



# Trades Compressors

## **PREMIUM Series**

Flow rate 83 to 440 l/min

Pressure 10 to 25 bar

# PREMIUM series

To fulfil their wide range of applications, PREMIUM series products meet the very highest standards in quality, reliability and versatility. You'll find a model to suit every application.

Meticulous construction using the very best materials ensures a long, efficient and reliable service life. Proven quality, robust design and long maintenance intervals make PREMIUM series compressors from KAESER the ideal choice for everyday use.

## Precision machining

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

## Stainless steel valves

The valve reeds in the corrosion-resistant stainless steel valves are fitted with heat-dissipating lift limiters to ensure airtight 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.

## Assured quality and cutting-edge technology

KAESER PREMIUM trades compressors are quality products Made in Germany. The LwA and CE symbols guarantee that all compressors conform to legal requirements. PREMIUM series trades compressors are type approved.

## Made in Germany

Equipped with Made in Germany compressor blocks from KAESER, PREMIUM series trades compressors provide exceptional quality and performance. For powers up to 1.5 kW, the motor and compressor housing form a single component. The compressor blocks are manufactured, assembled and tested on site at the KAESER reciprocating compressor production centre, located at the Coburg plant in Germany. High-quality materials and meticulous assembly guarantee maximum compressed air performance and long service life.

# The ideal trades compressor for every need



PREMIUM  
CAR



PREMIUM  
COMPACT



PREMIUM

Construction  
sites

► More on pages 4-5

Construction-  
related  
applications

► More on pages 6-7

Workshop

► More on pages 8-9



Compressor block with  
1 cylinder

Compressor block with  
2 cylinders

## KAESER-quality compressor block

Made from premium-grade materials and subjected to rigorous inspection, each KAESER KOMPRESSOREN compressor block is meticulously machined and assembled to ensure outstanding compressed air performance, efficiency and durability.

# PREMIUM CAR – for the construction site

KAESER “PREMIUM CAR” trades compressors are perfectly equipped to meet the needs of a wide range of construction site applications. Their compact design makes transportation easy and ensures excellent stability, meaning that the compressor cannot tip over. A robust cover plate and solid frame protect “PREMIUM CAR” compressors against the toughest of operating conditions.

Turn to pages 12-13 for technical specifications

High  
quality cylinder

97  
dB

CE

Receiver  
Internally coated



Image: PREMIUM CAR 330/30 W



Image: PREMIUM CAR 660/70 D



Image: PREMIUM CAR 350/30 W



Image: PREMIUM CAR 150-2/16 W



Image: PREMIUM CAR 450/30 W



## Stucco removal made simple

Stucco removal is a demanding and time-consuming task. The PREMIUM CAR is the perfect choice for this job and is ideal for powering chipping hammers to enable quick and effective removal of damaged or damp stucco.



## Effective sandblasting

Quality sandblasting results depend heavily on the air pressure and the volume of air at the nozzle. The right PREMIUM CAR is available to meet all compressed air volume requirements. Surface treatment using sandblasting therefore could not be easier.



## Impressive nailing performance

KAESER PREMIUM CAR series trades compressors are also perfectly suited to carpentry applications. Their impressive performance when using air nailer guns makes them a powerful and efficient partner for every roofer.



## Safe & easy to transport

PREMIUM CAR trades compressors are convenient and efficient work companions. Their compact and solid design not only protects them from tipping over, but also enables easy transportation on the construction site thanks to the two sturdy wheels.

# PREMIUM COMPACT for construction-related applications

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

Turn to pages 12-13 for technical specifications



Image: PREMIUM COMPACT 350/30W



Image: PREMIUM COMPACT 450/30W



Image: PREMIUM SILENT 130/10W



Image: PREMIUM COMPACT 160/4W



Image: PREMIUM COMPACT 250/30W



## Stapling – fast and effective

Stapling saves time and is invaluable when it comes to fastening sheeting, netting and materials. KAESER PREMIUM COMPACT series trades compressors provide the right supply of compressed air, whatever the need. Construction site stapling tasks therefore virtually take care of themselves!



## Floor stripping – quick and simple

PREMIUM COMPACT compressors are a great choice for stripping of floor coverings using compressed air lances. Not only that, but they are the best choice for all interior construction site duties that require a constant supply of compressed air.



## Professional jointing and sealing

Silicone work not only has to be accurate, but also has to be carried out quickly. PREMIUM COMPACT trades compressors therefore provide you with a constant supply of compressed air to allow you to seal joints quickly and effectively.



## Easy to transport

With impressive power and performance, PREMIUM COMPACT series compressors are also easy to transport. Their compact design makes them surprisingly easy to manoeuvre, even when tackling stairs.

# PREMIUM – for the workshop

PREMIUM trades compressors are exceptionally versatile and are 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.

Turn to pages 14-15 for technical specifications

High  
quality cylinder

97  
dB

CE

Receiver  
Internally coated



Image: PREMIUM 350/90 D



Image: PREMIUM 450/40 W



Image: PREMIUM 660/90 D



Image: PREMIUM 250/40 W



Image: PREMIUM 200/24 D



## Impact wrench power

No matter whether in the workshop or at home, PREMIUM series trades compressors have all of your workshop needs covered, such as quick and easy tightening and loosening of wheel nuts, with KAESER compressed air and Made in Germany quality.



## Drilling in wood, stone or metal

Pneumatic drills are indispensable partners and a key piece of equipment for any good workshop. KAESER PREMIUM compressors always have more than enough compressed air on tap to ensure that you're never let down when carrying out longer and sustained drilling tasks.



## Multifaceted sanding & grinding

Orbital sanders, straight grinders, cut-off and angle grinders – your compressed air demand is as multifaceted as your sanding and grinding equipment, which is why PREMIUM series trades compressors are the ideal choice for even the most varied of compressed air requirements.



## Effortless painting

Enjoy great results every time for all of your painting jobs with PREMIUM series trades compressors. Paint and transform large surface areas quickly and effortlessly. KAESER has the perfect compressed air solution to cover all of your painting needs. The addition of optimum compressed air treatment further ensures brilliant results.



Pressure switch with unloaded start



Filter pressure reducer with quick-connect coupling

Image: PREMIUM COMPACT 450/30 W



Silenced air intake filter



Fan / flywheel

Image: PREMIUM COMPACT 450/30 W

## PREMIUM – Quality at a glance

The exceptional quality of KAESER's products is achieved through the use of the very best materials and components. The sum of high-quality components creates a high-quality whole.

The components used in PREMIUM series compressors are of the highest quality for which the KAESER name is renowned throughout the world.



Image: Quality KAESER compressor block

The key compressor components are highlighted above:

- |     |                                                     |     |                                       |
|-----|-----------------------------------------------------|-----|---------------------------------------|
| 1)  | Silenced air intake filter                          | 11) | Terminal box with overload protection |
| 2)  | Reciprocating compressor block                      | 12) | Condenser                             |
| 3)  | Maintenance-free 1:1 direct drive                   | 13) | Air receiver (internally coated)      |
| 4)  | Pressure switch with unloaded start                 | 14) | Manual cold-start aid                 |
| 5)  | Filter pressure reducer with quick-release coupling | 15) | Ribbed cooling pipes                  |
| 6)  | Safety valve                                        |     |                                       |
| 7)  | Check valve                                         |     |                                       |
| 8)  | Oil filler port with vent                           |     |                                       |
| 9)  | Oil drain screw                                     |     |                                       |
| 10) | Fan / flywheel                                      |     |                                       |

Technical specifications



| Model                  | Flow rate<br>at 6 bar | Intake volume | Air<br>receiver<br>volume | Max.<br>pressure | Compressor<br>block<br>shaft power | No. of<br>cylinders | Sound pressure<br>level <sup>1)</sup> | Dimensions<br>W x D x H |
|------------------------|-----------------------|---------------|---------------------------|------------------|------------------------------------|---------------------|---------------------------------------|-------------------------|
|                        | l/min                 | l/min         | l                         | bar              | kW                                 |                     | dB(A)                                 | mm                      |
| PREMIUM CAR 200/30 W   | 113                   | 200           | 30                        | 10               | 1.1                                | 1                   | 73                                    | 510 x 770 x 460         |
| PREMIUM CAR 250/30 W   | 144                   | 250           | 30                        | 10               | 1.25                               | 1                   | 75                                    | 510 x 770 x 460         |
| PREMIUM CAR 300/30 W   | 166                   | 300           | 30                        | 10               | 1.5                                | 1                   | 77                                    | 510 x 770 x 460         |
| PREMIUM CAR 350/30 W   | 211                   | 350           | 30                        | 10               | 1.9                                | 1                   | 71                                    | 560 x 870 x 590         |
| PREMIUM CAR 450/30 W   | 274                   | 450           | 30                        | 10               | 2.2                                | 2                   | 71                                    | 560 x 870 x 590         |
| PREMIUM CAR 660/70 D   | 440                   | 660           | 70                        | 10               | 3.0                                | 2                   | 74                                    | 690 x 1040 x 630        |
| PREMIUM CAR 150-2/16 W | At 20 bar: 103        | 150           | 16                        | 25               | 2.2                                | 2                   | 70                                    | 560 x 870 x 590         |



| Model                                    | Flow rate<br>at 6 bar | Intake volume | Air<br>receiver<br>volume | Max.<br>pressure | Compressor<br>block<br>shaft power | No. of<br>cylinders | Sound pressure<br>level <sup>1)</sup> | Dimensions<br>W x D x H |
|------------------------------------------|-----------------------|---------------|---------------------------|------------------|------------------------------------|---------------------|---------------------------------------|-------------------------|
|                                          | l/min                 | l/min         | l                         | bar              | kW                                 |                     | dB(A)                                 | mm                      |
| PREMIUM SILENT 130/10 W                  | 83                    | 130           | 10                        | 10               | 0.75                               | 1                   | 66                                    | 380 x 410 x 650         |
| PREMIUM COMPACT 250/30 W                 | 144                   | 250           | 30                        | 10               | 1.25                               | 1                   | 77                                    | 530 x 410 x 810         |
| PREMIUM COMPACT 350/30 W                 | 211                   | 350           | 30                        | 10               | 1.9                                | 1                   | 73                                    | 630 x 550 x 1010        |
| PREMIUM COMPACT S 350/30 W <sup>2)</sup> | 211                   | 350           | 30                        | 10               | 1.9                                | 1                   | 73                                    | 630 x 650 x 1030        |
| PREMIUM COMPACT 450/30 W                 | 274                   | 450           | 30                        | 10               | 2.2                                | 2                   | 70                                    | 630 x 550 x 1010        |
| PREMIUM COMPACT S 450/30 W <sup>2)</sup> | 274                   | 450           | 30                        | 10               | 2.2                                | 2                   | 75                                    | 630 x 650 x 1030        |
| PREMIUM COMPACT 160/4 W                  | 86                    | 160           | 4                         | 20               | 1.1                                | 1                   | 71                                    | 610 x 350 x 570         |
| PREMIUM COMPACT 200/4 W                  | 113                   | 200           | 4                         | 10               | 1.1                                | 1                   | 72                                    | 610 x 350 x 570         |
| PREMIUM COMPACT 250/4 W                  | 144                   | 250           | 4                         | 10               | 1.25                               | 1                   | 72                                    | 610 x 350 x 570         |
| PREMIUM COMPACT 300/4 W                  | 166                   | 300           | 4                         | 10               | 1.5                                | 1                   | 74                                    | 610 x 350 x 570         |

<sup>1)</sup> Sound pressure level calculated from the measured average sound power level (Directive 2000/14/EC, sound measurement basic standard ISO 3744) as per EN ISO 11203 at distance d=1m, Q2 = Enveloping surface dimension dB.  
<sup>2)</sup> With stair wheel

Flow rate and performance data as per ISO 1217:2009, Annexe C

Tools and accessories

| Weight | Hose<br>connection | Power<br>supply<br>(50 Hz) |
|--------|--------------------|----------------------------|
| kg     | mm                 | Volts                      |
| 41     | 6                  | 230 V AC                   |
| 44     | 6                  | 230 V AC                   |
| 46     | 6                  | 230 V AC                   |
| 75     | 6                  | 230 V AC                   |
| 80     | 6                  | 230 V AC                   |
| 123    | 9                  | 400 V DC                   |
| 87     | 2 x G ¼            | 230 V AC                   |

| Nailers<br>Mid-sized | Airbag additional<br>capacity with/without<br>hose reel | Chipping hammer<br>approx. 350 l/min | Sandblaster<br>approx. 180 l/min |
|----------------------|---------------------------------------------------------|--------------------------------------|----------------------------------|
| Suitable             | Suitable                                                | Suitable for brief use               | Not applicable                   |
| Suitable             | Suitable                                                | Suitable for brief use               | Not applicable                   |
| Suitable             | Suitable                                                | Suitable for brief use               | Suitable                         |
| Suitable             | Suitable                                                | Suitable for brief use               | Suitable                         |
| Suitable             | Suitable                                                | Suitable for brief use               | Suitable                         |
| Suitable             | Suitable                                                | Suitable                             | Suitable                         |
| Not applicable       | Not applicable                                          | Not applicable                       | Not applicable                   |

| Weight | Hose<br>connection | Electrical<br>connection<br>(50 Hz) |
|--------|--------------------|-------------------------------------|
| kg     | mm                 | Volts                               |
| 31     | 6                  | 230 V AC                            |
| 40     | 6                  | 230 V AC                            |
| 67     | 9                  | 230 V AC                            |
| 68     | 9                  | 230 V AC                            |
| 73     | 9                  | 230 V AC                            |
| 76     | 9                  | 230 V AC                            |
| 33     | 6                  | 230 V AC                            |
| 33     | 6                  | 230 V AC                            |
| 33     | 6                  | 230 V AC                            |
| 35     | 6                  | 230 V AC                            |

| Nailers<br>Mid-sized | Airbag additional<br>capacity with/without<br>hose reel | Chipping hammer<br>approx. 350 l/min | Sandblaster<br>approx. 180 l/min |
|----------------------|---------------------------------------------------------|--------------------------------------|----------------------------------|
| Suitable             | Suitable                                                | Suitable for brief use               | Not applicable                   |
| Suitable             | Suitable                                                | Suitable for brief use               | Not applicable                   |
| Suitable             | Suitable                                                | Suitable                             | Suitable                         |
| Suitable             | Suitable                                                | Suitable                             | Suitable                         |
| Suitable             | Suitable                                                | Suitable                             | Suitable                         |
| Suitable             | Suitable                                                | Suitable                             | Suitable                         |
| Suitable             | Suitable                                                | Not applicable                       | Not applicable                   |
| Suitable             | Suitable                                                | Not applicable                       | Not applicable                   |
| Suitable             | Suitable                                                | Not applicable                       | Not applicable                   |
| Suitable             | Suitable                                                | Suitable for brief use               | Not applicable                   |

Technical specifications



| Model            | Flow rate<br>at 6 bar | Intake volume | Air<br>receiver<br>volume | Max.<br>pressure | Compressor<br>block<br>shaft power | No. of<br>cylinders | Sound pressure<br>level <sup>1)</sup> | Dimensions<br>W x D x H |
|------------------|-----------------------|---------------|---------------------------|------------------|------------------------------------|---------------------|---------------------------------------|-------------------------|
|                  | l/min                 | l/min         | l                         | bar              | kW                                 |                     | dB(A)                                 | mm                      |
| PREMIUM 200/24 W | 113                   | 200           | 24                        | 10               | 1.1                                | 1                   | 73                                    | 740 x 380 x 660         |
| PREMIUM 200/24 D | 113                   | 200           | 24                        | 10               | 1.1                                | 1                   | 73                                    | 740 x 380 x 660         |
| PREMIUM 250/24 W | 144                   | 250           | 24                        | 10               | 1.25                               | 1                   | 78                                    | 740 x 380 x 660         |
| PREMIUM 250/24 D | 144                   | 250           | 24                        | 10               | 1.25                               | 1                   | 78                                    | 740 x 380 x 660         |
| PREMIUM 250/40 W | 144                   | 250           | 40                        | 10               | 1.25                               | 1                   | 78                                    | 900 x 410 x 720         |
| PREMIUM 250/40 D | 144                   | 250           | 40                        | 10               | 1.25                               | 1                   | 78                                    | 900 x 410 x 720         |
| PREMIUM 300/40 D | 166                   | 300           | 40                        | 10               | 1.5                                | 1                   | 78                                    | 900 x 410 x 740         |
| PREMIUM 300/40 W | 166                   | 300           | 40                        | 10               | 1.5                                | 1                   | 78                                    | 900 x 410 x 740         |
| PREMIUM 350/40 W | 211                   | 350           | 40                        | 10               | 1.9                                | 1                   | 73                                    | 900 x 420 x 760         |
| PREMIUM 350/40 D | 211                   | 350           | 40                        | 10               | 1.9                                | 1                   | 73                                    | 900 x 420 x 760         |
| PREMIUM 350/90 D | 211                   | 350           | 90                        | 10               | 1.9                                | 1                   | 71                                    | 1180 x 460 x 870        |
| PREMIUM 350/90 W | 211                   | 350           | 90                        | 10               | 1.9                                | 1                   | 71                                    | 1180 x 460 x 870        |
| PREMIUM 450/40 W | 274                   | 450           | 40                        | 10               | 2.2                                | 2                   | 73                                    | 900 x 500 x 720         |
| PREMIUM 450/40 D | 274                   | 450           | 40                        | 10               | 2.2                                | 2                   | 73                                    | 900 x 500 x 720         |
| PREMIUM 450/90 W | 274                   | 450           | 90                        | 10               | 2.2                                | 2                   | 73                                    | 1190 x 500 x 860        |
| PREMIUM 450/90 D | 274                   | 450           | 90                        | 10               | 2.2                                | 2                   | 73                                    | 1190 x 500 x 860        |
| PREMIUM 660/90 D | 440                   | 660           | 90                        | 10               | 3.0                                | 2                   | 76                                    | 1240 x 570 x 970        |

<sup>1)</sup> Sound pressure level calculated from the measured average sound power level (Directive 2000/14/EC, sound measurement basic standard ISO 3744) as per EN ISO 11203 at distance d=1m, Q2 = Enveloping surface dimension dB.

Flow rate and performance data as per ISO 1217:2009, Annexe C

Tools and accessories

| Weight | Hose<br>connection | Power<br>supply<br>(50 Hz) |
|--------|--------------------|----------------------------|
| kg     | l/min              | Volts                      |
| 34     | 6                  | 230 V AC                   |
| 34     | 6                  | 400 V DC                   |
| 35     | 6                  | 230 V AC                   |
| 35     | 6                  | 400 V DC                   |
| 42     | 6                  | 230 V AC                   |
| 42     | 6                  | 400 V DC                   |
| 44     | 6                  | 230 V AC                   |
| 44     | 6                  | 400 V DC                   |
| 64     | 6                  | 230 V AC                   |
| 64     | 6                  | 400 V DC                   |
| 80     | 9                  | 230 V AC                   |
| 80     | 9                  | 400 V DC                   |
| 70     | 9                  | 230 V AC                   |
| 70     | 9                  | 400 V DC                   |
| 87     | 9                  | 230 V AC                   |
| 87     | 9                  | 400 V DC                   |
| 118    | 9                  | 400 V DC                   |

| Nailers<br>Mid-sized   | Airbag additional<br>capacity with/without<br>hose reel | Chipping hammer<br>approx. 350 l/min | Sandblaster<br>approx. 180 l/min |
|------------------------|---------------------------------------------------------|--------------------------------------|----------------------------------|
| Suitable for brief use | Not applicable                                          | Not applicable                       | Not applicable                   |
| Suitable for brief use | Not applicable                                          | Not applicable                       | Not applicable                   |
| Suitable               | Not applicable                                          | Not applicable                       | Suitable for brief use           |
| Suitable               | Not applicable                                          | Not applicable                       | Suitable for brief use           |
| Suitable               | Not applicable                                          | Not applicable                       | Suitable for brief use           |
| Suitable               | Not applicable                                          | Not applicable                       | Suitable for brief use           |
| Suitable               | Not applicable                                          | Not applicable                       | Suitable                         |
| Suitable               | Not applicable                                          | Not applicable                       | Suitable                         |
| Suitable               | Not applicable                                          | Not applicable                       | Suitable                         |
| Suitable               | Not applicable                                          | Suitable                             | Suitable                         |
| Suitable               | Suitable for brief use                                  | Suitable                             | Suitable                         |
| Suitable               | Suitable for brief use                                  | Suitable                             | Suitable                         |
| Suitable               | Suitable                                                | Suitable                             | Suitable                         |
| Suitable               | Suitable                                                | Suitable                             | Suitable                         |
| Suitable               | Suitable                                                | Suitable                             | Suitable                         |
| Suitable               | Suitable                                                | Suitable                             | Suitable                         |

**More compressed air for less energy**

# The world is our home

As one of the world's largest manufacturers of compressors, blowers and compressed air systems, KAESER KOMPRESSOREN is represented throughout the world by a comprehensive network of wholly owned subsidiaries and authorised distribution partners in over 140 countries.

By offering innovative, efficient and reliable products and services, KAESER KOMPRESSOREN's experienced consultants and engineers work in close partnership with customers to enhance their competitive edge and to develop progressive system concepts that continuously push the boundaries of performance and technology. Moreover, decades of knowledge and expertise from this industry-leading systems provider are made available to each and every customer via the KAESER group's advanced global IT network.

These advantages, coupled with KAESER's worldwide service organisation, ensure that every product operates at the peak of its performance at all times, providing optimal efficiency and maximum availability.



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