Press Release

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FOR IMMEDIATE RELEASE

Kaeser Compressors Launches Next-Generation SK Series Rotary Screw Compressors with Expanded Pressure Options and all new SIGMA CONTROL®

Updated SK line includes multiple configurations of 20 hp, 15 hp and the new 12 hp model. Each size includes six pressure variants, enhanced efficiency, and advanced cybersecurity.



Updated SK line includes multiple configurations of 20 hp, 15 hp and the new 12 hp model.
Download a high-resolution image here.

Kaeser Compressors, Inc., announces its next-generation SK series rotary screw compressors. Engineered for reliable duty from commercial shops to large industrial plants, the redesigned SK line pairs higher free air delivery (FAD) and lower energy consumption with the new SIGMA CONTROL® compressor controller.

Because energy costs often account for the largest portion of a compressor's total lifecycle expenditure, KAESER redesigned the SK series to maximize efficiency across every component. At the core of the new line is an enhanced rotary screw airend—including the improved Sigma 10 MP airend—featuring Kaeser's proprietary, flow-optimized Sigma Profile. By optimizing airend speeds, pairing the units with IE3 Premium Efficiency motors, and reducing internal pressure drops and fluid-circuit losses, the SK delivers significantly more compressed air with lower power consumption.

To help facilities match their exact compressed air demands without oversizing, the updated series introduces expanded sizing and pressure flexibility:

- **More pressure variants:** Fixed-speed models are now available in six pressure ranges up to 217 psig for tailored system matching.
- **New 12 hp model:** The fixed-speed SK 12 widens the series flow range from 38 up to 97 cfm.
- **Multiple configurations:** Customers can select from the standard fixed-speed unit; the **T-version** with an integrated, thermally isolated refrigerated dryer; or the **AIRCENTER**, a turnkey, space-saving package that combines the compressor and refrigerated dryer on top of a 92-gallon air receiver. Select models will also be available Sigma Frequency Control units with variable-speed drive.

The SK series is also among the first to feature the new **SIGMA CONTROL® "M"** integrated controller. Built on a modular hardware and software platform with best-in-class cybersecurity, the new SIGMA CONTROL features a high-resolution color touchscreen with intuitive navigation for instant access to operating data, maintenance counters, and system diagnostics. Operators can monitor real-time performance, receive push notifications, and generate detailed machine reports remotely via the **KAESER Connect** mobile app.The Ethernet interface allows seamless integration into the Kaeser Sigma Network and system controllers such as the Sigma Air Manager 4.0.

Designed with serviceability in mind, all routine maintenance points are accessible from a single side via an easily removable enclosure panel, minimizing service downtime. The vertical-footprint SK incorporates a redesigned cooling airflow and dual-flow fan that lower internal operating temperatures while keeping sound levels quiet enough for normal conversation next to the running unit. The next-generation SK series rotary screw compressors will soon be available to order through Kaeser Compressors and its authorized U.S. distribution network. To be connected with your local authorized Kaeser representative, please call (877) 417-3527.

About Kaeser Compressors, Inc.: Kaeser Compressors is a leader in reliable, energy efficient compressed air equipment and system design. We offer a complete line of superior quality industrial air compressors as well as dryers, filters, SmartPipe™, master controls, and other system accessories. Kaeser also offers blowers, vacuum pumps, and portable gasoline and diesel screw compressors. Our national service network provides installation, rentals, maintenance, repair, and system audits. Kaeser is an ENERGY STAR Partner.

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