

## Portable Compressors

# MOBILAIR® M81



### Versatile

The MOBILAIR® M81 portable rotary screw compressor delivers 295 cfm at 100 psig and is designed for heavy-duty civil and commercial construction, demolition, sand blasting, and other site work applications as well as portable backup for stationary units.

### User-friendly

The M81 offers a wide array of features that make it very user-friendly. Units come standard with a SIGMA CONTROL® SMART electronic controller with protective metal cover. Another important feature is the large 34 gallon fuel tank that provides extended operation - up to 11 full hours! The lifting eye and height adjustable hitch with rigid tow bar

also make transporting the M81 easy. The enclosure is super-soundproofed and provides extremely low decibel levels. Maximum sound level measured at 23 feet is 76 db(A).

### Efficient and Reliable

A heavy-duty 4-cylinder engine direct coupled to our energy saving SIGMA PROFILE airend produces more air with less horsepower. A high capacity cold start battery ensures reliable operation even under extreme conditions.

The M81's rugged steel cabinet is powder-coated and built to take the harshest conditions while protecting the machine from dirt, water, and other contaminants.

The engine and compressor have separate

### Standard Features:

- SIGMA PROFILE® rotary screw airend produces more air with less horsepower
- Heavy-duty 4-cylinder Hatz diesel engine meets Tier 4 Final EPA emissions standards
- SIGMA CONTROL SMART electronic controller
- Large fuel tank for up to 11 hours of continuous operation
- Powder-coated steel cabinet
- High capacity cold start battery ensures reliable operation
- Anti-frost valve

### Optional Features:

- Aftercooler package
- Pressures up to 200 psig
- Skid mount

### Optional 5 year warranty

*To protect your investment, all of our MOBILAIR compressors are available with an optional 5 year warranty on the compressor airend.*

inlet filters with maintenance indicators. This protection, combined with a high efficiency cooling system, allows the unit to operate in ambient temperatures up to 113°F.

# Technical Specifications

COMPRESSOR				DIESEL ENGINE				PACKAGE			DIMENSIONS
Model	Free Air Delivery (cfm)			Make	Power @ Full Load (hp)	Full Load Speed (rpm)	Off Load Running Speed (rpm)	Fuel Tank Capacity (gal)	Weight (lb.)	Outlets (in.)	L' x W x H (in.)
	100 psig	145 psig	200 psig								
M81	295	230	190	Hatz 4H50TICD Tier 4 Final	65	2600	1800	34	3968	3 x ¾ 1 x 1½	152 5/16 x 67 9/16 x 61 1/8

\*Length includes tow bar

Sound level maximum is 76 db(A) at 23 feet

Specifications subject to change without notice.

## Outstanding Advantages

- ✓ Tier 4 Final Hatz diesel engine
- ✓ Energy saving SIGMA PROFILE airend
- ✓ Easy to operate SIGMA CONTROL SMART electronic controller
- ✓ Extra large capacity fuel tank provides up to 11 full hours of operation
- ✓ Three ¾" Chicago style fittings and one 1-1/2" NPT connection port
- ✓ Separate 4 micron air inlet filters protect compressor and engine
- ✓ Easy access with gullwing doors
- ✓ Standard heavy duty bumpers and lighting kit
- ✓ Rigid tow bar with height adjustable hitch
- ✓ Optional aftercooler package



**Kaeser Compressors, Inc.**  
511 Sigma Drive  
Fredericksburg, VA 22408 USA  
Telephone: 540-898-5500  
Toll Free: 800-777-7873  
info.usa@kaeser.com

**Kaeser Compressors Canada Inc.**  
3760 La Vérendrye Street  
Boisbriand, QC J7H 1R5 CANADA  
Telephone: (450) 971-1414  
Toll free: (800) 477-1416  
info.canada@kaeser.com

**Kaeser Compresores de México S de RL de CV**  
Calle 2 #123  
Parque Industrial Jurídica  
76100 Querétaro, Qro.  
Telephone: 01 (442) 218 64 48  
sales.mexico@kaeser.com

**Kaeser Compresores de Guatemala y Cia. Ltda.**  
3a calle 6-51, zona 13  
Colonia Pamplona  
01013-Guatemala City  
Telephone: +502 2412-6000  
info.guatemala@kaeser.com