

Workshop Compressors PREMIUM Series



PREMIUM – Workshop compressors

What do you expect from your PREMIUM workshop compressor?

The quality and efficiency of technical work depends greatly 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.



High
quality cylinder



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 on-site in the KAESER reciprocating compressor production facility, located at the Coburg production plant in Germany. The high quality air receivers and electric motors are produced exclusively for KAESER KOMPRESSOREN by leading German manufacturers.



Precision machining

Using the most advanced manufacturing processes and with almost a century of experience in precision engineering, KAESER's skill and expertise guarantees products of the very highest quality standards.



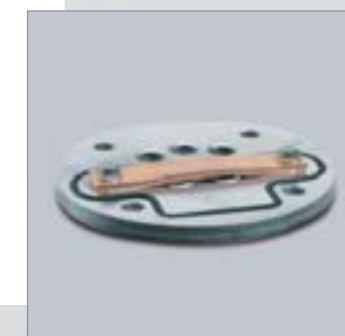
Meticulous assembly

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



KAESER-quality compressor block

Made from premium grade materials and subjected to rigorous inspection, every compressor block component is meticulously machined and expertly assembled.



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 D

**High
quality cylinder**



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

PREMIUM CAR 450/30 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 mm W x D x H
PREMIUM CAR 200/30 W	200	145	30	10	1.1	1	76	510 x 770 x 450
PREMIUM CAR 250/30 W	250	180			1.25		75	510 x 770 x 450
PREMIUM CAR 300/30 W	300	215			1.5		77	510 x 770 x 450
PREMIUM CAR 350/30 W	350	285	30	10	1.9	1	72	560 x 870 x 590
PREMIUM CAR 450/30 W	450	370			2.2		72	560 x 870 x 590
PREMIUM CAR 660/70 D	660	545	70		3	2	76	700 x 1060 x 630
PREMIUM CAR 150-2/16 W	150	116	16	25	1.9	2	70	560 x 880 x 590

Weight kg	Hose connection mm	Power supply (50 Hz) Volt
41	6	230 V AC
43		
45		
75	9	230 V AC
86		
119	9	400 V DC
75	2 x G 1/4	230 V AC

Suitable tools and accessories

Nailers Mid-sized	Airbag additional capacity with/without hose reel	Chipping hammer approx. 350 l/min	Sandblaster approx. 180 l/min
●	●	○	–
●	●	○	–
●	●	○	●
●	●	○	●
●	●	●	●
●	●	●	●

¹⁾ Corresponds to a receiver filling period of 3 to 6 bar at operating temperature; ²⁾ Sound pressure level as per ISO 2151 and basic standard ISO 9614-2, tolerance: ± 3 dB (A)

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

PREMIUM COMPACT

For light construction work

PREMIUM SILENT 130/10 W to PREMIUM COMPACT 450/30 W
The compact design of these units makes them ideal for light construction work

High
quality cylinder



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 subcontractors on small building sites, as often only one tradesman is at work at any given time. The special design of PREMIUM COMPACT trades compressors enables easy single-handed manoeuvrability.

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



Easy, fast 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 mm W x D x H
PREMIUM SILENT 130/10 W	130	100	10	10	0.75	1	66	410 x 370 x 650
PREMIUM COMPACT 250/30 W	250	180	30	10	1.25	1	76	530 x 410 x 810
PREMIUM COMPACT 350/30 W	350	285	30	10	1.9	1	72	640 x 570 x 1010
PREMIUM COMPACT S 350/30 W ³⁾								630 x 650 x 1030
PREMIUM COMPACT 450/30 W	450	370	30	10	2.2	2	73	570 x 650 x 1010
PREMIUM COMPACT S 450/30 W ³⁾								630 x 650 x 1030
PREMIUM COMPACT 160/4 W	160	125	4	20	1.1	1	72	350 x 560 x 560
PREMIUM COMPACT 200/4 W	200	145	4	10	1.1	1	73	350 x 560 x 560
PREMIUM COMPACT 250/4 W	250	180	4	10	1.25	1	73	350 x 560 x 560
PREMIUM COMPACT 300/4 W	300	215	4	10	1.5	1	73	350 x 560 x 560

¹⁾ Corresponds to a receiver filling period of 3 to 6 bar at operating temperature

²⁾ Sound pressure level as per ISO 2151 and basic standard ISO 9614-2, tolerance: ± 3 dB(A), ³⁾ With stair wheels

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

Suitable tools and accessories

Nailers Mid-sized	Airbag additional capacity with/without hose reel	Chipping hammer approx. 350 l/min	Sandblaster approx. 180 l/min
●	●	○	-
●	●	○	-
●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●
●	●	-	-
●	●	-	-
●	●	-	-
●	●	○	-

● 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



PREMIUM 200/24
PREMIUM 250/24

PREMIUM 450/40
PREMIUM 450/90
PREMIUM 660/90

PREMIUM 200/40
PREMIUM 250/40
PREMIUM 300/40

PREMIUM 350/40
PREMIUM 350/90



KAESER
COMPRESSORS

PREMIUM workshop compressors are exceptionally versatile and are 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 mm W x D x H	Weight kg
PREMIUM 200/24 W PREMIUM 200/24 D	200	145	24	10	1.1	1	74	375 x 740 x 660 375 x 750 x 660	29 31
PREMIUM 250/24 W PREMIUM 250/24 D	250	180	24	10	1.25 1.20	1	76	375 x 740 x 660	34 35
PREMIUM 250/40 W PREMIUM 250/40 D	250	180	40	10	1.25 1.20	1	77	420 x 900 x 720 410 x 900 x 720	41 38
PREMIUM 300/40 W PREMIUM 300/40 D	300	215	40	10	1.5	1	76	410 x 900 x 740	41 42
PREMIUM 350/40 W PREMIUM 350/40 D	350	285	40	10	1.9 1.7	1	74	420 x 900 x 760	63 56
PREMIUM 350/90 W PREMIUM 350/90 D	350	285	90	10	1.9 1.7	1	74	460 x 1160 x 870 460 x 1180 x 870	80 73
PREMIUM 450/40 W PREMIUM 450/40 D	450	370	40	10	2.2 2.4	2	75	500 x 900 x 720	70 65
PREMIUM 450/90 W PREMIUM 450/90 D	450	370	90	10	2.2 2.4	2	76	500 x 1190 x 840 500 x 1120 x 830	86 82
PREMIUM 660/90 D	660	545	90	10	3	2	76	570 x 1240 x 980	103

¹⁾ Corresponds to a receiver filling period of 3 to 6 bar at operating temperature

²⁾ Sound pressure level as per ISO 2151 and basic standard ISO 9614-2, tolerance: ± 3 dB (A)

Suitable tools and accessories

Hose connection mm	Electrical connection (50 Hz) Volt	Integrated hose reel
6	230 V AC 400 V DC	–
6	230 V AC 400 V DC	–
6	230 V AC 400 V DC	Optional
6	230 V AC 400 V DC	Optional
9	230 V AC 400 V DC	Optional
9	230 V AC 400 V DC	Optional
9	230 V AC 400 V DC	Optional
9	230 V AC 400 V DC	Optional
9	400 V DC	Optional

Impact wrenches approx. 130-350 l/min	Drill approx. 460-620 l/min	Orbital sander approx. 350-490 l/min	Ratchet screwdriver approx. 170-460 l/min
○	–	–	–
●	–	–	○
●	–	–	○
●	–	–	●
●	–	–	●
●	○	●	●
●	●	●	●
●	●	●	●

● 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:





PREMIUM COMPACT
450/30 W

PREMIUM COMPACT
450/30 W


- | | |
|---|--|
| 1 Silenced air intake filter | 10 Sound & vibration dampers |
| 2 Compressor block | 11 Fan / flywheel |
| 3 Maintenance-free 1:1 direct drive | 12 Terminal box with overload protection |
| 4 Pressure switch with unloaded start | 13 Condenser |
| 5 Filter pressure regulator with quick-release coupling | 14 Internally-coated air receiver |
| 6 Pressure relief valve | 15 Manual cold-start option |
| 7 Check valve | 16 Rugged wheels |
| 8 Oil filler with vent | 17 Ribbed cooling pipes |
| 9 Oil drain plug | |

Tools and accessories



Chipping hammers

	CHH 10 348 l/min	Tool size □ 12.7 / Ø 15 x 53 Blow frequency 3600 per min
	CHH 10 Set 348 l/min	In case with 6 chisels and lubricator


Tool lubricator

	3/8" lubricator up to 1400 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 inflation gauge, ball and bicycle 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 1 mm nozzle
	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 blow-off of 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 6 X 3 mm, 5 m, 16 bar	DN 6 X 3 mm, 10 m, 16 bar
	DN 6 X 3 mm, 20 m, 16 bar	DN 6 X 3 mm, 25 m, 16 bar
	DN 9 X 3 mm, 10 m, 10 bar	DN 13 X 3.5 mm, 10 m, 10 bar


Hose bracket

	150 mm wide	Aluminium
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Spray gun

	Spray guns 180-310 l/min	With 4 m hose, 2 mm nozzle for whitewash, emulsions and glazes
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Sandblasting gun

	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 and 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 100 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 COMPRESSORS Australia Pty. Ltd.

Locked Bag 1406 – Dandenong South – Vic. 3164

45 Zenith Road – Dandenong – Vic. 3175

Phone: +61 3 9791 5999 – Fax: +61 3 9791 5733 – E-mail: info.australia@kaeser.com – www.kaeser.com