



MOBILAIR® M57

Portable Compressor

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

Equipped with world-renowned SIGMA PROFILE rotors and directly driven by a water-cooled four-cylinder Kubota diesel engine, the low-speed KAESER rotary screw airend plays a key role in assuring the exceptional performance of M 57 portable compressors. Direct drive eliminates the transmission losses associated with other systems, consequently providing more air with less fuel consumption.

Maximum versatility

The MOBILAIR M 57 is the ideal choice for powering equipment such as breakers and impact borers and is also perfectly suited to blasting applications. Meticulous 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 ambient temperatures. Versatility is further enhanced by the chassis, as it can be equipped with a fixed or height adjustable tow bar. Stationary versions can be installed either on skids or machine mounts.

Hose reel option

The pre-installed hose reel holds 20 m of lightweight hose which does not have to be fully reeled out for operation. Proper storage augments the availability and service life of the hose, whilst also protecting it from damage (kinking, stretching, being run over) and soiling.



Anti-Frost Control as standard

Specially developed for 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 significantly extends service life.

Tool lubricator option

According to application, the M 57 is also available with a tool lubricator for compressed air tools.

Closed floor pan option

The closed floor pan immediately catches liquids and consequently prevents soil contamination in environmentally sensitive zones. All drainage openings are sealed with screw plugs.

Refinery equipment option

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



Large capacity, transparent fuel tank

When fully filled, the fuel tank carries sufficient fuel for an entire work shift without the need for refuelling. Diesel line deaeration is made simple via the fuel feed pump (Start switch).

User-friendly design



Easy to operate

Reliable, gentle starts are guaranteed, even in cold temperatures, thanks to manual switch-over from pressure-free start-up to load operation and a start switch that features a pre-warming function. A pressure gauge and airend temperature display enable all information to be viewed at a glance.



Excellent accessibility, optimum serviceability

Thanks to intelligent component layout, all maintenance points are easily accessible via the large gull-wing doors, which makes service work fast and efficient. Optional custom service contracts are also available.

Technical specifications



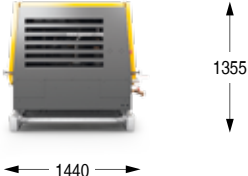
Model	Compressor				4-cylinder diesel engine (water-cooled)				Complete system				
	Flow rate		Operating pressure		Make	Type	Engine rated power	Speed at full load	Fuel tank capacity	Operational weight	Sound power level ¹⁾	Sound pressure level ²⁾	Compressed air outlet
	m ³ /min	cfm	bar	PSI									
M57	5.6	200	7	100	Kubota	V2403	36	2600	105	1225	≤98	68	2 x G $\frac{3}{4}$ 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 ISO3744 (r=10m)

Dimensions

Version: Height adjustable	 3940 - 4200	 1680 1550
Version: Fixed	 3765 - 3820	 1680 1550
Version: Skid-mounted	 2105	 1440 1355
Version: Stationary	 2105	 1440 1295 - 1360



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