

Workshop Compressors CLASSIC Series

Displacement: 210 to 460l/min – Pressure: 10 bar



What do you expect from your Classic workshop compressor?

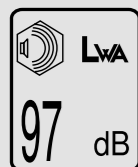
Quality results can be achieved only by using quality tools and equipment. A dependable source of compressed air delivered by a high-performance compressor is therefore essential for many applications. KAESER "Classic" series compressors are designed and built to the strictest quality standards, yet are priced to meet the needs of small and up-and-coming businesses without compromising efficiency, reliability or durability.

KAESER Classic compressors

KAESER's range of "Classic" compressors ensures that a model is available to suit every need. Carefully constructed using the very best materials, each unit ensures a long, efficient and reliable service life. Proven quality, robust design and long maintenance intervals (fluid change required every two years) make "Classic" series compressors from KAESER the ideal choice for everyday use.

Symbols of quality and cutting-edge technology

Made in Germany – KAESER Classic compressors provide exceptional quality and performance. The LwA and CE symbols guarantee that every compressor conforms to all applicable legal requirements. All Classic compressors are type approved.



CLASSIC – Workshop compressors



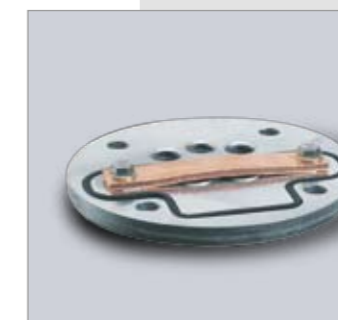
CLASSIC compressors – Unrivalled quality and value

Standardised components and a focus on well-established models ensure that KAESER's "Classic" compressors provide outstanding quality, value and performance. Every "Classic" model is equipped with an exclusive KAESER compressor block to guarantee optimum reliability and long service life. In fact the whole compressor package is engineered for maximum durability – every "Classic" compressor is manufactured, assembled and tested in the KAESER reciprocating compressor production centre in Coburg, Germany.



KAESER compressor block

The compressor block forms the heart of the unit and is manufactured at KAESER's main production facility in Coburg, Germany. All KAESER "Classic" compressor products feature durable pistons, piston rings, conrods, bearings and crank flanges to ensure long service life and optimal performance.



Stainless steel valves

The valve reeds in the corrosion resistant stainless steel valves are fitted with heat dissipating lift limiters to ensure air-tight valve closure and extended service life.



High-grade lubricating fluid

Every KAESER workshop compressor is filled with special high-grade lubricating fluid that virtually eliminates build up of oil-carbon deposits on the valves. In addition, the fluid enables the lubrication change interval to be doubled to approximately 1000 operating hours (or 2 years).



Precision machining

Using the most advanced manufacturing processes and with more than 80 years of experience in precision engineering, KAESER's skill and expertise guarantees products of the very highest quality.



Meticulous assembly

The care that is taken in the production of a compressor block is also taken at every stage of compressor assembly.

CLASSIC – Workshop Compressors

CLASSIC mini 210/10 W to CLASSIC 460/90 D

High
quality cylinder

Made in Germany!



Classic 210/25 W
Classic 270/25 W
Classic 320/25 W

Classic 210/50 W
Classic 270/50 W
Classic 320/50 D
Classic 460/50 W
Classic 460/50 D

Classic mini 210/10 W

Classic 320/90 W
Classic 320/90 D
Classic 460/90 W
Classic 460/90 D

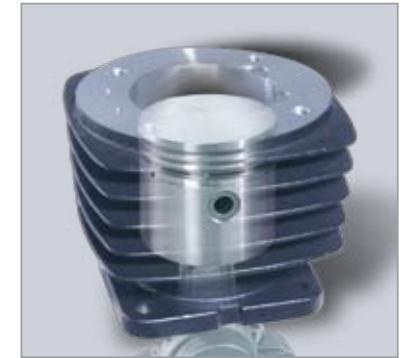


Before delivery, each compressor is subjected to rigorous testing and inspection in accordance with Kaeser's strict Quality Management System (top left).

The precision-machined finish on the inside wall of the cylinder ensures that no significant wear takes place after the unit is started for the first time (top right). KAESER "Classic" compressors are highly versatile: For example, they provide the perfect solution for all renovation, construction and car repair applications (below).



Rigorous testing in accordance with Kaeser's QM System



High quality cylinder ensures long service life



Impact wrenching for fast wheel changes



Outstanding painting results every time

Technical Specifications – Classic Series

Model	Displacement l/min	Filling volume ¹⁾ l/min	Air receiver l	Pressure bar	Motor power kW	No. of cylinders	Sound pressure ²⁾ dB(A)	Dimensions W x D x H mm	Weight kg
Classic mini 210/10 W	210	140	10	10	1.5	1	67	370 x 420 x 650	29
Classic 210/25 W Classic 210/50 W	210	140	25 50	10	1.5	1	69 71	610 x 310 x 660 820 x 400 x 750	31 39
Classic 270/25 W Classic 270/50 W	270	175	25 50	10	1.5	1	71 70	610 x 310 x 660 820 x 400 x 750	34 39
Classic 320/25 W Classic 320/25 D	320	205	25	10	1.5	1	71	610 x 310 x 690	34 40
Classic 320/50 W Classic 320/50 D	320	205	50	10	1.5	1	73	810 x 400 x 770	41 43
Classic 320/90 W Classic 320/90 D	320	205	90	10	1.5	1	73	1060 x 430 x 850 1060 x 430 x 840	62 53
Classic 460/50 W Classic 460/50 D	460	320	50	10	2.2	1	69	820 x 410 x 860 820 x 400 x 850	64 59
Classic 460/90 W Classic 460/90 D	460	320	90	10	2.2	1	70	1140 x 430 x 920 1150 x 440 x 910	70 80

¹⁾ Corresponds to a receiver filling period of 3 to 6 bar at operating temperature; ²⁾ Measured surface sound pressure level: from ISO 3744, r= 4 m

Suitable Tools and Accessories

Hose connection mm	Power supply (50Hz) Volts	Eco Set Paint spray gun, spray gun, tyre inflator, blow gun and hose	Impact wrench	Chipping hammer
6	230 V AC	●	○	–
6	230 V AC	●	○	–
6	230 V AC	●	○	–
6	230 V AC 400 V 3-phase	●	●	○
6	230 V AC 400 V 3-phase	●	●	○
6	230 V AC 400 V 3-phase	●	●	○
9	230 V AC 400 V 3-phase	●	●	●
9	230 V AC 400 V 3-phase	●	●	●

● Best suited, ○ Suited to short-term use, – Not applicable

Classic – Quality at a glance

The components in every Classic Workshop compressor are manufactured to Kaeser's stringent quality standards

to ensure unrivalled reliability and performance. The key compressor components are highlighted below:





- ① Silenced air intake filter
- ② Compressor block
- ③ Maintenance-free 1:1 direct drive
- ④ Fan cover
- ⑤ Pressure switch
- ⑥ Filter pressure regulator with quick-release coupling

- ⑦ Safety valve (not visible)
- ⑧ Powder-coated air receiver
- ⑨ Sound & vibration damper
- ⑩ Oil filler with vent
- ⑪ Oil drain plug

Tools and Accessories






Paint spray guns

	Optima 601 100 l/min	Container capacity 0.6 l Nozzle set 1.2 mm
	LM 2000/B 220 l/min	Container capacity 0.5 l Nozzle set 1.6 mm


Complete set of accessories

	Eco Set	With paint spray gun Optima 601, oil spray gun and blow gun, tyre inflation set, bike-tyre and ball inflation set, 5 m PVC hose
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Blow guns, nozzles and extensions

	Blow gun 160 l/min	With male coupling and 1 mm nozzle
	Flatjet nozzle	Plastic, 16 parallel air channels
	Flatjet nozzle	With jet-width adjuster
	Full jet nozzle	Brass, concentrated air jet
	Full jet nozzle	For blowing larger areas
	Bicycle tyre adapter	For inflating bicycle tyres
	Extensions	100 mm, 150 mm, 240 mm

Compressed air hose

	PVC	Fabric reinforced, with hose coupling and nozzle
	DN 6x3 mm, 5 m, 16 bar	DN 6x3 mm, 10 m, 16 bar
	DN 6x3 mm, 20 m, 16 bar	DN 6x3 mm, 25 m, 16 bar
	DN 9x3 mm, 10 m, 10 bar	DN 13x3.5 mm, 10 m, 10 bar


Hose bracket

	150 mm wide	Aluminium
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Spray guns

	Oil spray gun 65 l/min	1 l aluminium container, straight spout, air connection via male coupling
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Car wash gun

	125 l/min	Water connector G 1/2 Water consumption 1.25 m³/h (at 6 bar)
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Cartridge gun

	0.8 l/stroke	For standard cartridges 215 x 50 mm Air connection via male coupling
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Sandblasting guns

	180 l/min	With 0.6 l container For 0.2-0.4 mm blasting abrasive
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Tyre inflator with pressure gauge

	150 mm wide	Range 0 - 10 bar, 6 mm male hose connector
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Bike-tyre and ball inflation set

	3-piece set	With bicycle tyre adapter, ball adapter, inflating nozzle for air beds and rubber dinghies
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KAESER – The world is our home

As one of the world's largest manufacturers of rotary screw compressors, KAESER KOMPRESSOREN is represented throughout the world by a comprehensive network of branches, subsidiary companies and authorised partners in over 90 countries.

With innovative products and services, KAESER KOMPRESSOREN's experienced consultants and engineers help customers to enhance their competitive edge by working in close partnership to develop progressive system concepts that continuously push the boundaries of performance and compressed air efficiency. Moreover, the decades of knowledge and expertise from this industry-leading system provider are made available to each and every customer via the Kaeser group's global computer network.

These advantages, coupled with KAESER's worldwide service organisation, ensure that all products operate at the peak of their performance at all times and provide maximum availability.



KAESER Kompressoren GmbH



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