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High performance oil injected compressor

KyungWon ASM Screw Compressors

COMPRESSED AIR SOLUTION FOR INDUSTRY

The ASM Series Screw Compressors are fully integrated oil-injected units delivering complete compressed air solutions for modern industry. The range includes fixed speed, inverter driven, and dual tandem systems to cover diverse power, flow, and pressure needs. Direct drive technology, MICOM controls, low noise design, and flexible configurations provide efficient, reliable, and cost-effective operation in demanding environments.

Complete compressor range for every need

- Fixed, VSD and tandem models for flexible use.
- 20–500 HP range suits small to large sites.
- Flow 2.1–60.5 m³/min at 7–9.5 bar.
- One range covers most industrial air needs from general manufacturing to heavy industry.

Built to last in tough conditions

- Proven screw airend and heavy-duty design deliver long life, high uptime, and reliable performance in demanding industrial conditions.

Efficient power-saving performance

- Direct drive cuts losses, improving efficiency
- ASM V adjusts speed to demand, saving energy
- ASM K Tandem units share load for better part-load efficiency
- Energy saving reduces cost and speeds payback

Quiet, easy-to-use operation

- Smart controls simplify monitoring and parameter adjustment.
- Low-noise design improves comfort and safety.
- User-friendly controls enable quick troubleshooting and efficient maintenance.

EFFICIENT COMPRESSED AIR

The KyungWon ASM Screw Compressor Series delivers a complete, energy-efficient compressed air solution for applications ranging from light manufacturing to heavy-duty production. Its direct-drive screw system ensures high volumetric efficiency, stable airflow, and consistent pressure with minimal energy loss.

Three product lines: ASM fixed-speed for steady loads, ASM V inverter-driven for real-time demand matching, and ASM K dual tandem for high capacity and flexible load sharing let users tailor systems while keeping a common service platform. With 20–500 HP, 2.1–60.5 m^3/min flow, and 7–9.5 bar pressure, the ASM Series covers diverse industrial needs.

PRECISE CONTROL AND RELIABILITY

MICOM-based controls enable precise pressure management, efficient load/unload cycles, and clear status monitoring.

Low-noise design improves workplace comfort, while robust construction and KyungWon's proven airend technology ensure long-term reliability.

FLEXIBLE, PROVEN AIREND TECH

Beyond core performance, the ASM Screw Compressor Series offers flexible configurations and proven components. KyungWon's screw airend ensures efficient, durable, low-maintenance compression. Options include 220 V power, ECOaire inverters, and water-cooled systems to match diverse industrial conditions.

TECHNICAL SPECIFICATIONS

Model	Type	Size range		Pressure Range	Capacity Range	Noise level
		kW	Hp	bar(g)	m^3/min	db(A)
ASM series	Fixed Speed	15–300	20–402	7–9.5	2.1–50.6	63–89
ASM K series	Dual Compression	75×2–190×2 kW	200–510	7–9.5	20.6–60.5	80–93
ASM V series	Variable Speed	22–160	30–215	7–9.5	1.2–25.7	63–79

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