5	500	11	NS59S	750	950	57.0	82	400/3/50	1940x600x1315	245	YD
HLE 0715-D-500	7.5	5.5	500	15	NS59S	600	760	45.6	82	400/3/50	1940x600x1315	265	DOL
HLE 1011-D-500	10	7.5	500	11	NS59S	900	1130	67.8	82	400/3/50	1940x600x1315	240	DOL
HLE 1015-D-500	10	7.5	500	15	NS59S	750	942	56.6	82	400/3/50	1940x600x1315	250	DOL
HLE 1011-DY-500	10	7.5	500	11	NS59S	900	1130	67.8	82	400/3/50	1940x600x1315	270	YD
HLE 1015-DY-500	10	7.5	500	15	NS59S	750	942	56.6	82	400/3/50	1940x600x1315	280	YD

W = mono-phase motor D = three-phase motor Y = start-delta start

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 1925

Founded in
Germany

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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