

KAESER M500-2, 1600CFM OIL FREE, DRY RUNNING, DIESEL RUNNING PORTABLE ROTARY SCREW COMPRESSOR

THE KING OF PORTABLE OIL FREE COMPRESSORS

Expertly engineered for maximum versatility and fuel efficiency, the innovative KAESER M 500-2 is always ready where it's needed, when it's needed. It delivers a dependable supply of quality compressed air to provide seamless operation when maintenance or restructuring work is necessary. Additional fields of application include, for example, the automotive, food, chemical and pharmaceutical industries. The integrated SIGMA CONTROL Mobile matches maximum engine speed according to required air delivery and pressure (between 4 and 10.3 bar). The compressed air discharge temperature can be pre-selected. The machine is built on an auxiliary chassis with parking brake for moving and for safe parking.

FEATURES & BENEFITS

- Simple operation with SIGMA CONTROL Mobile
- Pressure adjustment with engine speed regulation
- Adjustable discharge temperature
- Compressed air aftercooler (10K) with cyclone separator
- Spark arrestor and engine closing valve
- Closed floor pan
- Switchable from internal to external fuel supply
- Crane and rigging eyes, plus forklift pockets for safe transport
- Low emissions



FAD at nominal pressure	Engine	
6.9 bar (100 PSI): 45.8 m³/min (4.0 - 6.9 bar)	Engine: Caterpillar C18	Fuel tank capacity: 1150 litres
8.6 bar (125 PSI): 44.0 m³/min	Normal power: 429 kW	Fuel consumption at full load: 81 l/h
9.3 bar (135 PSI): 43.3 m³/min	Full load speed: 1900 rpm	Theoretical operation time: 14.2 hours
9.5 bar: 42.5 m³/min	Idling speed: 1250 rpm	Dimensions without towbar (LxWxH): 6006 x 2270 x 2772 mm
10.3 bar (150 PSI): 38.0 m³/min	Exhaust emission stage: IIIA	Operational weight: 11,200 kg



1800 247 769

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