KAESER COMPRESSORS®


# MOBILAIR Product Range

## without CE conformity

**Portable Compressors M 13 – M 500-2**
With the world-renowned SIGMA PROFILE®
Max. flow rate 45.8 m³/min (1600 cfm)

**www.kaeser.com**

# The “Made in Germany” quality stamp

For more than 100 years, the name of KAESER KOMPRESSOREN has been synonymous with innovative products and cost-efficient complete solutions. Established in 1919 by Carl Kaeser Senior as a machine workshop in the town of Coburg, the company has since flourished into a successful manufacturer of compressors and compressed air systems with a global presence. In its manufacturing processes, KAESER today relies on the production methods of tomorrow – the smart factory. This means that, in accordance with highly efficient Industrie 4.0 structures, the production of compressors, blowers, controllers and treatment components is both intelligent and fully networked, resulting in a production process that benefits from extreme precision, optimised productivity and reduced delivery times. KAESER is represented in more than 140 countries by a combination of subsidiaries and authorised distribution partners, whilst a constant and ongoing customer dialogue supports a continuous improvement process for all products and services. The result? Maximum levels of reliability and efficiency with minimal maintenance requirements.

# MOBILAIR – Portable compressors

## Incredibly versatile

MOBILAIR portable compressors from KAESER stand out for their incredible versatility. Whether mobile or stationary, powered by combustion engine or electric motor – these portable powerhouses can be specifically adapted for any application, thanks to their impressively broad operating range.

## Service-friendly and easy to access

Portable compressors are simple to operate and allow excellent accessibility to all maintenance-relevant components, making service work quick and efficient. Optional customised service contracts are also available.

## Tough performer

Kaeser’s company slogan goes for every single model in the export range: More compressed air for less energy. KAESER offers portable compressors optionally equipped with engines capable of running on diesel with a high sulphur content, as well as operation in extreme ambient temperatures, high humidity levels and installation altitudes up to 4500 m above sea level.

## Intuitive operation

Whether mechanically or electronically controlled, clear icons allow language-neutral navigation through the extensive menu options, making operation child’s play – even in the rapid-fire environment of a construction site.

## Reliability with superb residual value retention

MOBILAIR portable compressors are well equipped to face the gruelling continuous operation in harsh conditions required on many construction sites. They also perform reliably and safely in environments with tough climatic conditions. A durable polyethylene enclosure (availability dependent on model) makes MOBILAIR units especially rugged and ensures superb residual value retention.

## MOBILAIR units are also available for:

Market regions with specific requirements regarding exhaust emissions. MOBILAIR versions can be specified with diesel particulate filters and SCR systems for compliance with EU Stage V emissions standards or TIER 4 Final for the USA and Canada.
KAESER has always set a good example when it comes to protecting the environment – in 2012, they became the first European portable compressor manufacturer to offer exhaust gas after-treatment.



## Innovation, ex-works

The numerous different models of the MOBILAIR range of portable compressors are all manufactured at KAESER's headquarters in Coburg, Northern Bavaria. Equipped with the very latest technology, the recently modernised portable compressor plant boasts state-of-the-art equipment, including a TÜV-certified sound testing area for free-field sound level measurement, a complete powder-coating facility and efficient manufacturing logistics.

## SIGMA airends – More compressed air for less energy

At the heart of every MOBILAIR system lies a premium-quality rotary screw airend featuring KAESER's energy-saving SIGMA PROFILE rotors. Meticulous manufacturing and precision-aligned anti-friction bearings guarantee long service life and maximum reliability.

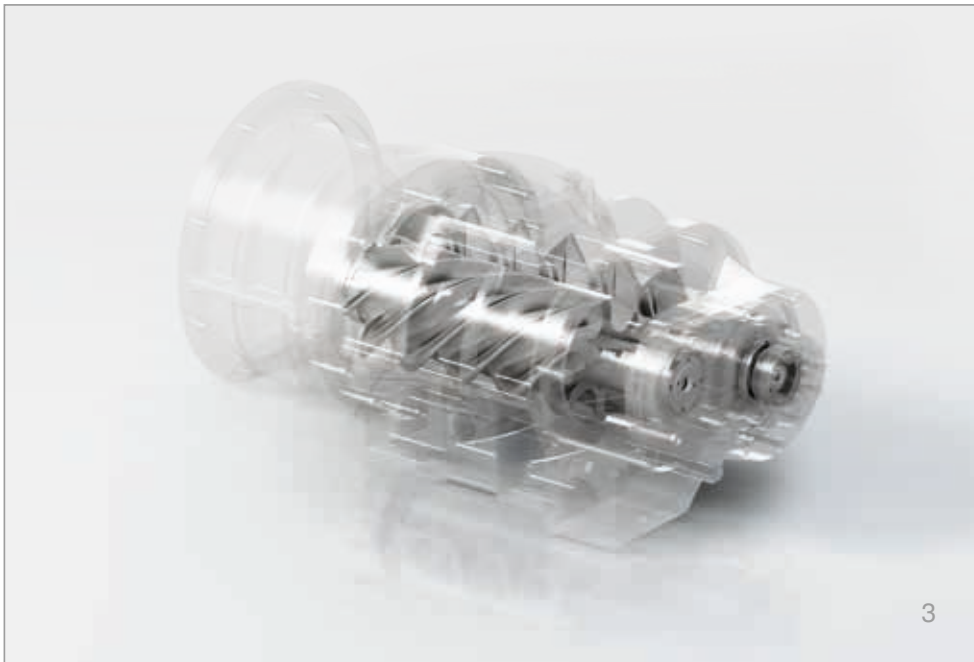
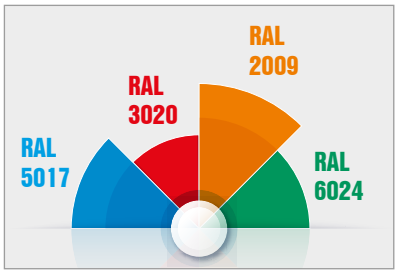



**Image:** MOBILAIR M 13

## Petrol engine with electric starter

Compact models are equipped with environmentally friendly Honda petrol engines, which meet EU Stage V emissions standards. A convenient start-up at the turn of a key guarantees the compressors are ready for immediate operation, whilst a 20-litre fuel tank ensures they can endure particularly long shifts.




## Special colours available on polyethylene enclosures

For PE enclosures, the following special colours are readily available: blue – equivalent to RAL 5017, red – equivalent to RAL 3020, orange – equivalent to RAL 2009 and green – equivalent to RAL 6024. Customised colours for the enclosure are available upon request.

## Optional frame

Compact machines can be operated in conjunction with an external condensate treatment system. The frame is delivered ready for connection, complete with an aftercooler and condensate separator for cool, condensate-free compressed air. A filter combination is also available for compressed air that is technically oil-free.

# Compact machines

## Small but versatile

Even the smallest MOBILAIR compressors are more than capable of powering pneumatic spades, breakers, drills, saws, screwdrivers, grinders, impact moles and sewer robots. The 15-bar version is the ideal choice when it comes to trenchless fibre-optic cable laying or leakage tests. Available options include an external aftercooler for delivering cool, condensate-free compressed air or a filter combination for technically oil-free compressed air.


**Image:** MOBILAIR M 13

## Technical specifications

| Model | Flow rate at gauge working pressure | | | | | | Engine type | Rated engine power | Fuel tank capacity | Operating weight | Compressed air connection | Compressed air treatment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 100 psi 7 bar | 145 psi 10 bar | 175 psi 12 bar | 190 psi 13 bar | 215 psi 15 bar | | kW | l | kg | | |
| M 13 | $m^3$/min | 1.2 | 1.0 | 0.9 | 0.85 | - | Honda GX 630 | 15.5 | 20 | 202 | 1 x G ½ | A / F |
| | cfm | 42 | 35 | 32 | 30 | | | | | | | |
| M 15 | $m^3$/min | 1.4 | - | - | - | - | Honda GX 630 | 15.5 | 20 | 202 | 1 x G ½ | A / F |
| | cfm | 50 | | | | | | | | | | |
| M 17 | $m^3$/min | 1.6 | - | - | - | 1.0 | Honda GX 630 | 15.5 | 20 | 204 | 1 x G ½ | A / F |
| | cfm | 57 | | | | 35 | | | | | | |

# Lightweight – under 750 kg

## Flexible transportation – without overrun brake

The unbraked, lightweight chassis is particularly flexible. On account of the fact that it weighs in at under 750 kg, no overrun brake is required. These portable compressors can simply be pulled into position manually on the construction site. M 27 and M 31 models can also be specified with an optional 6.5 kVA generator.


Image: M 50 PE


### Anti-Frost Control

Specially developed by KAESER for use on portable compressors, the patented Anti-Frost Control automatically adjusts operating temperature in relation to ambient. In combination with the optional tool lubricator, this feature prevents air tools from freezing up and therefore significantly extends their service life.


### PE enclosure

Made from roto-moulded polyethylene, this modern, double-walled sound enclosure ensures long-term residual value retention and is both corrosion and scratch-resistant.
In 2002, KAESER became the first compressed air systems manufacturer to offer portable compressors constructed from this robust material.

### Accessibility

In spite of the compact dimensions of these models, gull-wing doors or a wide-angle enclosure opening allow simple and convenient access to the intelligently laid-out interior for maximum ease of maintenance.


## Technical specifications

| Model | Flow rate at gauge working pressure | | | | | Engine type | Rated engine power | Fuel tank capacity | Operating weight | Compressed air connection | Compressed air treatment | Optional generator |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 100 psi 7 bar | 145 psi 10 bar | 175 psi 12 bar | 200 psi 14 bar | kW | kW | l | kg | | | |
| M 20 | m³/min | 2.0 | - | - | - | Kubota D722 | 14 | 30 | 457 | 2 x G ¾ | - | - |
| | cfm | 71 | | | | | | | | | | |
| M 27 | m³/min | 2.6 | 2.1 | 1.9 | 1.6 | Kubota D1105 | 17.9 | 40 | 575 | 2 x G ¾ | A / B / F / G | 6.5 kVA |
| | cfm | 92 | 74 | 67 | 57 | | | | | | | |
| M 31 | m³/min | 3.15 | 2.6 | 2.3 | 1.9 | Kubota D1105-T | 24.1 | 40 | 580 | 2 x G ¾ | A / B / F / G | 6.5 kVA |
| | cfm | 110 | 92 | 81 | 67 | | | | | | | |
| M 50 | m³/min | 5.0 | - | - | - | Kubota V1505-T | 32.5 | 80 | 735 | 2 x G ¾ 1 x G 1 | A | - |
| | cfm | 180 | | | | | | | | | | |


## Optional air treatment equipment

An aftercooler and a centrifugal separator ensure cool, condensate-free compressed air. In order to produce pure, dry compressed air to a defined quality class, additional air treatment components such as filters and heat recovery systems can also be specified.


## Generator option

When the optional 8.5 or 13 kVA generator is specified, M 100 models are transformed into mobile energy providers, capable of supplying compressed air and electricity simultaneously. The generator can be switched between continuous operation (e.g. for welding applications) and energy-saving automatic-start mode, as per requirements.


## M 57utility

The M 57utility can be set up on the loading bed of an HGV and requires only minimal space. This portable powerhouse is designed and optimised for permanent operation from a loading bed and offers excellent accessibility to the control panel, fuel tank and oil level gauge from the front side of the unit. The slender unit configuration ensures more $m^3$ of compressed air per $m^2$ of surface space.

# Exceptional power and versatility

## Durable all-rounders – with or without generator

The MOBILAIR portable compressors in this model series are exceptionally versatile. Optionally available with synchronous generators (M 100) and/or highly effective compressed air treatment components, they are also offered in a variety of maximum pressure variants, thereby ensuring that the perfect model is always available for every application.


**Image:** MOBILAIR M 70

## Technical specifications

| Model | Flow rate at gauge working pressure | | | | | | Engine type | Rated engine power | Fuel tank capacity | Operating weight | Compressed air connection | Compressed air treatment | Generator option |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 100 psi 7 bar | 125 psi 8.6 bar | 145 psi 10 bar | 175 psi 12 bar | 200 psi 14 bar | | kW | l | kg | | | |
| M 57 | m³/min | 5.6 | - | - | - | - | Kubota V2403 | 36 | 105 | 1020 | 2 x G ¾ 1 x G 1 | - | - |
| | cfm | 200 | | | | | | | | | | | |
| M 57utility | m³/min | 5.4 | - | 4.7 | - | - | Kubota V2403 | 36 | 105 | 1020 | 2 x G ¾ 1 x G 1 | A | - |
| | cfm | 190 | | 165 | | | | | | | | | |
| M 70 | m³/min | 7.0 | - | 5.4 | - | - | Kubota V2003-T | 43.3 | 105 | 1230 | 2 x G ¾ 1 x G 1 | A / B / F / G | - |
| | cfm | 250 | | 190 | | | | | | | | | |
| M 100 | m³/min | 10.6 | - | 8.5 | 7.2 | 6.4 | Kubota V3800-DI-T | 71.1 | 150 | 1480 | 3 x G ¾ 1 x G 1 ½ | A / B / F / G | 8.5 / 13 kVA |
| | cfm | 375 | | 300 | 255 | 225 | | | | | | | |
| M 122 | m³/min | 11.1 | 10.1 | 9.5 | 8.2 | 7.3 | Deutz TCD 2012 L04 | 83 | 170 | 1865 | 3 x G ¾ 1 x G 1 ½ | A / B / F / G | - |
| | cfm | 390 | 355 | 335 | 290 | 260 | | | | | | | |

# Efficient powerhouses

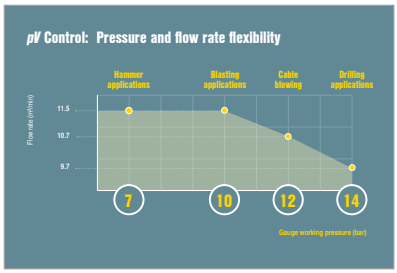
## Impressive efficiency thanks to innovative compressor control

The SIGMA CONTROL SMART and SIGMA CONTROL MOBIL compressor controllers are simple to operate and provide perfect coordination between the drive engine and compressor package, significantly enhancing fuel efficiency.


**Image:** MOBILAIR M 235

### Sigma Control Mobil

The Sigma Control Mobil controller provides exceptionally intuitive operation, since the system can be operated using just three buttons. Infinitely adjustable pressure settings can be made using the simple arrow keys and take effect immediately. Using state-of-the-art electronic engine management, this advanced compressor controller ensures optimum compressed air availability, fuel efficiency and reduction of exhaust gases.




### *pV* Control

Thanks to *pV* Control, maximum pressure (p) – adjustable in steps of 0.1 bar – directly influences the maximum possible flow rate (V), thereby providing even greater flexibility in terms of both pressure and flow rate. This feature is particularly beneficial when working with longer hose lines.


### MOBILAIR with Mercedes-Benz

The M 250 and M 350 are the largest oil-injected rotary screw compressors in the MOBILAIR family. Delivering flow rates up to 34 m³/min, the M 350 is the pinnacle of the range. This portable powerhouse impresses with its highest possible levels of efficiency and energy-saving, whilst operating at maximum performance and reliability. Special solutions for high-altitude installations are also available.


## Technical specifications

| Model | Flow rate at gauge working pressure | | | | | | Engine type | Rated engine power | Fuel tank capacity | Operating weight | Compressed air connection | Compressed air treatment | Generator option |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 100 psi 7 bar | 125 psi 8.6 bar | 145 psi 10 bar | 175 psi 12 bar | 200 psi 14 bar | | kW | l | kg | | | |
| M 123 | m³/min | - | 11.4 | 10.8 | 9.7 | 8.1 | Deutz TCD 2012 L04 | 88 | 170 | 1945 | 3 x G ¾<br>1 x G 1 ½ | A / B / F / G | - |
| | cfm | | 405 | 380 | 345 | 285 | | | | | | | |
| M 135 *pV* | m³/min | - | - | 130 | *pV* | 10.5 | Deutz TCD 2013 L04 | 122 | 200 | 2500 | 3 x G ¾<br>1 x G 2 | A / B / F / G | 23 kVA |
| | cfm | | | 460 | | 370 | | | | | | | |
| M 170 | m³/min | - | 17 | 15.5 | 13.5 | 11.5 | Deutz TCD 2012 L06 | 128 | 200 | 2600 | 3 x G ¾<br>1 x G 2 | A / B / F / G | - |
| | cfm | | 600 | 550 | 475 | 405 | | | | | | | |
| M 210 | m³/min | 21.2 | 19.7 | 18.0 | - | - | Caterpillar C 6.6 ACERT | 146 | 420 | 3220 | 1 x G ¾<br>2 x G 2 | A / F | - |
| | cfm | 750 | 700 | 640 | | | | | | | | | |
| M 235 | m³/min | - | 23.3 | 22.6 | 19.8 | 18.1 | Cummins QSB 6.7 | 201 | 420 | 3140 | 1 x G ¾<br>2 x G 2 | A / F | - |
| | cfm | | 825 | 800 | 700 | 640 | | | | | | | |
| M 250 | m³/min | - | 26.3 | 25.0 | 22.5 | 20.0 | Mercedes-Benz OM 926 LA | 210 | 250 | 3400 | 3 x G ¾<br>1 x G 2 | A / B / F / G | |
| | cfm | | 930 | 885 | 795 | 705 | | | | | | | |
| M 350 | m³/min | - | 34 | 31 | 27.3 | 24.0 | Mercedes-Benz OM 501 LA | 260 | 650 | 5910 | 1 x G 2 ½<br>2 x G 1 | A / F | |
| | cfm | | 1200 | 1095 | 965 | 850 | | | | | | | |


## Versatility in action

KAESER's e-power units are particularly flexible when it comes to their area of application. They are ideally suited as temporary replacement systems during maintenance work at industrial stations, as well as for use as rental units for a wide variety of applications.

## Compressed air treatment

An aftercooler and a centrifugal separator ensure cool, condensate-free compressed air. In order to produce pure, dry compressed air to a defined quality class, additional air treatment components such as filters and heat recovery systems can also be specified.

## DUAL Control

When a system is equipped with the optional DUAL control mode, the desired cut-in and cut-out pressure can be adjusted easily via the controller. Information about the prevailing network pressure is sent to the machine via a quick coupling, where it is processed by the controller.

# e-power

## The alternative drive system for portable compressors

Portable compressors from the MOBILAIR e-power series truly come into their own wherever there is an electrical power connection available. Their near-silent electric drive makes them the perfect choice for use in low emission and noise protection zones. The effects of noise from compressed air applications in tunnels or inside buildings are tamed by the compressors' emissions-free drive.


**Image:** MOBILAIR M 255 E

## Technical specifications

| Model | Flow rate at gauge working pressure | | | | | | | Electric motor (400V) | Rated motor power | CEE power socket | Operating weight | Compressed air connection | Optional compressed air treatment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 100 psi 7 bar | 145 psi 10 bar | 175 psi 12 bar | 190 psi 13 bar | 200 psi 14 bar | 215 psi 15 bar | | kW | A | kg | | |
| M 13 E | m³/min | 1.2 | 1.0 | 0.9 | 0.85 | - | 0.75 | Siemens | 7.5 | 32 | 187 | 1 x G ½ | A / F |
| | cfm | 42 | 35 | 32 | 30 | | 27 | | | | | | |
| M 27 E | m³/min | 2.6 | - | - | - | - | - | Siemens | 15 | 32 | 530 | 2 x G ¾ | A / B |
| | cfm | 92 | | | | | | | | | | | |
| M 31 E | m³/min | 3.15 | 2.6 | 2.3 | - | 1.9 | - | Siemens | 22 | 63 | 585 | 2 x G ¾ | A / B |
| | cfm | 110 | 92 | 81 | | 67 | | | | | | | |
| M 50 E | m³/min | 5.0 | 3.8 | - | - | - | - | Siemens | 25 | 63 | 690 | 2 x G ¾, 1 x G 1 | A |
| | cfm | 180 | 135 | | | | | | | | | | |
| M 250 E | m³/min | 25.0 | 20.4 | - | - | 16.2 | - | Siemens | 132 | - | 3150 - 3380 | DN80 | A / F |
| | cfm | 885 | 720 | | | 570 | | | | | | | |
| M 255 E | m³/min | - | 24.7 | 19.9 | - | - | - | Siemens | 160 | - | 3660 - 3685 | DN80 | A / F |
| | cfm | | 785 | 705 | | | | | | | | | |

# OILFREE.AIR

## Industrial dry-runners: Proven performers, even under extreme ambient conditions

The M 500-2 combines all the advantages of a two-stage, oil-free compression rotary screw compressor with those of a mobile unit for highest compressed air delivery volumes and levels of quality with unrivalled flexibility. Pressure is adjustable up to 10.3 bar. For industrial applications with high levels of air demand, the M 500-2 ensures a continuous supply of compressed air, even when maintenance or conversion work is required. Mounted on an auxiliary chassis or on skids, this compressed air behemoth can be transported easily, wherever it may be required.


**Image:** MOBILAIR M 500-2


### Continuous operation or standby

Thanks to its generously sized fuel tank, the M 500-2 can run throughout two consecutive shifts and, when connected to an external tank, can even be run in continuous operation. For use as a standby, the M 500-2 is equipped with battery trickle charging and heating for instantaneous full load operation – from 0 to 100 in record time.

### Suitable for use in refineries

The M 500-2 is equipped as standard with a certified spark arrester for refinery applications. The engine shut-off valve automatically shuts the machine down upon intake of combustible gases.

### Unbeatable as a team-player

As a true team-player, the M 500-2 is rarely operated alone. Equipped with a connection for an external start signal from a master controller, as a backup system it starts up immediately on demand, thereby ensuring exceptional reliability – particularly when it comes to sensitive production processes.


## Technical specifications

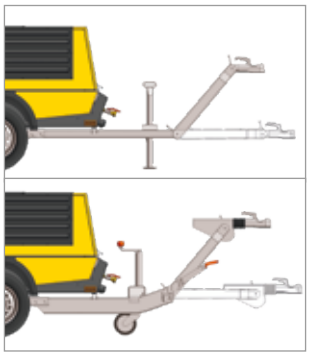
| Model | Flow rate at gauge working pressure | | | | Engine type | Rated engine power | Fuel / AdBlue tank capacity | Operating weight | Compressed air connection | Compressed air treatment |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 100 psi 7 bar | 125 psi 8.6 bar | 150 psi 10.3 bar | | kW | l | kg | | |
| M 500-2 | $m^3$/min | 45.8 | pV | 38.0 | Caterpillar C18 | 447.5 | 940 / 44.5 | 11800 | 1 x DN80 1 x G1 | A |
| | cfm | 1600 | | 1340 | | | | | | |

# MOBILAIR options

● Standard
○ Option

## Chassis

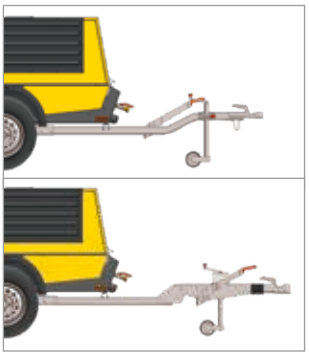
| | M 13 / M 15 / M 17 | M 20 | M 27 / M 31 | M 50 | M 57 | M 57 utility | M 70 | M 100 | M 122 | M 123 | M 135 / M 170 | M 210 / M 235 | M 250 | M 350 | M 13 E | M 27 E / M 31 E | M 50 E | M 250 E / M 255 E | M 500-2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hand-pulled | ● | – | – | – | – | – | – | – | – | – | – | – | – | – | ● | – | – | – | – |
| Unbraked | – | ● | ● | ● | – | – | – | ○ | ○ | ○ | – | ● | ○ | ○ | – | ● | ● | – | ● |
| Braked | – | ○ | ○ | ○ | ● | – | ● | ● | ● | ● | ● | – | ● | ● | – | ○ | ○ | – | – |
| Height-adjustable tow bar | – | ● | ● | ● | ● | – | ● | ● | ● | ● | ● | ● | ● | ● | – | ● | ● | – | ● |
| Fixed tow bar | – | ○ | ○ | ○ | ○ | – | ○ | ○ | ○ | ○ | ○ | – | ○ | – | – | ○ | ○ | – | – |
| Stationary version | ○ | ○ | ○ | ○ | ○ | – | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | – | – |
| Skids | – | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | – | ○ | ○ | ● | ○ |



Height-adjustable tow bar without overrun and parking brake



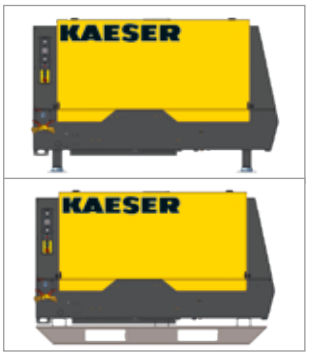
Height-adjustable tow bar with overrun and parking brake



Fixed tow bar without overrun brake, with parking brake



Fixed tow bar with overrun and parking brake




Stationary version

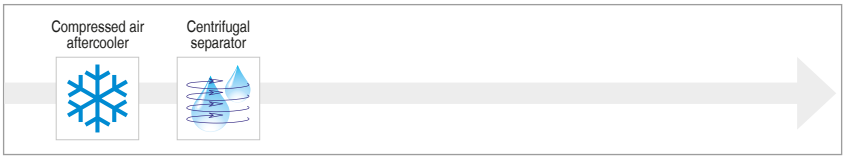



Skids

## Compressed air treatment

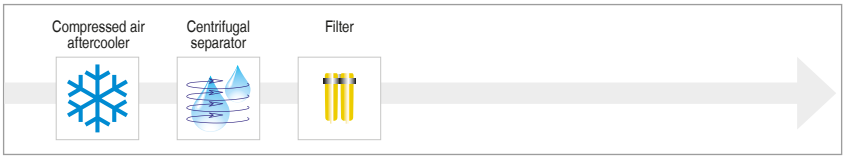
| | M 13 / M 15 / M 17 | M 20 | M 27 / M 31 | M 50 | M 57 | M 57 utility | M 70 | M 100 | M 122 | M 123 | M 135 / M 170 | M 210 / M 235 | M 250 | M 350 | M 13 E | M 27 E / M 31 E | M 50 E | M 250 E / M 255 E | M 500-2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anti-Frost Control | – | ● | ● | ● | ● | ● | ● | ● | – | – | – | – | – | – | – | ● | ● | – | – |
| Compressed air aftercooler | ○ | – | ○ | ○ | – | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● |
| Microfilter combination | ○ | – | ○ | – | – | – | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | – |
| Reheating | – | – | ○ | – | – | – | ○ | ○ | ○ | ○ | ○ | – | ○ | – | – | ○ | – | – | – |

**System A**
• Cool
• Condensate-free



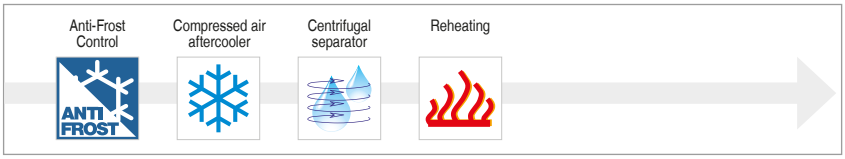

Cool, condensate-free compressed air (100 % saturated), **for compressed air tools and temporary replacement of stationary compressors**

**System F**
• Cool
• Condensate-free
• Filtered



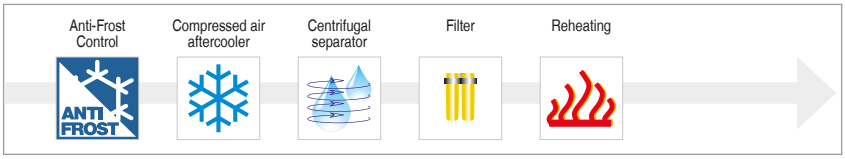

Cool, condensate-free compressed air (100 % saturated), **free from contaminant particles and technically oil-free in accordance with applicable regulations**

**System B**
• Warmed
• Dried




Dried compressed air, reheated to a min. of 20 °C, **for working at sub-zero temperatures and with longer compressed air lines**

**System G**
• Warmed
• Dried
• Filtered




Dried compressed air, reheated to a min. of 20 °C, **free from contaminant particles and technically oil-free in accordance with applicable regulations**

Additional compressed air treatment systems are available upon request. Please contact KAESER for further details.

# MOBILAIR options

● Standard
○ Option

## Generator

| | M13 / M15 / M17 | M20 | M27 / M31 | M50 | M57 | M57utility | M70 | M100 | M122 | M123 | M135 / M170 | M210 / M235 | M250 | M350 | M 13 E | M27 E / M31 E | M 50 E | M250 E / M255 E | M500-2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.5 kVA | – | – | ○ | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 8.5 kVA | – | – | – | – | – | – | – | ○ | – | – | – | – | – | – | – | – | – | – | – |
| 13 kVA | – | – | – | – | – | – | – | ○ | – | – | – | – | – | – | – | – | – | – | – |
| Generator panel cover | – | – | – | – | – | – | – | ○ | – | – | – | – | – | – | – | – | – | – | – |

## Equipment

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Special colour | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| PE enclosure | ● | ○ | ○ | ○ | – | – | – | – | – | – | – | – | – | – | ● | ○ | ○ | – | – |
| SIGMA CONTROL MOBIL | – | – | – | – | – | – | – | – | – | – | ● | – | ● | ● | – | – | – | – | ● |
| SIGMA CONTROL SMART | – | – | – | – | – | ● | – | – | – | ● | – | ● | – | – | – | ● | ● | ● | – |
| Control panel cover | – | – | – | – | ○ | ● | ○ | ○ | ○ | ● | ● | ● | ● | ● | – | ● | ● | ● | ● |
| Battery isolation switch | – | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ● | ● | ● | ● | – | – | – | – | ● |
| Tool lubricator | – | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | – | – | – | – | – | ○ | ○ | – | – |
| Check valve (Standard from 10 bar) | ○ | – | ○ | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Tool compartment | – | – | ○ | ● | ● | – | ● | ● | ● | ● | – | – | – | – | – | ● | ● | – | – |
| Hose reel | – | ○ | ○ | ○ | ○ | – | ○ | – | – | – | – | – | – | – | – | ○ | ○ | – | – |
| Document bag | – | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● | ● | – | ○ | ○ | ● | ● |
| Water separator for fuel | – | ○ | ○ | ○ | ○ | ● | ● | ● | ● | ● | ● | ● | ● | ● | – | – | – | – | ● |
| Spark arrester | – | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | – | – | – | – | ● |
| Engine shut-off valve | – | ○ | ○ | ○ | ○ | – | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | – | – | – | – | ● |
| Closed floor pan | – | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | – | ○ | ○ | – | ○ | ○ | ● | ● |
| Low-temperature version | – | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | – | ○ | ○ | ○ | ○ |

SIGMA CONTROL SMART

Hose reel

Generator

# Value add-ons for MOBILAIR

## Compressed air aftercooler

The compressed air is cooled to 7 °C above ambient temperature. Installed at an angle, the aftercooler allows accumulated condensate to drain away easily, whilst the hot exhaust gases from the engine serve to aid condensate evaporation.

## Microfilter combination

In order to produce compressed air to a defined quality class, additional treatment components can be specified in addition to the aftercooler and centrifugal separator, such as a filter combination for compressed air that is technically oil-free.

## Plate-type heat exchanger

A plate-type heat exchanger can be installed for reheating purposes. On models M 100 to M 170, the compressed air discharge temperature can be flexibly adjusted as per requirements.

## Hose reel

The hose reel holds 20 m of lightweight hosing, which does not require fully reeling out in order to operate. A proper housing increases the availability of the connected tool.

## Hose + hose lubricator

Recommended accessory for compressors without a tool lubricator, for applications where the compressor is equipped with an integrated tool lubricator but is located further than 20 m away from the tool, or for when there is a height difference between compressor and tool.

## Service

KAESER's global service organisation ensures a reliable compressed air supply with the aid of a swift, computer-aided despatch of spare parts. Optional customised maintenance contracts are also available.

## Genuine KAESER parts

Genuine KAESER parts are field-tested for exceptional reliability and durability, thereby guaranteeing the quality of all KAESER maintenance parts and spares. Compiled together into practical kits, the right parts are always at hand when needed, thus ensuring the continued availability of the compressor system.

## Finance

Cutting-edge technology – with no investment costs? Tailored financing plans are available.


## Warranty programme

KAESER AIR PROTECTION MOBIL allows you to extend your warranty – upon registration – for a further 2 years without any complicated contract negotiations (up to a maximum of 2,000 operating hours). And the best part is: During the warranty period, there are no additional costs besides standard maintenance costs.

# Air tools

## Breakers

### With hand grip

| Model | Impact rate<br>Strokes per min | Air consump-tion *)<br>m³/min | Chuck - shank | | Weight<br>kg | Impact force<br>Joules | Weighted sum acceleration value **)<br>m/s² | Specific power<br>W/kg |
|---|---|---|---|---|---|---|---|---|
| H 60 | 2142 | 0.4 | S19x50 | a) | 6 | 12 | 5.5 | 71.5 |
| H 95 | 1596 | 0.6 | S22x82.5 | b) | 9.6 | 34 | 7.4 | 94.1 |
| H 130 | 1452 | 0.6 | S22x82.5 | b) | 12 | 40 | 6.6 | 80.5 |

### With hand grip (vibration damped)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| H 110 V | 1596 | 0.8 | S22x82.5 | c | 11 | 34 | 5.2 | 82.1 |

Image: H 95

### With T-grip (vibration damped)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| AH 150 V | 1452 | 0.6 | S22x82.5 | d) | 17 | 40 | 6.3 | 57.2 |
| AH 180 V | 1070 | 0.6 | S26x108 | d) | 17.9 | 50 | 7.7 | 49.9 |
| AH 200 V | 1194 | 1.1 | S26x108 | d) | 20.8 | 50 | 6.5 | 47.8 |
| AH 240 V | 1356 | 1.1 | S28x152 | d) | 26.2 | 65 | 7.1 | 56.1 |
| AH 280 V | 1314 | 1.1 | S32x152 | d) | 28 | 77 | 6 | 60.3 |

*) at 6 bar, **) as per ISO28927-10

Image: AH 180 V

## Hammer drills

### With hand grip

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BH 8 | 3660 | 0.5 | S19x82.5 | a) | 8.6 | 8.5 | 15.4 | 53.3 |
| BH 8 | 3660 | 0.5 | S22x82.5 | a) | 8.6 | 8.5 | 15.4 | 53.3 |

### With T-grip

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BH 16 | 2440 | 1.6 | S22x108 | e) | 18.9 | 30 | 19.0 | 47.2 |
| BH 21 | 2740 | 2.1 | S22x108 | e) | 24.4 | 40 | 17.7 | 59.6 |

### With T-grip (vibration damped)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BH 16 V | 2440 | 1.6 | S22x108 | e) | 22.9 | 30 | 10.6 | 39.0 |

Image: BH 16 V

*) at 5 bar, **) as per ISO28927-10
a) Retaining cap, b) Retaining pin, c) Cross cap, d) Locking retaining cap, e) Retaining clip

## Chisels

Matching chisels are available separately: Pointed chisel, flat chisel, scaling chisel, spade chisel

## Drill bits

Matching drill bits are available separately: Monobloc bit, cone drill rod, core bit

## Tool lubricator

| Model | Weight<br>kg | Length<br>mm | Oil capacity<br>l | Max. working pressure<br>bar |
|---|---|---|---|---|
| SO 16 | 6 | 370 | 1.4 | 9 |

Image: incl. optional stand

# 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 branches, 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 peak performance at all times, whilst providing maximum availability.


LGA InterCert
Certified
QM/EM System
DIN EN ISO 9001:2015/
14001:2015

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