



MOBILAIR® M 57

Portable Compressors

With the world-renowned SIGMA PROFILE ⚙️

Flow rate 5.6 m³/min (200 cfm)

MOBILAIR® M 57

The perfect energy-saving combination: Kubota engine and KAESER airend

The cornerstone of the M 57's exceptional performance is a low-speed, energy-saving rotary screw airend from KAESER featuring SIGMA PROFILE rotors, which is coupled to a water-cooled, 4-cylinder Kubota diesel engine via 1:1 direct drive – reliably eliminating the transmission losses associated with other types of drive system.

Maximum versatility

The MOBILAIR M 57 is the ideal choice for powering equipment such as air hammers and impact moles, as well as being perfectly suited to blasting applications. Durable construction and premium-quality components ensure trouble-free operation in ambient temperatures ranging from -10 °C to +50 °C. A low-temperature version is also available for use in colder conditions. Versatility is further enhanced by the chassis, which can be equipped with a fixed or height-adjustable tow bar. Stationary versions can be mounted either on skids or machine feet.

Hose reel option

The factory-installed hose reel holds 20 m of lightweight hose, which does not require fully reeling out in order to operate. Properly storing the hose in this manner serves to extend its availability and service life, whilst also protecting it from damage (kinking, stretching, being run over) and soiling.

Tool lubricator option

If required, the M 57 is also available with a tool lubricator for compressed air tools.

Closed floor pan option

The closed floor pan immediately catches all liquids, thereby preventing potential soil contamination in environmentally sensitive zones. All drainage openings are sealed with screw plugs.

Suitable for use in refineries

The M 57 is optionally available with a certified spark arrestor for refinery applications. The engine shut-off valve automatically shuts the machine down upon intake of combustible gases.



Anti-Frost Control as standard

The Anti-Frost Control for portable compressors precisely adjusts operating temperature in relation to ambient. In combination with the optional tool lubricator, this feature prevents air tools from freezing up, thereby significantly extending their service life.



Large-capacity, transparent fuel tank

When full, the fuel tank carries sufficient fuel for an entire work shift without need of refuelling. Bleeding the diesel lines is made simple thanks to the fuel feed pump (start switch).

User-friendly design



Easy to operate

Reliable, gentle starts are guaranteed, even in cold temperatures, thanks to manual changeover from unloaded start to load operation and a starter switch that features a preheating function. A pressure gauge and airtend discharge temperature display enable operating status to be viewed at a glance.



Service-friendly and easy to access

All maintenance points are easily accessible via the large wing doors, making service work quick and efficient. Optional customised service contracts are also available.

Technical specifications


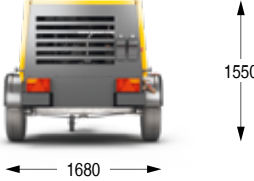

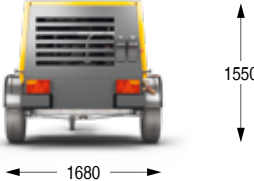
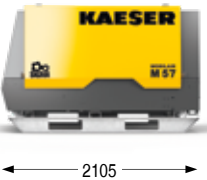
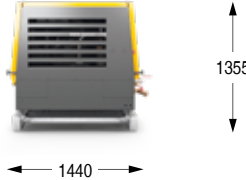

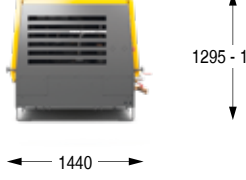
Model	Compressor				4-cylinder diesel engine (water-cooled)				Complete system				
	Flow rate		Working pressure		Make	Model	Rated engine power	Speed at full load	Fuel tank capacity	Operating weight	Sound power level ¹⁾	Sound pressure level ²⁾	Compressed air connection
	m ³ /min	cfm	bar	PSI									
M57	5.6	200	7	100	Kubota	V2403	36	2600	105	1225	≤ 98	68	2 x G ^{3/4} 1 x G1

For EU version incl. sound insulation:

¹⁾ Guaranteed sound power level as per Directive 2000/14/EC

²⁾ Measuring surface sound pressure level as per ISO 3744 (r=10m)

Dimensions

Version: Height-adjustable tow bar	 <p>3940 - 4200</p>	 <p>1680</p> <p>1550</p>
Version: Fixed tow bar	 <p>3765 - 3820</p>	 <p>1680</p> <p>1550</p>
Version: Skid-mounted	 <p>2105</p>	 <p>1440</p> <p>1355</p>
Version: Stationary	 <p>2105</p>	 <p>1440</p> <p>1295 - 1360</p>



KAESER KOMPRESSOREN SE

P.O. Box 2143 – 96410 Coburg – GERMANY – Tel +49 9561 640-0 – Fax +49 9561 640-130

E-mail: productinfo@kaeser.com – www.kaeser.com