

Workshop Compressors CLASSIC Series

Displacement: 210 to 460 l/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 workshop 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 all compressors conform to legal requirements. All CLASSIC compressors are type approved.



High
quality cylinder



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 aid 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



CLASSIC 210/25 W
CLASSIC 270/25 W
CLASSIC 320/25 W

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

CLASSIC mini 210/10 W

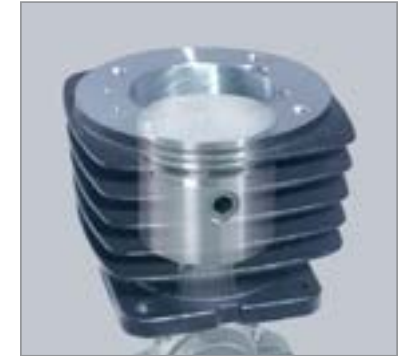
CLASSIC 320/90 W
CLASSIC 320/90 D
CLASSIC 460/90 W
CLASSIC 460/90 D



Before delivery, each compressor is subject 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 | Receiver volume l | Max. pressure bar | Motor power kW | No. of cylinders | Sound pressure level ²⁾ dB(A) | Dimensions W x D x H mm | Weight kg |
|--------------------------------------|-----------------------|---------------------------------------|----------------------|----------------------|-------------------|------------------|---|--------------------------------------|--------------|
| CLASSIC mini 210/10 W | 210 | 140 | 10 | 10 | 1.5 | 1 | 74 | 370 x 420 x 650 | 29 |
| CLASSIC 210/25 W CLASSIC 210/50 W | 210 | 140 | 25 50 | 10 | 1.5 | 1 | 75 77 | 310 x 610 x 670 400 x 820 x 750 | 31 39 |
| CLASSIC 270/25 W CLASSIC 270/50 W | 270 | 175 | 25 50 | 10 | 1.5 | 1 | 77 76 | 310 x 610 x 670 400 x 820 x 750 | 34 39 |
| CLASSIC 320/25 W CLASSIC 320/25 D | 320 | 205 | 25 | 10 | 1.5 | 1 | 77 | 310 x 610 x 690 310 x 610 x 690 | 34 34 |
| CLASSIC 320/50 W CLASSIC 320/50 D | 320 | 205 | 50 | 10 | 1.5 | 1 | 79 | 400 x 820 x 770 400 x 820 x 770 | 41 40 |
| CLASSIC 320/90 W CLASSIC 320/90 D | 320 | 205 | 90 | 10 | 1.5 | 1 | 79 | 440 x 1080 x 850 | 62 53 |
| CLASSIC 460/50 W CLASSIC 460/50 D | 460 | 320 | 50 | 10 | 2.2 | 1 | 76 | 410 x 820 x 860 410 x 820 x 850 | 64 59 |
| CLASSIC 460/90 W CLASSIC 460/90 D | 460 | 320 | 90 | 10 | 2.2 | 1 | 75 | 440 x 1170 x 920 440 x 1170 x 910 | 70 66 |

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 |
|-----------------------|--|
| 6 | 230 V AC |
| 6 | 230 V AC |
| 6 | 230 V AC |
| 6 | 230 V AC 400 V DC |
| 6 | 230 V AC 400 V DC |
| 6 | 230 V AC 400 V DC |
| 9 | 230 V AC 400 V DC |
| 9 | 230 V AC 400 V DC |

| Eco-Set Paint spray gun, spray gun, tyre inflator, blow gun and hose | Impact wrenches | Chipping hammer |
|--|-----------------|-----------------|
| ● | ○ | – |
| ● | ○ | – |
| ● | ○ | – |
| ● | ● | ○ |
| ● | ● | ○ |
| ● | ● | ○ |
| ● | ● | ● |
| ● | ● | ● |

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

CLASSIC – Workshop compressors

The exceptional quality of KAESER's products is achieved by using the very best materials and components. 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 guard
- 5 Pressure switch
- 6 Filter pressure regulator with quick-release coupling



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




High
quality cylinder

Tools and accessories

Paint spray guns

| | | |
|---|-------------------------------|--|
|  | Optima 601 100l/min | Container capacity 0.6l Nozzle set 1.2 mm |
|  | LM 2000/B 220l/min | Container capacity 0.5l 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, bicycle tyre and ball inflation set, 5 m PVC hose |
|---|----------------|--|


Blow guns, nozzles and extensions

| | | |
|---|-----------------------------|------------------------------------|
|  | Blow gun 160l/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 6x3mm, 5m, 16bar | DN 6x3mm, 10m, 16bar |
| | DN 6x3mm, 20m, 16bar | DN 6x3mm, 25m, 16bar |
| | DN 9x3mm, 10m, 10bar | DN 13x3.5mm, 10m, 10bar |


Hose bracket

| | | |
|---|-------------|-----------|
|  | 150 mm wide | Aluminium |
|---|-------------|-----------|


Spray gun

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


Cartridge guns

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


Sandblasting gun

| | | |
|---|----------|--|
|  | 180l/min | With 0.6 l container For 0.2 - 0.4 mm blasting abrasive |
|---|----------|--|

Tyre inflator with pressure gauge

| | | |
|--|-------------|--|
|  | 150 mm wide | Measurement range 0 - 10 bar, 6 mm male hose connector |
|--|-------------|--|

Bicycle tyre and ball inflation set

| | | |
|---|-------------|--|
|  | 3-piece set | With bicycle tyre adapter, ball adapter, inflating nozzle for air beds and rubber dinghies |
|---|-------------|--|

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.



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