

PREMIUM Series

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



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

KAESER Premium compressors are quality products “Made in Germany”. The LwA and CE symbols guarantee that all compressors conform to legal requirements. All Premium compressors are type approved.



High
quality cylinder



Made in Germany!

PREMIUM Workshop Compressors



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.

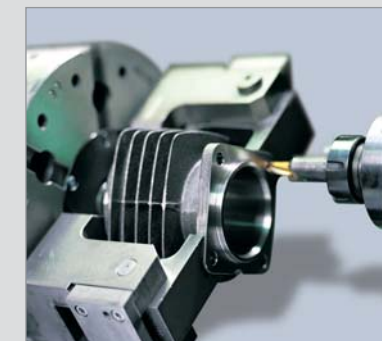
For powers up to 1.5 kW the newly developed KAESER COMPACT compressor unit is used in which motor and compressor casing form a single component. The high quality air receivers and the electric motors are manufactured exclusively for KAESER by leading German manufacturers.

All compressor blocks are produced in KAESER's specialised reciprocating compressor production facility, where the complete compressor is also assembled and tested.

German Quality

Precision machining

Using the most modern 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 block assembly

Compressor block assembly requires specialist knowledge and comprehensive training. Our skilled workforce meticulously assembles each compressor block to ensure outstanding performance.



Careful final assembly

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



QM-System testing

Every compressor undergoes comprehensive testing before delivery. All components must pass the stringent tests determined by our Quality Management System.



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 to ensure long service-life and optimal performance.

Wear-free cylinder

Our special machining process - produces a perfect finish on the inside wall of the cylinder, which makes running-in of the compressor unnecessary as no significant wear takes place after the unit is started for the first time.

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 longer service life.

Tough electric motor

Heavy duty bearings and a generously sized electric coil enhance motor durability and enable the unit to withstand under-voltage which often occurs when connecting to extended power cables.

High-grade lubricating fluid

Every Premium compressor is filled with special, temperature-resistant high-grade lubricating fluid that prevents 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
qualitycylinder

Made in
Germany!



Premium Car - Technical Specifications and Dimensions

Model	Piston displacement	Filling volume ¹	Air receiver	Pressure	Motor power	No. of cylinders	Sound pressure level ²	Dimensions	Weight	Hose connector	Power supply (50 Hz) Volt
	l/min	l/min	l	bar	kW		dB(A)	L x W x H mm	kg		
Premium Car 200/30 W	200	145			1.1		69	770 x 510 x 450	42	6	230 V AC
Premium Car 250/30 W	250	180	28	10	1.25	1	68	770 x 510 x 450	43		
Premium Car 300/30 W	300	215			1.5		70	770 x 510 x 450	45		
Premium Car 350/30 W	350	285	28		1.9	1	66	870 x 560 x 590	72	9	230 V AC
Premium Car 450/30 W	450	370	70	10	2.2	2	71	870 x 560 x 590	78		
Premium Car 660/70 D	660	545			3		71	1060 x 700 x 630	118		
Premium Car 150-2/8-H25W	150	at 6 bar 116 l/min; at 20 bar 108 l/min	8	25	1.9	2	68	840 x 500 x 450	63	6	230 V AC

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 = 4 m



Ideal for any construction site, the compact and powerful “Premium Car” compressor range is perfect for all sandblasting, nailing, tacking, jointing, impact wrenching, drilling, sanding and painting applications; the possibilities are endless. All units are easy to transport and are manufactured to the highest quality standards to ensure a long, efficient and reliable service life.



Effortless removal of plaster and tiles



Fast and effective sandblasting



Straightforward, precise lath nailing



Compact design for excellent portability

Suitable Tools and Accessories

Medium-sized nailers	Airbag additional capacity with/without hose reel	Chipping hammer sets		Sandblaster SG1 with sandblasting gun and trolley
		HR 21 S Set with case, 5 chisels hexagon shank	CH 0 Set with case, 6 chisel lubricator	
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Particularly suited to high pressure nailing applications				

● 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



Premium Compact Compressors – Technical Specifications and Dimensions

Model	Piston displacement l/min	Filling volume ¹⁾ l/min	Air receiver l	Pressure bar	Motor power kW	No. of cylinders	Sound pressure level ²⁾ dB(A)	Dimensions L x W x H mm	Weight kg
Premium Silent 130/10 W	130	100	10	10	0.75	1	59	370 x 410 x 645	27
Premium Compact 250/30 W	250	180	30	10	1.3	1	70	570 x 640 x 1010	41
Premium Compact S 250/30 W ³⁾								650 x 630 x 1035	47
Premium Compact 350/30 W	350	285	30	10	1.9	1	67	570 x 640 x 1010	57
Premium Compact S 350/30 W ³⁾								650 x 630 x 1035	65
Premium Compact 450/30 W	450	370	30	10	2.2	2	79	640 x 570 x 1010	66
Premium Compact S 450/30 W ³⁾								650 x 630 x 1035	72
Premium Compact 160/4 W	160	125	4	20	1.1	1	70	520 x 270 x 450	32
Premium Compact 250/4 W	250	180		10	1.25		68	520 x 270 x 450	

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 = 4 m

³⁾ With stair wheels for climbing stairs

KAESER
COMPRESSORS

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

Suitable Tools and Accessories

Cartridge gun suitable for standard cartridges	Medium-sized nailers	Chipping hammer set HR 21set with case and 5 chisels, hexagon shank	Air spade/hammer
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● Best suited

○ Suited to short-term use

— Not applicable

Premium – For the workshop

Premium 200/24 W to Premium 660/90 D



Premium Compressors - Technical Specification and Dimensions

Model	Piston displacement l/min	Filling volume ¹ l/min	Air receiver l	Pressure bar	Motor power kW	No. of cylinders	Sound pressure level ² dB(A)	Dimensions L x W x H mm	Weight kg
Premium 200/24 W Premium 200/24 D	200	145	24	10	1.1	1	68	740 x 375 x 660	34
Premium 250/24 W Premium 250/24 D	250	180	24	10	1.25 1.2	1	70	740 x 375 x 660	35
Premium 250/40 W Premium 250/40 D	250	180	40	10	1.25 1.2	1	71	900 x 410 x 720	41
Premium 300/40 W Premium 300/40 D	300	215	40	10	1.5	1	70	900 x 410 x 740	41
Premium 350/40 W Premium 350/40 D	350	285	40	10	1.9 1.7	1	68	900 x 420 x 760	63 59
Premium 350/90 W Premium 350/90 D	350	285	90	10	1.9 1.7	1	69	1160 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 470 x 840	86 82
Premium 660/90 D	660	545	90	10	3	2	71	1240 x 570 x 975	107

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 = 4 m

KAESER
COMPRESSORS

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



Drilling in wood, metal or concrete



Fast and effortless sanding



Outstanding painting results with no fuss


Suitable Tools and Accessories

Impact wrench set SSPR 23 set with case, sockets, extension, lubricator	Drill BPR 10 LR with quick-change clutch left / right drive	Orbital sander ESR 150ST with Velcro backing disc	Ratchet screwdriver RWR 111 1/2" chuck
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● Best suited ○ Suited to short-term use — Not applicable

Tools and Accessories for Premium Compressors


Impact wrench 1/2"

	SSPR 223 200 l/min	Composite casing Torque 950 Nm Unloaded speed 8000 rpm Point-impact mechanism
	SSPR 161 200 l/min	Composite casing Torque 390 Nm, Unloaded speed 13 000 rpm, Ring-hammer impact mechanism
	SSPR 222 170 l/min	Composite casing Torque 900 Nm, Unloaded speed 7 800 rpm, Ring-hammer impact mechanism
	SSPR 200 Set	Torque 600 Nm With case, sockets, extension, hose lubricator



Ratchets

	RWR 101 170 l/min	3/8", Torque 90 Nm Unloaded speed 150 rpm
	RWR 111 170 l/min	1/2", Torque 60 Nm Unloaded speed 170 rpm
	RWR 130 225 l/min	1/2", Torque 130 Nm Unloaded speed 150 rpm
	RWR 120 115 l/min	1/2", Torque 140 Nm Unloaded speed 220 rpm



Screwdriver 1/4"

	DSR 81 R 350 l/min	Torque 1.7 - 10.2 Nm Unloaded speed 1800 rpm Right rotation
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Drill for 1 - 10 mm drill bits

	BR 10 380 l/min	Power 500 W, Right rotation Unloaded speed 2000 rpm
	BPR 10 LR 460 l/min	Power 500 W, Left/right rotation Unloaded speed 2000 rpm


Die grinders with 6 mm chuck

	SR 62 Set 340 l/min	Unloaded speed 26 000 rpm Thermally insulated
	SR 61 Set 340 l/min	With case, grinding tools 3 and 6 mm chucks


110° Angle grinder

	WSR 61 320 l/min	Unloaded speed 15 000 rpm 6 mm chuck
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Sander for 115 mm discs

	HSR 115 410 l/min	Unloaded speed 25 000 rpm Power 400 W
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Orbital sander for 150 mm sanding discs

	ESR 154 St 390 l/min	Unloaded speed 10 000 rpm Stroke 5 mm
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Orbital block sander 95x170 mm pad

	FSR 170 360 l/min	Single hand grip, Stroke 5 mm Unloaded speed 10 000 rpm
	FSR 171 360 l/min	Pistol grip, Stroke 5 mm Unloaded speed 10 000 rpm


Belt sander

	BSR 12 400 l/min	Belt 10 x 330 mm Unloaded speed 13 000 rpm
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Polishers

	PSR 2 340 l/min	Unloaded speed 1600 rpm Plate diameter 75 mm Spindle 5/16"
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Riveters

	BRN 21 1.1 l/min	For rivets 3.2 - 4.8 mm Riveting force 15 000 N
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Sheet metal saw

	STR 21 230 l/min	Stroke 10 mm Stroke speed 10 000 per min
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Needle scaler

	HR 19 N 190 l/min	19 Needles, Ø 3 mm Blow speed 4 000 per min
	HR 25 N 120 l/min	29 Needles, Ø 3 mm Blow speed 3 000 per min



Filer set

	FMR 9 120 l/min	With flat, round, half-round and triangular files Stroke speed 3 700 per min 6.5 mm drive
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Engraver

	RRI 9010 300 l/min	For Ø 1.7 mm engraving needles Blow speed 36 000 per min
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Chipping hammer

	CH 0 350 l/min	Chuck 15x 2.8 x 51.1 blow speed 36 000 per min
	CH 0 Set 350 l/min	In tool-case with 6 chisels and lubricator


Tool lubricator

	3/8" lubricator	For attachment to the tool to 1400 l/min or in the hose
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Paint spray guns

	Optima 601 100 l/min	Container contents 0.6 l Nozzle set 1.2 mm
	LM 2000/B 220 l/min	Container contents 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 bike tyre inflation set, 5 m PVC hose
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Blow guns, nozzles and extensions

	Blow-off nozzle	DN 7.2 hose coupling 300 l/min Adjustable air nozzle
	Blow gun	With male coupling and nozzle 160 l/min 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


Sandblaster complete

	SG1	with syphon blast gun, 50 kg blasting abrasive, 185 - 310 l/min, transport barrow, protective hood
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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, 20 m, 16 bar DN 9 x 3 mm, 10 m, 10 bar DN 6 x 3 mm, 10 m, 16 bar DN 6 x 3 mm, 25 m, 16 bar DN 13x3.5mm, 10m, 10 bar
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Hose bracket

	150 mm width	Aluminium
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Spray guns

	Spray guns 185-310 l/min	With 4 m supply hose, Nozzle, 2 mm, for whitewash, emulsions, glazes
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Car wash gun

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

	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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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 locking connection

		With lever or dual connector for filling stations Optionally available ready for calibration or already calibrated
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Airbag

		Ensures optimal tool performance Air receiver 15 l, 11 bar, internally coated With hose reel and 20 m hose Also available without hose reel
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Reciprocating Compressor Production



Equipped with the very latest facilities and production technology, the Reciprocating Compressor Production Centre at KAESER's headquarters in Coburg, Germany, is home to the manufacture of all "Premium" Series compressors.