

Workshop Compressors Premium Series

Displacements: 130 to 660 l/min – Pressure: 10 to 25 bar



PREMIUM – Workshop compressors

What do you expect from your PREMIUM workshop compressor?

The quality and efficiency of technical work is largely dependent on the tools and machinery used. To fulfil their wide range of applications, Premium series products meet the very highest standards in quality, reliability and versatility.

KAESER PREMIUM compressors – a model 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 only every two years) make Premium series compressors from KAESER the ideal choice for everyday use.

Symbols of quality and cutting-edge technology

Made in Germany – KAESER Premium workshop compressors provide exceptional quality and performance. The LwA and CE symbols guarantee that all compressors conform to legal requirements. All Premium compressors are type approved.



PREMIUM workshop compressors – Professional quality and performance

Each Premium Series compressor features Kaeser's low maintenance compressor block, a directly coupled electric motor and an internally coated air receiver. For powers up to 1.5 kW the newly developed Kaeser COMPACT compressor is used in which the motor and compressor casing form a single component. The compressor blocks are manufactured, assembled and tested onsite at the Kaeser reciprocating compressor production facility, located at the Coburg plant in Germany. The high quality air receivers and electric motors are produced exclusively for Kaeser by leading German manufacturers.



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 standards.



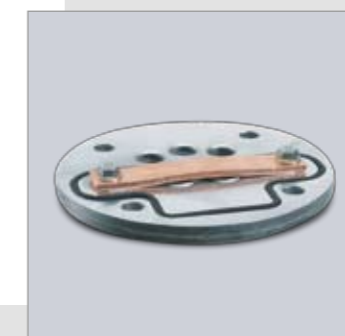
Meticulous assembly

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



COMPACT compressor unit

For significantly enhanced heat dissipation, each KAESER COMPACT compressor unit (up to 1.5kW) comprises an integrated single-cast motor and compressor block housing. All KAESER Premium compressor products feature durable pistons, piston rings, conrods, bearings and crank flanges.



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.

PREMIUM CAR

At home on any construction site

PREMIUM CAR 200/30 W to PREMIUM CAR 660/70 W

**High
quality cylinder**

**Made in
Germany!**

PREMIUM CAR 200/30 W
PREMIUM CAR 250/30 W
PREMIUM CAR 300/30 W



PREMIUM CAR 450/30 W
PREMIUM CAR 150-2/16 W

PREMIUM CAR 660/70 D

PREMIUM CAR 350/30 W



KAESER "PREMIUM CAR" compressors are perfectly equipped to meet the needs of a wide range of construction site applications. All units are easy to transport and are manufactured to the highest quality standards to ensure a long, efficient and reliable service life. A robust cover plate and solid frame protect the "PREMIUM CAR" against the toughest of operating conditions.



Effortless removal of plaster and tiles



Sand blasting – fast and effective



Straightforward, precise lath nailing



Compact design for excellent portability

Technical Specifications

Model	Displacement l/min	Filling volume ¹⁾ l/min	Receiver volume l	Max. pressure bar	Motor power kW	No. of cylinders	Sound pressure level ²⁾ dB(A)	Dimensions in mm W x D x H
PREMIUM CAR 200/30 W	200	145	30	10	1.1	1	69	770 x 510 x 450
PREMIUM CAR 250/30 W	250	180			68		770 x 510 x 450	
PREMIUM CAR 300/30 W	300	215			70		770 x 510 x 450	
PREMIUM CAR 350/30 W	350	285	30	10	1.9	1	66	870 x 560 x 590
PREMIUM CAR 450/30 W	450	370			2.2		870 x 560 x 590	
PREMIUM CAR 660/70 D	660	545	70		3	2	71	1060 x 700 x 630
PREMIUM CAR 150-2/16 W	150	108*	16	25	1.9	2	64	880 x 560 x 590

¹⁾ Delivery at 20 bar

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

Weight kg	Hose connector mm	Power supply (50 Hz) Volts
41	6	230 V AC
43		
45		
75	9	230 V AC
86		
118	6	400 V 3-phase
75	2 x G 1/4	230 V AC

Accessories

Nailers Mid-sized	Airbag additional capacity with/without hose reel	Chipping hammer sets CH 0 with case, 6 chisels, lubricator	SG 1 sandblaster with sandblasting gun and trolley
●	●	○	–
●	●	○	–
●	●	○	●
●	●	○	●
●	●	●	●
●	●	●	●

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

PREMIUM COMPACT –

For light construction work

PREMIUM SILENT 130/10 W to PREMIUM COMPACT 250/4 W
The compact design of these units makes them ideal for light construction work

High
quality cylinder

Made in Germany!



PREMIUM SILENT 130/10 W

PREMIUM COMPACT 160/4 W

PREMIUM COMPACT 250/30 W

PREMIUM COMPACT 350/30 W
PREMIUM COMPACT 450/30 W
with stair wheels

Premium Compact models are especially suited to sub-contractors on small building sites, as often only one tradesman is at work at any given time. The units' special design enables easy single-handed manoeuvrability.

Premium Compact compressors are ideal for applications such as stripping floor coverings, interior work and maintenance tasks.



Fast, easy tacking of panels and profiled wood



Floor coverings stripped with ease



Clean, professional filling



Excellent portability on any construction site

Technical Specifications

Model	Displacement l/min	Filling volume ¹⁾ l/min	Receiver volume l	Max. pressure bar	Motor power kW	No. of cylinders	Sound pressure level ²⁾ dB(A)	Dimensions in mm W x D x H
PREMIUM SILENT 130/10 W	130	100	10	10	0.75	1	59	370 x 410 x 650
PREMIUM COMPACT 250/30 W	250	180	30	10	1.25	1	70	410 x 530 x 810
PREMIUM COMPACT 350/30 W	350	285	30	10	1.9	1	67	570 x 640 x 1010
PREMIUM COMPACT S 350/30 W ³⁾								650 x 630 x 1030
PREMIUM COMPACT 450/30 W	450	370	30	10	2.2	2	68	640 x 570 x 1010
PREMIUM COMPACT S 450/30 W ³⁾								650 x 630 x 1030
PREMIUM COMPACT 160/4 W	160	125	4	20	1.1	1	60	570 x 350 x 510
PREMIUM COMPACT 200/4 W	200	145	4	10	1.1	1	60	570 x 350 x 510
PREMIUM COMPACT 250/4 W	250	180	4	10	1.25	1	61	570 x 350 x 510
PREMIUM COMPACT 300/4 W	300	215	4	10	1.5	1	61	570 x 350 x 510

¹⁾ Corresponds to a receiver filling period from 3 to 6 bar at operating temperature; ²⁾ measured surface sound pressure level: from ISO 3744, r= 4m; ³⁾ with stair wheels for climbing stairs

Accessories

Weight kg	Hose connector mm	Power supply (50 Hz) Volts
27	6	230 V AC
38	6	230 V AC
70	9	230 V AC
68	6	230 V AC
79		
76	6	230 V AC
31	6	230 V AC
32	6	
33	6	
34	6	

Nailers Mid-sized	Airbag additional capacity with/without hose reel	Chipping hammer sets CH 0 with case, 6 chisels, lubricator	SG 1 sandblaster with sandblasting gun and trolley
●	●	○	–
●	●	○	–
●	●	●	●
●	●	●	●
●	●	●	●
●	●	–	–
●	●	–	–
●	●	–	–
●	●	○	–

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

PREMIUM – For the workshop

PREMIUM 200/24 W to PREMIUM 660/90 D

High
quality cylinder

Made in Germany!



Premium workshop compressors are particularly versatile and therefore ideally suited to use in the demanding field of automotive repair. Whether carrying out rapid tyre changes, repairing minor bodywork damage or supplying compressed air to small workshops, a Premium compressor from KAESER is the perfect choice.



Impact wrenching for repair work



Drilling in wood, metal or concrete



Fast and effortless sanding



Outstanding painting results with no fuss

Technical Specifications

Model	Displacement l/min	Filling volume ¹⁾ l/min	Receiver volume l	Max. pressure bar	Motor power kW	No. of cylinders	Sound pressure level ²⁾ dB(A)	Dimensions in mm W x D x H	Weight kg
PREMIUM 200/24 W PREMIUM 200/24 D	200	145	24	10	1.1	1	68	740 x 375 x 660 750 x 375 x 660	29 31
PREMIUM 250/24 W PREMIUM 250/24 D	250	180	24	10	1.25 1.20	1	70	740 x 375 x 660	34 35
PREMIUM 250/40 W PREMIUM 250/40 D	250	180	40	10	1.25 1.20	1	71	900 x 420 x 720 900 x 410 x 720	41 38
PREMIUM 300/40 W PREMIUM 300/40 D	300	215	40	10	1.5	1	70	900 x 410 x 740	41 42
PREMIUM 350/40 W PREMIUM 350/40 D	350	285	40	10	1.9 1.7	1	68	900 x 420 x 760	63 56
PREMIUM 350/90 W PREMIUM 350/90 D	350	285	90	10	1.9 1.7	1	69	1160 x 460 x 870 1180 x 460 x 870	80 73
PREMIUM 450/40 W PREMIUM 450/40 D	450	370	40	10	2.2 2.4	2	69	900 x 500 x 720	70 65
PREMIUM 450/90 W PREMIUM 450/90 D	450	370	90	10	2.2 2.4	2	71	1190 x 500 x 840 1120 x 500 x 830	86 82
PREMIUM 660/90 D	660	545	90	10	3	2	71	1240 x 570 x 980	103

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

Accessories

Hose connector mm	Power supply (50 Hz) Volts	Integrated hose reel
6	230 V AC 400 V 3-phase	–
6	230 V AC 400 V 3-phase	–
6	230 V AC 400 V 3-phase	Option
6	230 V AC 400 V 3-phase	Option
9	230 V AC 400 V 3-phase	Option
9	230 V AC 400 V 3-phase	Option
9	230 V AC 400 V 3-phase	Option
9	230 V AC 400 V 3-phase	Option
9	400 V 3-phase	Option

Impact wrench set SSPR 23 with case, sockets, extension, lubricator	Drill BPR 10 LR with quick-change clutch, left / right drive	Orbital sander ESR 150 ST with Velcro backing disc	Ratchet screwdriver RWR 111 1/2" chuck
○	–	–	–
●	–	–	○
●	–	–	○
●	–	–	●
●	–	–	●
●	○	●	●
●	●	●	●
●	●	●	●

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

PREMIUM — Quality at a glance

The exceptional quality of KAESER's products is achieved by using the very best materials and components. These come together in our extensive range of Premium Workshop

compressed air equipment that is renowned throughout the world for its durability 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 Pressure switch with unloaded start
- 5 Filter pressure regulator with quick-release coupling
- 6 Pressure relief valve
- 7 Check valve
- 8 Oil filler with vent
- 9 Oil drain plug


- 10 Sound & vibration damper
- 11 Fan / flywheel
- 12 Terminal box with overload protection
- 13 Condenser
- 14 Internally-coated air receiver
- 15 Manual cold-start option
- 16 Rugged wheels
- 17 Ribbed cooling pipes

Tools and Accessories


Chipping hammers

	CH 0 350 l/min	Tool size 15 x \varnothing 2.8 x 51.1 Blow frequency 36 000 per min
	CH 0 Set 350 l/min	In case with 6 chisels and lubricator


Tool lubricator

	3/8" lubricator to 1 400 l/min	For attachment to the tool or in the hose
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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 inflator with infla- tion gauge, Ball and bike tyre inflation set, 5 m PVC hose
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Blow guns, nozzles and extensions

	Blow gun 160 l/min	With male coupling and nozzle 1 mm
	Flat jet nozzle	Plastic, 16 parallel air channels
	Flat jet nozzle	With jet-width adjuster
	Full jet nozzle	Brass, concentrated air jet
	Full jet nozzle	For blowing large 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 width	Aluminium
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Spray guns

	Spray guns 180-310 l/min	With 4 m hose, 2 mm nozzle for whitewash, emulsions and glazes
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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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Ball and bike-tyre inflating set

	3-piece set	With bicycle tyre adapter, ball adapter, inflating nozzle for air beds and rubber dinghies
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Tyre inflators with pressure gauge filling-station connector

	With lever or filling-station connector Optionally available ready for calibration or already calibrated
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Airbag

	To maintain optimum tool power without pressure loss. 15 l Air receiver, 11 bar, internally coated. With hose reel and 20 m hose. Also available without hose reel.
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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.

