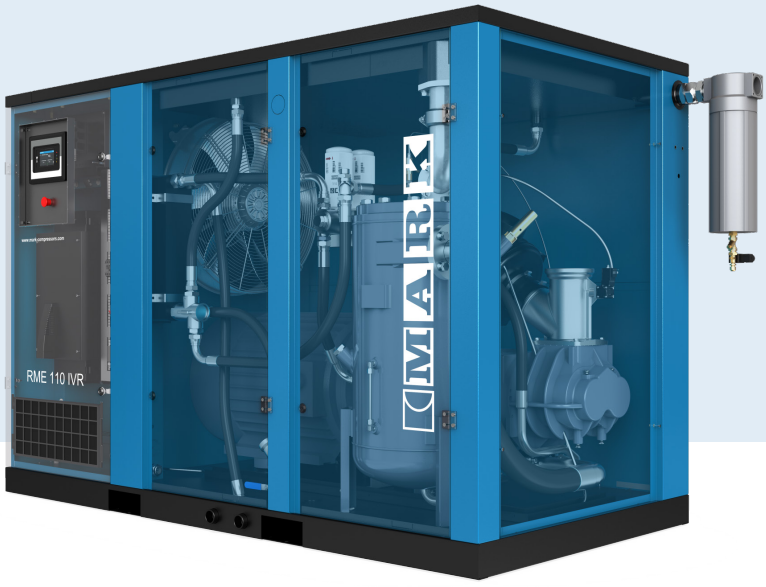
PARTNERSHIP • AVAILABILITY • RELIABILITY • SERVICEABILITY • SIMPLICITY •
TECHNOLOGY YOU CAN TRUST

Compact, connected and convenient: Reliability and great performance for your business

RME110, RME110IVR 110KW
FIXED SPEED & VARIABLE SPEED



mark-compressors.com

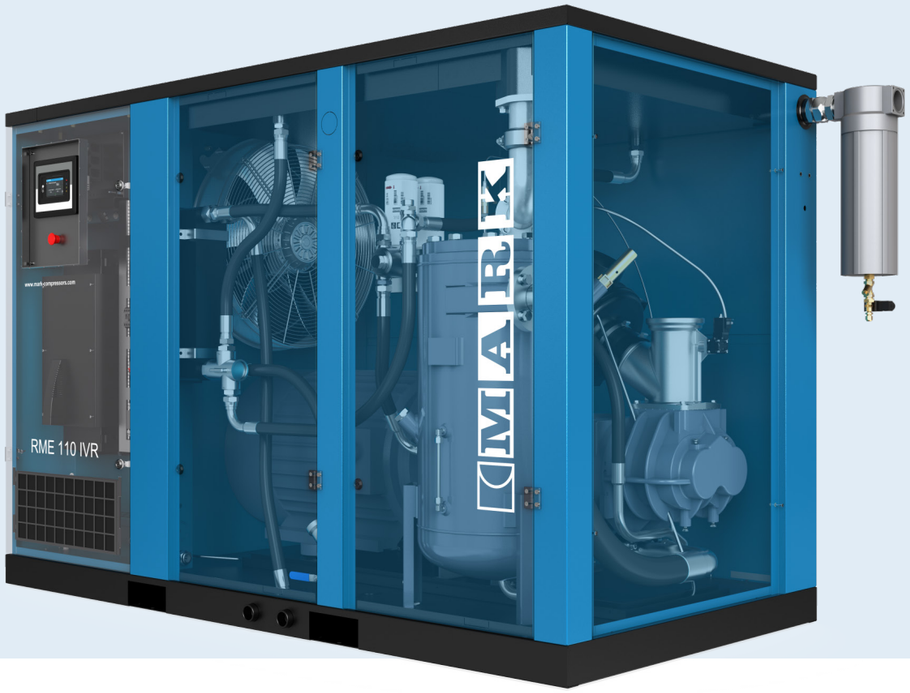
MARK

Introducing Our New Range of High-Efficiency Compressors

Our latest range of compressors features a superior screw element that delivers the perfect blend of maximum free air delivery and low energy consumption. This state-of-the-art compressor element is powered by Super Premium Efficiency (IE4) electric motors, which significantly enhance overall package efficiency.

Through continuous investment in our highly skilled R&D department, we ensure superior customer value by maximizing productivity and minimizing operational costs. Our commitment to innovation and quality guarantees that our compressors not only meet but exceed industry standards, providing reliable, high-performance solutions for your needs.

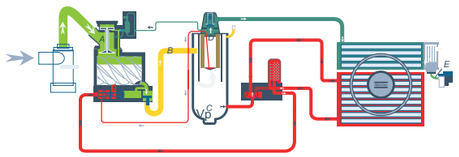
Experience the future of compressed air technology with our new range, designed to offer unparalleled efficiency, reliability, and cost savings. Choose our compressors to boost your productivity and enjoy the benefits of cutting-edge engineering and superior performance.



TOUCH TECHNOLOGY REDEFINED

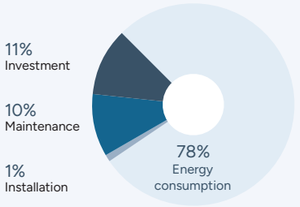
Our range of 110kW RME110-RME110IVR is equipped with the latest built-in touch controller technology. This advanced controller provides comprehensive connectivity and monitoring capabilities, allowing you to easily oversee and manage your compressor's performance. With intuitive graph functionality, you can quickly visualize the compressor's operation over a configured timeline, ensuring optimal performance and efficiency at a glance.

HIGH-EFFICIENCY MOTOR



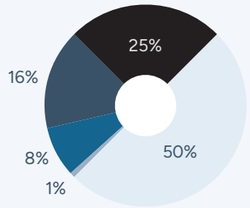
A | Intake air
B | Air/oil mixture
C | Oil
D | Wet compress air
E | Condensate

FIXED SPEED COMPRESSOR



In a standard compressor's 5-year life cycle, energy costs can account for up to 78% of the total cost of producing compressed air.

VARIABLE SPEED COMPRESSOR



By switching to our variable speed compressors, you can save up to 36% of energy expenses that will ultimately lead to 25% total cost of ownership reduction.

VARIABLE SPEED DRIVE

Our compressors utilize advanced variable speed technology to continuously monitor air requirements through feedback sensors. This system adjusts in real-time to maintain constant pressure, preventing energy losses during load and idle conditions. By adapting to your specific air demand, our compressors ensure optimal performance and significant energy savings.

IMPERIUM INVERTER TECHNOLOGY

Introducing our IMPERIUM Inverter Technology, featuring a robust industrial design and IP5X protection. Specifically customized for screw compressor applications, this technology ensures durability and reliability in demanding environments. The blocks in the main body are expertly designed and manufactured in Belgium, guaranteeing superior quality and performance. Experience the pinnacle of industrial innovation with IMPERIUM Inverter Technology.

STATE-OF-THE-ART SCREW ELEMENT

Innovative Design for Unmatched Reliability

- Our patented asymmetric element profile and uniquely designed bearings ensure low wear and exceptional reliability.

Energy Efficiency at Its Best

- Experience up to 6% reduced energy consumption, thanks to the flawless performance of our screw element.
- Efficient air-oil separation minimizes pressure drops, further reducing energy costs.
- Low oil consumption translates to minimal maintenance expenses and extended compressor lifespan.

Easy Installation and Maintenance

- Enjoy constant optimized pressure in your system for significant energy savings.
- Designed for simplicity, our screw element boasts a maintenance-free setup with minimal moving parts.

Advanced Air-Water Separation

- The integrated aftercooler with an air-water separator efficiently removes condensate, delivering high-quality compressed air.
- Equipped with a TEFPC IP55 motor (Class F insulation B rise), our system is protected against dust and chemicals.
- Ensures stable, long-term operation even in challenging environments up to 46°C (115°F).

TECHNICAL SPECIFICATIONS

Model	Cooling	FAD (l/s)				Power	Noise Level	Connection	Dimensions	Weight
		7	8	10	13	kW/Hp	db(A)	Size	mm	Kg
RME110	Air-Cooled	327	308	265	224	110/150	78	G2"	2270 x 1200 x 1600	2090
RME110	Water-Cooled	327	308	265	224	110/150	76	G2"	2445 x 1200 x 1600	2100
RME110IVR	Air-Cooled	98-327	92-308	80-265	67-224	110/150	78	G2"	2445 x 1200 x 1600	2250
RME110IVR	Water-Cooled	98-327	92-308	80-265	67-224	110/150	76	G2"	2445 x 1200 x 1600	2210

*The values in the table are determined in accordance with ISO 1217 3rd edition 2010 standards.

Contact your local representative:

www.mark-compressors.com

6999 2100 40

CARE
Care is what service is all about: professional service by knowledgeable people, using high-quality original parts.

TRUST
Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

EFFICIENCY
Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.

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