

Portable Compressors

M500-2



Ready where it's needed, when it's needed

The two-stage, oil-free M500-2 is an ultra-reliable source of rental air for site work. It is also a perfect fit for backup air for manufacturing and process applications during plant maintenance periods, or to provide temporary auxiliary air during peak production periods.

Powered by the dependable 600 hp Caterpillar C18 diesel engine, the M500-2 is engineered for fuel efficiency and ease of operation. With a full load fuel consumption of 21 gal/hr and a 248 gallon fuel tank, M500-2 delivers up to 1600 cfm continuously for up to 12

hours. Run time can be extended using the external fuel connection (standard).

The Sigma Control Mobil™ matches air flow to meet varying air demand while maintaining steady pressure. With standard Proemion telematics, Kaeser fleet management is at your fingertips. Operating status and maintenance reminders are all available via laptop, smartphone, or tablet to avoid unscheduled downtime. M500-2 can be started remotely and the geofencing feature can prevent unauthorized use.

Features:

- Pressures from 58 to 150 psig
- Caterpillar C18 diesel engine
- Stage IV, Tier 4 Final exhaust emissions
- Sigma Control Mobil™
- Proemion telematics with GPS/GSM-modem for Mobilair fleet management
- Up to 12 hours operation on one tank of fuel
- Switchable fuel supply
- Aftercooler with moisture separator
- Adjustable discharge temperature

Technical Specifications

COMPRESSOR						DIESEL ENGINE				PACKAGE				DIMENSIONS
Model	Free Air Delivery					Make	Power @ Full Load (hp)	Full Load Speed (rpm)	Off Load Running Speed (rpm)	Fuel Tank Capacity (gal)	AdBlue Capacity (gal)	Weight (lb.)	Outlets	L* x W x H (in.)
	100 psig (cfm)	125 psig (cfm)	135 psig (cfm)	140 psig (cfm)	150 psig (cfm)									
M500-2	1600	1550	1530	1500	1340	Caterpillar C 18	600	1900	1250	248	12	26,235	1 x 3" Flg 1 x 1" NPT	237 x 90 x 110

*Length without tow bar
Sound level maximum is 76 db(A) at 23 feet

Specifications are subject to change without notice.

Standard Features M 500-2

Controls

- Status and maintenance condition monitoring
- Selectable pressure from: 58 to 150 psig
- Adjustable air discharge temperature up to 149°F
- GPS/GSM-modem
- Remote start via radio remote controller
- Switchable from partial load to dual control
- Automatic start-stop mode

Maintenance

- MOBILAIR fleet management
- Central fluid draining ports

- LED-illuminated machine interior
- Exhaust treatment: DPF/SCR +
- Connection to external AdBlue tank
- Additional 10.5 gallon engine oil reserve
- Roof top service access

Operation

- Compressed air aftercooler (18°F Δ T nominal)
- Centrifugal moisture separator
- Switchable to external fuel supply for extended operation
- 120V battery charger
- Heaters for engine cooling agent, compressor gear oil, hydraulic oil (120V external)

- Heater for condensate drain and fuel filter (24V on-board)

Transport and Safety

- Pivoting front axle and tow bar
- Lifting eyes (double-strap lifting)
- Fork lift pockets
- Parking brake
- Spark arrestor and engine shut off valve
- Closed floor pan for complete fluid containment

Warranty

- Standard two year warranty
- Optional five year airend warranty



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