KAESER COMPRESSORS®

MOBILAIR® utility series

Stationary Portable Compressors
With the world-renowned SIGMA PROFILE
Flow rate 4.35 to 5.4 m³/min (155 – 190 cfm)

www.kaeser.com

M 57utility / M 58utility

In many cases, ready access to a permanent supply of quality compressed air is too important to warrant towing a compressor around, finding a place for it, connecting it, uncoupling it, setting it up and then finally putting it to use – only to have to repeat the process in reverse once the job has been completed.

This powerful and versatile duo from KAESER make things much simpler and quicker: both the M 57utility and M 58utility can be set up on the loading bed of a truck or lorry and require minimal space. This means that there is always enough room for material and tools; consequently the vehicle is transformed into a compact rapid-response unit, making it ideal for applications such as replacing the crash barriers on a motorway, since there is no need to close an entire section of the road. Whether installed on a loading bed or on a construction site, these compact units fit in perfectly wherever they are needed. Designed and optimised for permanent operation from a loading bed, these portable powerhouses offer excellent accessibility to the control panel, fuel tank and oil level gauge from the front side of the unit. Moreover, with additional options such as bolt-down machine feet, tool lubricators and compressed air aftercoolers, these machines can be perfectly adapted to the relevant work environment.

Fuel efficiency for greater endurance

Together with a large fuel tank, the powerful combination of an economical Kubota diesel engine (with or without particulate filter) and an efficient KAESER rotary screw airend equipped with SIGMA PROFILE rotors enables both of these units to operate continuously for up to ten hours.

M 57 or M 58? Utility is key!

Equipped as standard with a diesel particulate filter, the M 58utility fulfils the requirements of both the EU Stage V and US Tier 4 Final emissions standards, making it a welcome operator in low emission zones.

For market regions with lower-quality diesel and extreme ambient conditions, there is the M 57utility, which is delivered without exhaust gas after-treatment.

Excellent accessibility

Once the two cover panels have been removed, all maintenance points are easily accessible from the loading-bed side usual for right-hand traffic. All operating fluids can be changed easily via external drain taps, without needing to lift the unit.

Made in Germany

KAESER's renowned MOBILAIR range of portable compressors are manufactured in a state-of-the-art production facility at the company's headquarters in Coburg, Northern Bavaria. Equipped with the very latest technology, the advanced portable compressor plant boasts TÜV-certified sound testing facilities for free-field sound level measurement, an advanced powder-coating installation and highly efficient production logistics.

Simply smart

Featuring a push-button start, the SIGMA CONTROL SMART compressor controller allows changeover from unloaded start to load operation so as to ensure optimal cold-start performance. Furthermore, the desired maximum pressure can be reduced in steps of 0.1 bar down to 6 bar at the push of a button. Protected by a durable metal cover flap, the high-visibility colour display shows all key operating data, such as fuel tank fill level, and counts down the hours to the next scheduled maintenance.

Excellent accessibility, compact design

STAGE V

Details that count

A fixed lifting eye on top of the housing simplifies transportation, whilst the stainless steel exhaust pipe features a protective flap.

Easy refuelling

Refuelling is performed via the front face of the unit. The large, 105-litre fuel tank has sufficient capacity to ensure operation for longer than an entire day shift.

Clean fluid change

The drainage ports for engine oil, compressor fluid and engine coolant pass through the closed floor pan to the exterior of the unit. There is no need to lift up the machine to perform maintenance work.

Suitable for forklifts

Forklift pockets in the closed standard base frame ensure safe, dependable manoeuvrability via forklift truck. Bolt-down machine feet are also optionally available.

Available equipment

Optional compressed air aftercooler

The compressed air aftercooler cools the compressed air down to 7 °C above ambient. Because the aftercooler is installed at an angle, any accumulating condensate is reliably drained away. This environmentally friendly design prevents problems caused by freezing in winter, whilst the condensate is evaporated using the hot exhaust gases from the engine.

Anti-Frost Control as standard

When operating without the optional compressed air aftercooler, the 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.

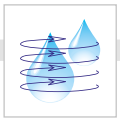
Low-temperature version

The M 57utility and M 58utility are designed as standard to operate in ambient temperatures between -10 °C and +50 °C. A low-temperature version with engine coolant preheating for extreme cold starts is available for use in temperatures below -10 °C.

Bolt-down machine feet

Units can be equipped with bolt-down machine feet to ensure secure installation on the truck loading bed.

Compressed air treatment system variants

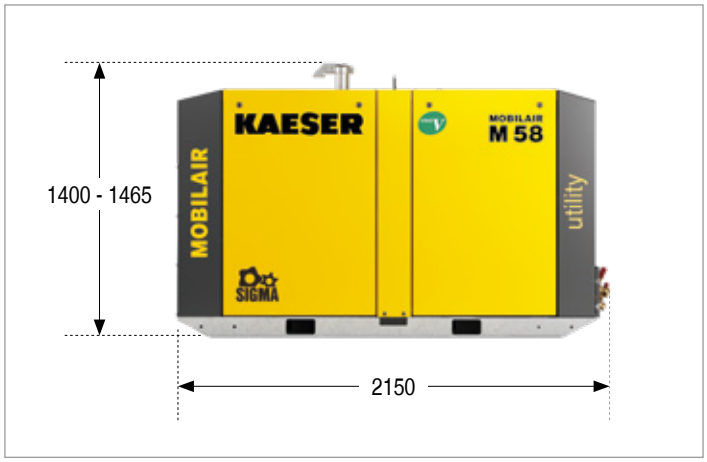
Anti-Frost Control	Anti-Frost-Control	Automatically adjusts operating temperature in relation to ambient **to prevent air tools from freezing up**
System A **- Cool** **- Condensate free**	Compressed air aftercooler Condensate separator 	Cool, condensate-free compressed air (100% saturated), **for air tools and temporary replacement of stationary compressors**

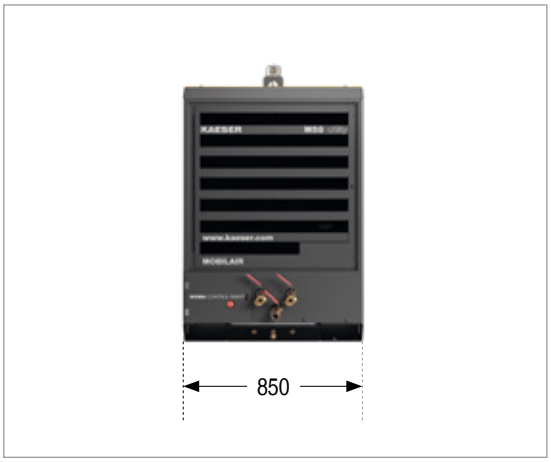
Technical specifications

Model	Compressor				4-cylinder diesel engine (water-cooled)				Complete system				
	Flow rate		Working pressure		Make	Model	Rated engine power	Speed at full load	Fuel tank capacity	Operating weight	Sound power level	Sound pressure level	Com-pressed air outlet
	m³/min	cfm	bar	PSI			kW	rpm	l	kg [1]	dB(A) [2]	dB(A) [3]	
M 57utility	5.4	190	7	100	Kubota	V2403	36	2600	105	980	Export		2 x G¾ 1 x G1
	4.7	165	10	145									
STAGE V M 58utility	5.1	180	7	100	Kubota	V2403-CR with DPF	36	2450	105	1020	≤ 98	68	2 x G¾ 1 x G1
	4.35	155	10	145									

1) Basic weight without options
2) Guaranteed sound power level as per 2000/14/EC
3) Measured surface sound pressure level as per ISO 3744 (r: 10m)

Dimensions





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.

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018
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