

ELGi Drill Compressors

With Superior Technology
that Delivers

Better Performance
Better Reliability
Better Profits

ELGi[®]
Always Better.



PG SERIES

Portable Global Compressors

- Air Core (AC) Drilling
- Coal Bed Methane (CBM) Drilling
- Down-the-hole (DTH) Drilling
- Dewatering
- Mud Handling
- Oil & Gas Exploration and Production
- Pigging
- Reverse Circulation (RC) drilling
- Rotary Air Blast (RAB) Drilling
- Seismic Drilling
- Waterwell Drilling

Efficient Air Compressors for Drilling Operations

The drilling industry is constantly evolving, with customers trying to save time and increase productivity. Inconsistent and extreme operating conditions make drilling a very demanding industry. The ELGi's portable compressors are built to function in challenging situations and exceed expectations by delivering superior power, performance, and reliability. It offers customers faster penetration, low fuel consumption, an exceptionally durable engine, and a compact and robust package. The ELGi PG series portable air compressors are designed to meet these challenges and are utilised in diverse applications.



DRILLING PROFITS

with Ground-breaking Technology

The drilling industry has seen exponential growth over the years, with an increasing demand for superior power, exceptional performance, and reliability, to make drilling hassle-free. ELGi has always been an integral part of the drilling industry. Over the years, ELGi has delivered ground-breaking Rig Compressors with unparalleled power and efficiency. With superior customer support and over 60 years of rich experience in compressed air technology, ELGi has been supporting thousands of customers across the world.

Features of the ELGi Drill Compressors



Faster Drilling

- A highly effective machine as it minimizes flushing to drilling time.
- Saves time as cuttings come out faster.



Better Drilling Average

- Auto High Drill System ensures optimal drilling speed and pressure during water yield conditions and guaranteeing superior performance and lower cost per meter.



Integrated Control Panel

- An integrated control panel improves safety and provides ease of access to vital operations.



Low Cost of Ownership

- ELGi offers the best-in-class warranty.
- Better maintenance intervals ensure the lowest cost of ownership.



PG SERIES

Efficient Drilling Power for High Productivity



Features and Benefits



Energy Efficient η -V Profile Aired

The ELGi PG series comes with a unique rotary screw air end that saves energy. The η -V rotor profiles are designed to maximise energy efficiency and hence minimises energy expenses.



Intelligent Control System

The new and innovative Auto high drill system powered by ELGi's patented Intelligent Control System (ICS) ensures optimal drilling speed and pressure while guaranteeing exceptional drilling performance irrespective of strata, depth, and water yield conditions. The Intelligent Control System (ICS) also ensures faster penetration, better fuel efficiency, and lower cost per foot resulting in maximum savings and profit for the customer.



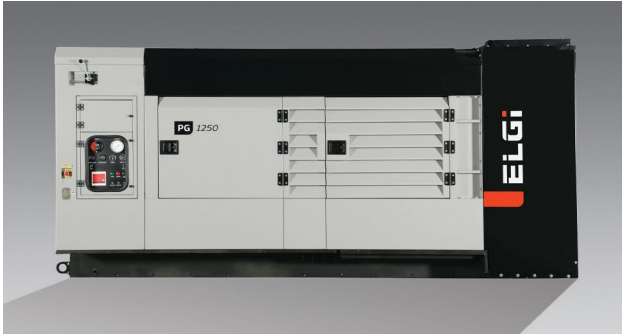
Improved Air Intake System

The weld-free air intake system with 3-stage air filtration, ensures clean air entering the compressor with minimal pressure drop. This ensures reliable operation and enhanced life of the compressor parts.



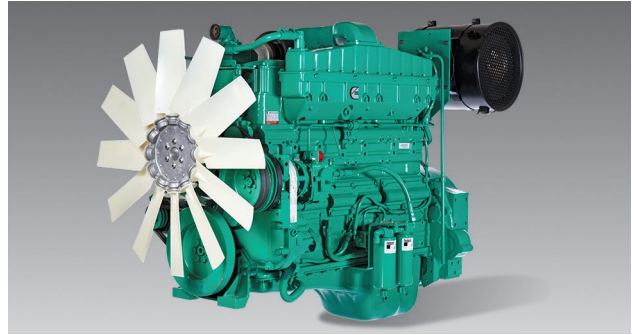
Increased Operational Life

The compressor is ideal for operations in dusty environments. The two-stage filtration system keeps dust out of the compressor and engine.



Durability and Protection Against Corrosion

The PG series compressor canopy is made of powder-coated industrial-grade steel. The cool-box design allows cool air to enter the rear of the compressor (in closed-door operations) and wash over internal components, to keep the internal temperature low and extend component life.



Fuel-Efficient Compressors

The ELGi PG series portable diesel compressors are powered by reliable engines known globally and designed to provide the best fuel economy and low emissions in their class.



Air Supply Matched with Demand

Fuel consumption and operating costs are reduced thanks to the 0-100% stepless capacity control. The butterfly valve is regulated by air consumption demand to optimise compressor performance.



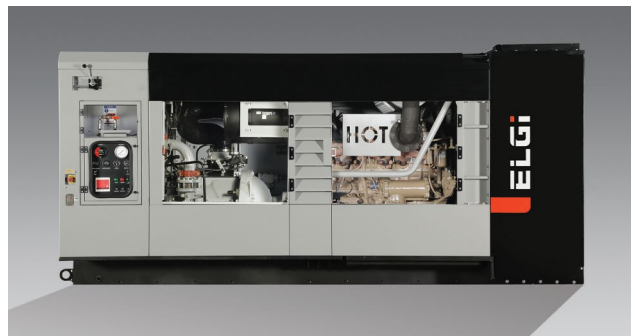
Effective Cooling

Aluminium oil coolers are used for better heat dissipation.



User-Friendly Control Panel

The intuitive control panel integrates all main instrument controls and monitoring systems. The operational condition of the system may be determined via the use of simple-to-use instruments and digital readouts. During abnormal circumstances, the digital panel displays warning and shutdown signals.



Easy Access for Maintenance and Service

Operators may swiftly and easily reach regular maintenance components, reducing service time. Service doors make it simple to access air filters and valves. The cam lock/swing door configuration on the service doors enables simple and fatigue-free regular maintenance.

Diesel Powered - Skid Mounted Compressors Technical Specifications

| Model | FAD | Pressure | Engine | Dimensional Data (mm) | | | Weight |
|--------------------|------|----------|-----------------------|-----------------------|-------|---------------------|----------|
| | cfm | psi g | | Length | Width | Height ¹ | Dry (kg) |
| PG 185S-100 | 185 | 100 | V2403-M, Kubota | 1854 | 1490 | 1420 | 860 |
| PG 350S-200 | 350 | 200 | 6BTA, Cummins | 3075 | 1860 | 2165 | 2110 |
| PG 400S-175 | 400 | 175 | 6BTA, Cummins | 3075 | 1860 | 2165 | 2110 |
| PG 400S-175 AC | 400 | 175 | 6BTA, Cummins | 3075 | 1860 | 2165 | 2110 |
| PG 450S-150 | 450 | 150 | 6BTA, Cummins | 3075 | 1860 | 2165 | 2110 |
| PG 500S-175S | 500 | 175 | W06DTI, Ashok Leyland | 3020 | 1345 | 1865 | 2225 |
| PG 550S-200S | 550 | 200 | W06DTI, Ashok Leyland | 3020 | 1345 | 1865 | 2225 |
| PG 600S-230S | 600 | 230 | 6CTA, Cummins | 3500 | 1350 | 1773 | 2660 |
| PG 900S - 350 | 900 | 350 | NTA855C (BC), Cummins | 4700 | 2350 | 3050 | 6000 |
| PG 1100S | 1100 | 290-320 | NTA855BC, Cummins | 3995 | 1600 | 1875 | 5050 |
| PG 1200S | 1200 | 320-350 | NTA855BC, Cummins | 3995 | 1600 | 1875 | 5050 |
| PG 1200S-330 | 1200 | 330 | NTA855BC, Cummins | 4800 | 2200 | 1950 | 4990 |
| PG 1200S-Combo 350 | 1200 | 350 | NTA855BC, Cummins | 4800 | 2200 | 1950 | 4990 |
| PG 1250S | 1250 | 330-360 | NTA855BC, Cummins | 3995 | 1600 | 1875 | 5050 |
| PG 1500S-Combo 400 | 1500 | 400 | KTTA 19C, Cummins | 4750 | 2400 | 2550 | 6500 |

Note: Due to continuous engineering improvements, the technical specifications are subject to change without prior notice.

GENUINE SPARE PARTS

Prompt and Quick Service Support

Genuine ELGi parts prolong the life of the compressor and increase performance. Customers can easily obtain ELGi spare parts from the company’s after-sales network that offers genuine customer care and excellent follow-up services.



Lubricants & Fluids

Compressors require specific lubricants to suit different applications and working environments. Our lubricants are carefully formulated to cover your needs in different operating conditions.



Service Kits

ELGi’s comprehensive service kits come with necessary consumables for easy replacement, operation and maintenance of compressors’ smaller interior parts and components.

ELGi

Always Better.

Elgi Equipments Limited is a global air compressor manufacturer with a broad line of innovative and technologically superior compressed air systems.

ELGi has consistently worked towards ensuring that its customers achieve their productivity goals while keeping the cost of ownership low. ELGi offers a complete range of compressed

air solutions from oil lubricated and oil free rotary screw compressors, oil lubricated and oil free reciprocating compressors and centrifugal compressors, to dryers, filters, and downstream accessories.

The company's portfolio of over 400 products has found wide application across industries.

60+

Years of Customer-Centric Innovation

2 Mn+

Installations Worldwide

120+

Countries and Counting



**DEMING PRIZE
2019**

AWARDED TO
ELGI EQUIPMENTS LIMITED
FOR OUTSTANDING MERIT
IN THE STATISTICAL
CONTROL OF QUALITY
2019

ELGi is the first globally established industrial air compressor manufacturer to be awarded the Deming Prize for Excellence in Total Quality Management.





Reasons to Choose ELGi Portable Air Compressors

Proven Reliability | Proven Results | Best in class Life Cycle Costs |
Best in class warranty | Global Service Network

ELGi[®]

Always Better.

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