

KAESER
COMPRESSORS®

KERR | Compressor
Engineers
Compressors • Vacuum Pumps • Blowers



MOBILAIR® M20

Portable Compressors

With the world-renowned SIGMA PROFILE®

Flow rate 2.0 m³/min (71 cfm)

www.kerrcompressors.co.uk

MOBILAIR® M 20

The perfect energy-saving combination: Kubota engine and KAESER airend

The cornerstone of the M 20's exceptional performance is a low-speed, energy-saving rotary screw airend from KAESER, featuring SIGMA PROFILE rotors and powered by a directly-coupled, water-cooled, three-cylinder Kubota diesel engine – with no transmission loss.

Maximum versatility

The MOBILAIR M 20 is the ideal choice for powering equipment such as pneumatic breakers and impact moles. Durable construction and premium-quality components ensure trouble-free operation in ambient temperatures ranging from -10 °C to +45 °C. A low-temperature version is also available for use in colder conditions. Versatility is further enhanced by the chassis, which can be equipped with a fixed or height-adjustable tow bar, with or without an overrun brake. Stationary versions feature a metal enclosure and can be mounted either on skids or machine feet.

Lightweight

Powerful does not automatically mean heavy: with a low operating weight of less than 460kg, the M 20 is exceptionally easy to manoeuvre and transport. Moreover, its 30-litre fuel tank ensures more than enough diesel to last an entire work shift.

Made in Germany

MOBILAIR portable compressors are manufactured at KAESER's headquarters in Coburg, Northern Bavaria. Equipped with the very latest technology, the recently modernised portable compressor plant boasts state-of-the-art equipment, including a sound testing area certified by the TÜV for free-field sound level measurement, a complete powder-coating facility and highly efficient manufacturing logistics.

Separate air filters for engine and compressor

The air filters are precisely matched to the specific air demand, so as to ensure dependable operation. A further important design detail is the electric fuel pump, fitted as standard, which enables simple and convenient venting of the diesel lines, thereby eliminating the need for labour-intensive manual pumping.



Simple to operate

Operation is made simple via user-friendly icons and a single start switch with pre-heat function. The unit also features fully automatic monitoring and shutdown in case of malfunction, whilst a pressure gauge and airend temperature display enable all operating status information to be viewed at a glance.

Lightweight – Quiet – Powerful





Wide range of variants available



PE enclosure

Made from roto-moulded polyethylene, this modern, double-walled sound enclosure ensures long-term residual value retention and is both corrosion and scratch-resistant.



Metal enclosure

The all-steel, soundproof enclosure ensures long-term corrosion protection and value retention thanks to high-quality zinc priming and tough powder coating. Stationary units are always equipped with a metal enclosure.



Alternative colours

The following special colours for the PE enclosure are readily available:

- Red - Equivalent to RAL 3020
- Orange - Equivalent to RAL 2009
- Blue - Equivalent to RAL 5017
- Green - Equivalent to RAL 6024
- White - Equivalent to RAL 9010

Further enclosure colours and custom paintwork for metal components are available upon request.



Service-friendly

For maximum ease of maintenance, the large enclosure cover panel allows simple and convenient access to the intelligently laid-out interior.

Standard equipment

Anti-Frost Control

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, thereby significantly extending their service life.

Closed floor pan

The closed floor pan immediately catches any liquids, thereby preventing ground contamination in environmentally sensitive zones. All drainage openings are sealed with screw plugs.



Options

Hose reel

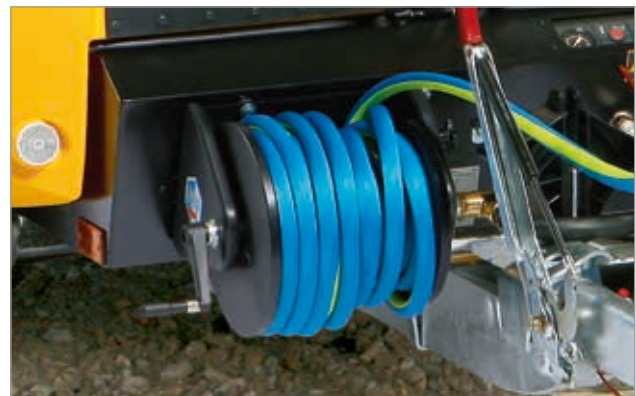
The factory-installed hose reel holds 20 m of lightweight hosing, which does not require fully reeling out in order to operate. Properly storing the hose in this manner serves to extend its availability and service life, whilst also protecting it from damage (kinking, stretching, being run over) and soiling.

Suitable for refinery use

The M 20 is available with a certified spark arrester for refinery applications. The engine shut-off valve automatically shuts the machine down upon intake of combustible gases.

Tool lubricator

If required, the M 20 is also available with a tool lubricator for compressed air tools.



Technical specifications

Model	Compressor				3-cylinder diesel engine (water-cooled)				Complete system				
	Flow rate		Gauge working pressure		Make	Type	Rated engine power	Speed at full load	Fuel tank capacity	Operating weight ¹⁾	Sound power level ²⁾	Sound pressure level ³⁾	Compressed air connection
	m ³ /min	cfm	bar	PSI									
M20	2.0	71	7	100	Kubota	D772	14	3600	30	457	≤ 97	68	2 × G¾

¹⁾ Specified weight applies to standard PE enclosure unit with unbraked chassis and height-adjustable tow bar

²⁾ Guaranteed sound pressure level as per EU Directive 2000/14/EC

³⁾ Surface sound pressure level measured as per ISO 3744 (r = 10m)

Dimensions

Version: Height-adjustable tow bar		
Version: Fixed tow bar		
Version: Skid-mounted		
Version: Stationary		

The world is our home

As one of the world's largest manufacturers of compressors, blowers and compressed air systems, KAESER KOMPRESSOREN is represented throughout the world by a comprehensive network of branches, subsidiaries and authorised distribution partners in over 140 countries.

By offering innovative, efficient and reliable products and services, KAESER KOMPRESSOREN's experienced consultants and engineers work in close partnership with customers to enhance their competitive edge and to develop progressive system concepts that continuously push the boundaries of performance and technology. Moreover, decades of knowledge and expertise from this industry-leading systems provider are made available to each and every customer via the KAESER group's advanced global IT network.

These advantages, coupled with KAESER's worldwide service organisation, ensure that every product operates at peak performance at all times, whilst providing maximum availability.



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