

EG PM VFD SERIES

Oil-injected Rotary Screw Air Compressors

11 - 45 kW | 15 - 60 hp

ELGI®

Always Better.

A GENERATIONAL SHIFT IN EFFICIENCY



ROTARY SCREW AIR COMPRESSORS POWERED BY IE5+ PERMANENT MAGNET SYNCHRONOUS MOTOR

Industries worldwide are under increasing pressure to reduce their carbon footprint and uphold heightened environmental responsibility.

Many compressors do not run at more than 80% load. A traditional VFD machine will help save in this scenario.

Still, the challenge has been to cater to loads greater than 80% while also improving upon the conventional VFD machines' savings when running below 80% loads.

This series is designed to provide the best-in-class life cycle cost, ensuring enhanced performance and unmatched

energy efficiency even at 100% load conditions, guaranteeing significant savings.

With a range of intelligent features, the EG PM VFD series signifies a generational shift, positioning itself as the Premium Flagship Machine in the Air Compressor Industry.

The EG PM VFD series ensures the best-in-class life cycle cost, encompassing power, maintenance, and capital costs. Contributing to environmental responsibility, the series efficiently reduces power consumption, resulting in a noticeable decrease in carbon footprint.



The EG PM VFD SERIES is unique with its offerings that set it apart as the premium flagship machine in the air compressor industry.

FEATURES AND BENEFITS



IE5+ TORQ^{PM} Motor

Achieving best-in-class efficiency, the series combines an IE5+ ELGi TORQ^{PM} Motor with ELGi's η-V efficient airends. This synergy delivers energy savings across various load patterns, significantly minimising the carbon footprint.



Intelligent Thermal Valve System

The intelligent thermal valve system, working in synergy with the advanced Neuron 4 controller, operates based on a deep understanding of both environmental and machine conditions. This ensures the compressor's efficiency and reliability even in the most demanding conditions, making it a resilient and dependable solution.

N4

Neuron 4 Controller

The Neuron 4 controller, exclusively developed by ELGi, offers a comprehensive solution for superior and reliable compressor operation. Equipped with an industrial-grade 7-inch touchscreen interface and intelligent algorithms, the Neuron 4 is designed to optimise energy usage, enhancing overall operational efficiency.



Best-In-Class Warranty*

The ELGi's EG Series offers lifetime air end warranty and a five-year package warranty, ensuring customers receive best-in-class compressed air products along with industry-leading warranty coverage.

**Terms & Conditions apply.*

Enhanced Energy Saving With PM VFD

