

**ziqi**  
AIR COMPRESSOR

**High-Performance Compressed  
Air with Local Support.**



Distributed by:

**NEXUPLY**

The Machine Company

# At Nexuply, we know that reliable operations start with the right equipment.

That's why, in addition to offering strategic industrial technology solutions, we provide the technical and logistical support you need to make smart decisions for your project.

From the Bajío region to northern Mexico, we support the automotive, manufacturing, food, and logistics industries with industrial equipment integration, immediate supply, and specialized consulting.

In compressed air projects, we assist from equipment selection to air flow design based on required flow rates, equipment layout, and industrial processes to be supported. All with the goal of maximizing energy efficiency and air quality tailored to each operation.



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## GLOBAL AIR COMPRESSION TECHNOLOGY, NOW IN MEXICO

ZIQI Compressor (Shanghai) Co., Ltd. is a global manufacturer specializing in industrial air compressors. Founded in 2007, it operates under international standards and holds ISO 9001, ISO 14001, ISO 45001, and CE certifications. Its products incorporate premium technologies such as:

- 5:6 profile high-efficiency rotors
- WEG IE4 motors
- SKF bearings
- Italian or Japanese pumps and dryers

ZIQI focuses on energy efficiency, operational durability, and smart automation—at a highly competitive cost.

### Typical Industrial Applications

ZIQI compressors are suitable for:

- Automotive
- Food & Beverage
- Pharmaceutical
- Plastics & Packaging
- Energy & Mining

Their flexibility makes them viable for both critical and auxiliary processes.

# **/ AS A SPECIALIZED DISTRIBUTOR, NEXUPLY OFFERS YOU:**



Technical consulting for equipment selection and system integration.



Installation aligned with plant operation schedules.



Local technical service with immediate availability.



Inventory of key spare parts and consumables.



Support during commissioning and operational training.



Assistance with financial structuring of compressor investments, adapted to real CAPEX planning needs.





## ZIQI'S INDUSTRIAL SOLUTIONS PORTFOLIO

ZIQI offers a comprehensive portfolio of air compressors and complementary systems that cover everything from general needs to technically demanding industrial applications.

Through Nexuply, this portfolio reaches the Mexican market with expert guidance, local technical support, and optimized logistics.

# **GAS SERIES** **SCREW AIR COMPRESSOR**



## Ideal Applications:

General manufacturing, standard industrial processes, automation, textiles, woodworking, non-critical food processing, plastics, metalworking.



## Key Features:

- 5:6 asymmetrical twin-screw rotor technology.
- Air displacement from 0.3 to 32 m<sup>3</sup>/min, pressures from 7 to 13 bar.
- High-efficiency WEG IE4 motors.
- Durable SKF bearings.
- Direct start or Variable Frequency Control (VFC) based on air demand.
- IP55 protection and Class F insulation for industrial environments.
- Low noise levels (as low as 62 dB on smaller models).

## Competitive Advantages:

- Solid energy efficiency for base-level systems.
- Optimized cost-benefit for medium and large plants.
- Easy maintenance and readily available spare parts.

# **GAT SERIES**

## **TWO-STAGE OIL-LUBRICATION SCREW AIR COMPRESSOR**



### **Ideal Applications:**

Continuous high-demand processes, critical operations, automotive, electronics, pharmaceuticals, metallurgy, or any environment where energy efficiency is key.



### **Key Features:**

- Two-stage technology reduces compression ratio per stage, minimizes backflow and discharge temperature, improving overall efficiency.
- Flow rates from 3.2 to 70+ m<sup>3</sup>/min.
- IE4 high-efficiency motors with VFC start.
- Custom rotor design with minimal leakage space between stages.
- PID control system with Siemens touch screen and ModBUS communication.
- Compact and robust design with air or water cooling options.

### **Competitive Advantages:**

- Up to 20% lower energy consumption compared to single-stage compressors.
  - Higher operational efficiency and lower total cost of ownership vs. Atlas Copco, Kaeser, etc.
  - Stable continuous operation with lower internal temperatures.
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- Ideal for replacing older systems without redesigning existing pneumatic networks.
  - Widely used in the automotive sector due to reduced downtime and >95% operational efficiency.



# **GMD SERIES**

## **PORTABLE DIESEL AIR COMPRESSOR**



### **Ideal Applications:**

Mining, construction, drilling, off-site maintenance, mobile pneumatic systems, plants without stable power supply.



### **Key Features:**

- Designed for 24/7 operation in harsh environments.
- Diesel engines: Cummins, Yuchai, or Xichai (Euro II compliant).
- Flow rates from 5.2 to 41 m<sup>3</sup>/min, pressures from 7 to 34 bar.
- Three-stage oil separator (58% enhanced efficiency).
- Smart control panel with diagnostics and shutdown on critical parameters.
- Multi-stage air filters and high-tolerance fuel filters.
- Reinforced chassis, industrial wheels, and lifting rings.

### **Competitive Advantages:**

- Full energy independence.
- Mobile solution without compromising flow or pressure.
- Highly resistant to dust, vibration, extreme temperatures, and altitude.



# **OFD SERIES**

## **OIL FREE DRY-TYPE SCREW AIR COMPRESSOR**



### **Ideal Applications:**

Pharmaceutical, critical food production, electronics, hospitals, labs, clean processes, ISO Class 0 requirements.



### **Key Features:**

- Non-contact screw system with special coatings (Teflon and molybdenum).
- 100% oil-free air.
- Two-stage compression with intermediate cooling.
- Operates at low temperatures (up to 300 °C thermal tolerance).
- No oil or water in the compression system.

### **Competitive Advantages:**

- High rotor durability.
- Stable performance in critical applications.
- No risk of product contamination.

# OFW SERIES

## OIL FREE WATER-LUBRICATION SCREW AIR COMPRESSOR



### Ideal Applications:

Industrial processes requiring 100% oil-free air with thermal control and low noise levels—food & beverage, bottling, labs, hospitals, precision electronics.



### Key Features:

- Single-screw design with star wheels.
- Water acts as lubricant, coolant, sealant, and noise reducer.
- 100% oil-free air, controlled temperatures (~45 °C).
- Low vibration and noise levels due to internal design.
- Lifespan up to 300,000 hours (manufacturer specification).

### Competitive Advantages:

- Excellent thermal balance and energy efficiency
- High reliability with no industrial oils required
- Complies with environmental and sanitary regulations

# AFTER TREATMENT EQUIPMENT OF AIR COMPRESSOR



## Ideal Applications:

Any industry requiring controlled air quality per ISO 8573.1—sensitive to water, oil, or particles.

Included Components:



## Refrigeration dryers (GA-HFB, GA-HFD, GA-HF):

- Flow rate: 0.5 to 65 Nm<sup>3</sup>/min.
- Dew point: 3 to 10 °C.
- Anti-corrosion design, low maintenance, thermal efficiency.

## Adsorption dryers (GA-XF, GA-LF, GA-GXF):

- Dew point up to -40 °C.
- Heatless or heated regeneration.
- Blower purge models (zero air loss).

## Competitive Advantages:

- Minimizes risk of condensation, corrosion, or contamination.
- Fast modular integration.
- Full compliance with sanitation or process regulations.

## Precision filters (up to 0.01 µm):

- Auto or electronic drain options.
- Fully compatible with ZIQI lines.



# **GAS-GA COMBINED SERIES**

## **ALL-IN-ONE COMBINED SCREW AIR COMPRESSOR**

### **Ideal Applications:**

Small to medium plants with limited space, workshops, light machinery, intermittent air use, plug-and-play solutions (laser, robotics, CNC, etc.)



### **Key Features:**

- Integrated system with compressor, dryer, storage tank, and line filters.
- Screw compressors with flow from 0.6 to 8.5 m<sup>3</sup>/min.
- Operating pressure: 7 to 13 bar.
- WEG IE4 motors.
- Direct start or VFC versions.
- Low noise levels from 62 dB(A), suitable for close workspaces.
- Compact design, easy installation and maintenance.
- High-quality filters and dryer ensure clean, dry air.

### **Competitive Advantages:**

- Major space and installation time savings
- Modular solution eliminates the need for separate component setup
- Perfect for users seeking simplicity with no compromise on performance
- Lower operating cost with optimized cycles and energy consumption



# **LASER MACHINE** **PROFESSIONAL COMPRESSOR SYSTEM**



## Ideal Applications:

CNC laser cutting, laser engraving machines, high-precision processes requiring dry, clean, and stable air.



## Key Features:

- Screw compressor with built-in dryer
- High-precision filters removing particles, oil, and moisture (up to 0.01  $\mu\text{m}$ )
- Dew point control from -20 °C to -40 °C (depending on configuration)
- Vertical air tanks for stable flow
- Configuration adjusted to laser power (1.5 kW to 6+ kW)
- Heatless regeneration options for uninterrupted operation



## Competitive Advantages:

- Consistent air quality for clean, burr-free cuts.
- Reduced maintenance on lenses, nozzles, and optics.
- System scales with laser upgrade.
- Designed for energy-intensive processes.

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