


Portable Compressors MOBILAIR M34 E / M46 E

With the world-renowned SIGMA PROFILE 

Air deliveries 3.4 / 4.6 m³/min, Pressure 7 bar



MOBILAIR M34 E / M46 E

Portable rotary screw compressors with SIGMA PROFILE  airends

Compact, fully automatic, single-stage compressors featuring KAESER's renowned SIGMA PROFILE airends. The airend in each unit is directly connected to the electric motor via a flexible coupling to ensure exceptional performance.

Compressor unit

- Rotary screw compressor airend, 1:1 direct drive and energy-saving SIGMA PROFILE rotors
- Silenced air intake filter with standard element for multiple use
- Blow-off valve on the separator tank

Design and construction

- Soundproofed body with stiffened floor-pan
- Long-term corrosion resistance and value retention through zinc priming and quality surface coating
- Lift-up body work enables excellent component and maintenance accessibility
- Airend and motor fitted with anti-vibration mounts

Cooling and lubrication

- Closed unit combination valve with thermostatic valve, bypass and micro-filter with standard cartridge
- The thermostatic valve ensures optimal operating temperature is reached as quickly as possible. This enhances both compressor fluid and separator element service life
- Combined fluid reservoir and separator with multi-stage separator cartridge for minimal remaining fluid content of no more than 2-4 mg per m³ of compressed air

Control

- Demand-optimised, infinitely adjustable air delivery via precision regulation of the air inlet valve
- Automatic venting after machine shutdown

Instrument panel

- Starter switch protected from moisture and can be operated from under the cover
- Operating hours counter
- Outlet pressure gauge
- Remote temperature gauge for airend discharge temperature
- Group alarm indicator

Safety system

- Alarms leading to immediate system shutdown and visual display on the Kaeser Control:
 - Triggering of motor overload
 - Incorrect motor rotation
 - Over-/under-voltage
 - Maximum airend discharge temperature exceeded
- EMERGENCY STOP button
- Phase changeover switch for quick and easy rotary field switching
- Visual monitoring functions:
 - Inlet filter contamination

Power supply

- 63 A, 400 V/50 Hz, 5-pin plug

Transportation

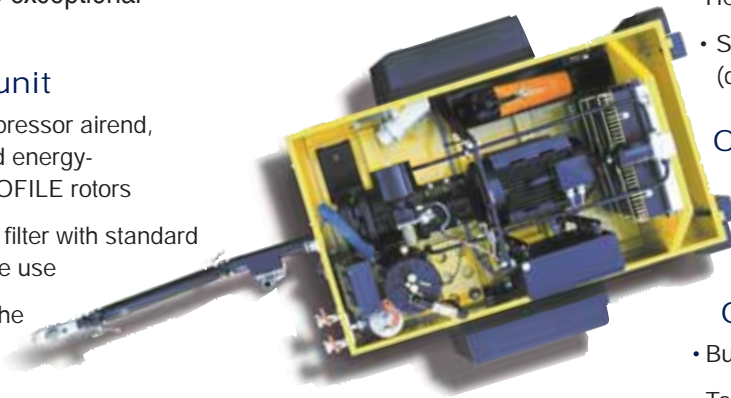
- Lifting eye for easy loading and unloading
- Height-adjustable tow bar
- Suitable for towing up to 100 km/h (depending on model)

Operating conditions

- Suitable for altitudes up to 1000 m (a.m.s.l.) and ambient temperatures up to 40 °C

Optional accessories

- Built in hose reel with 20m PVC hose
- Tool lubricator
- Compressed air treatment variant (A1) available
- Braked chassis



Compressor unit		M 34 E	M 46 E
FAD	m ³ /min	3.4	4.6
Working pressure	bar	7	7
Motor		Electric	Electric
Make		ATB	Siemens
Model		A160L/21	1LA9183-2
Rated motor power	kW	22	30
Speed at full load	rpm	3000	3000
Idling speed	rpm	3000	3000
Complete unit			
Operational weight	kg	650	720
Sound power level *	dB(A)	≤ 98	≤ 98
Sound pressure level **dB(A)		64	64
Air outlet		2 x G ¾	2 x G ¾
			1 x G1
Fusing		50 A	63 A



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