

TURBO-GAS Compressors

*Standard, packaged centrifugal compressors
for process gas applications*

TURBO-GAS™ compressors are efficient, reliable solutions for your gas compression needs. Depend on TURBO-GAS compressors for reliability combined with minimal maintenance to deliver a low total cost of operation and ownership.



Don't vent your valuable methane to the atmosphere. Capture and combust it to generate efficient, sustainable power.



TURBO-GAS 6040



TURBO-GAS 2040

Why Choose TURBO-GAS Compressors?

Oil-free Gas

- Prevents oil contamination of your system
- Reduces NO_x and carbon footprint

High Reliability

- Patented non-contacting gas seal design
- Conservative gearing design
- Stainless steel compression elements
- Patented, low-pressure hydrostatic squeeze-film pinion bearings
- Centrifugal compressors are proven to have a long mean time between failures (MTBF), and independent research has shown an industry-leading availability of 99.7%.

Easy, Low Cost Maintenance

- Compression elements do not wear or require periodic replacement

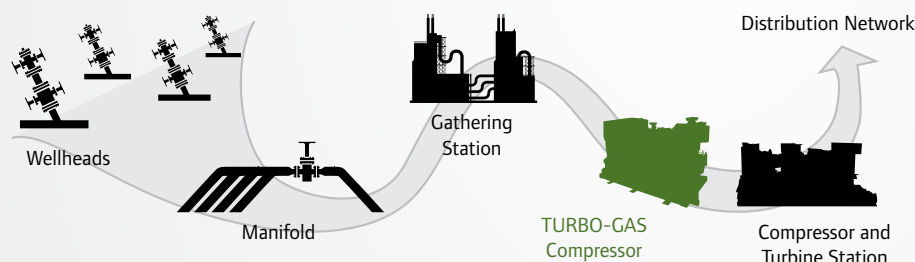
Simple Installation

- Compact design offers minimum number of connections
- No foundations required
- Complete package ready for plug-and-play

Proven Technology

- Since 1955, Ingersoll Rand Engineered Centrifugal Compression has manufactured more than 14,000 centrifugal compressors.

Typical Landfill Gas-to-Energy System



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Applications and Industries Served

- Gas Boosting
- Renewable Energy
- Air Separation
- Power Generation
- Chemical
- Petrochemicals
- Gas Processing
- Siloxane Removal
- Multiple Process

Gases Handled

- Landfill Gas
- Biogas
- Natural Gas
- Digester Gas
- CO
- CO₂
- Nitrogen

TURBO-GAS 2040

- Max Flow: 85 m³/min (3000 CFM)
- Max Pressure: 42 barg (610 psig)
- Max Power: 600 kW (800 hp)

TURBO-GAS 6040

- Max Flow: 167 m³/min (6000 CFM)
- Max Pressure: 42 barg (610 psig)
- Max Power: 1700 kW (2250 hp)

centrifugal.ingersollrand.com