



Helping Navigate the Journey to Net-Zero Emissions

Energy Transformation Products At Work





Product Innovations Working Now in Industry

Flare Gas Recovery

A novel approach to reducing flaring and venting at well-sites are products that re-purpose wasted gas to generate power. From here, the power can run on-site equipment or provide clean electricity back to the local grid.

Our units are modularly designed and fabricated for easy transport and assembly on-site.

Flare gas recovery products built by Compass, stretch beyond the energy industry and into new technology territories where power is used for energizing data centers and supporting advanced computing efforts in medical research and artificial intelligence.

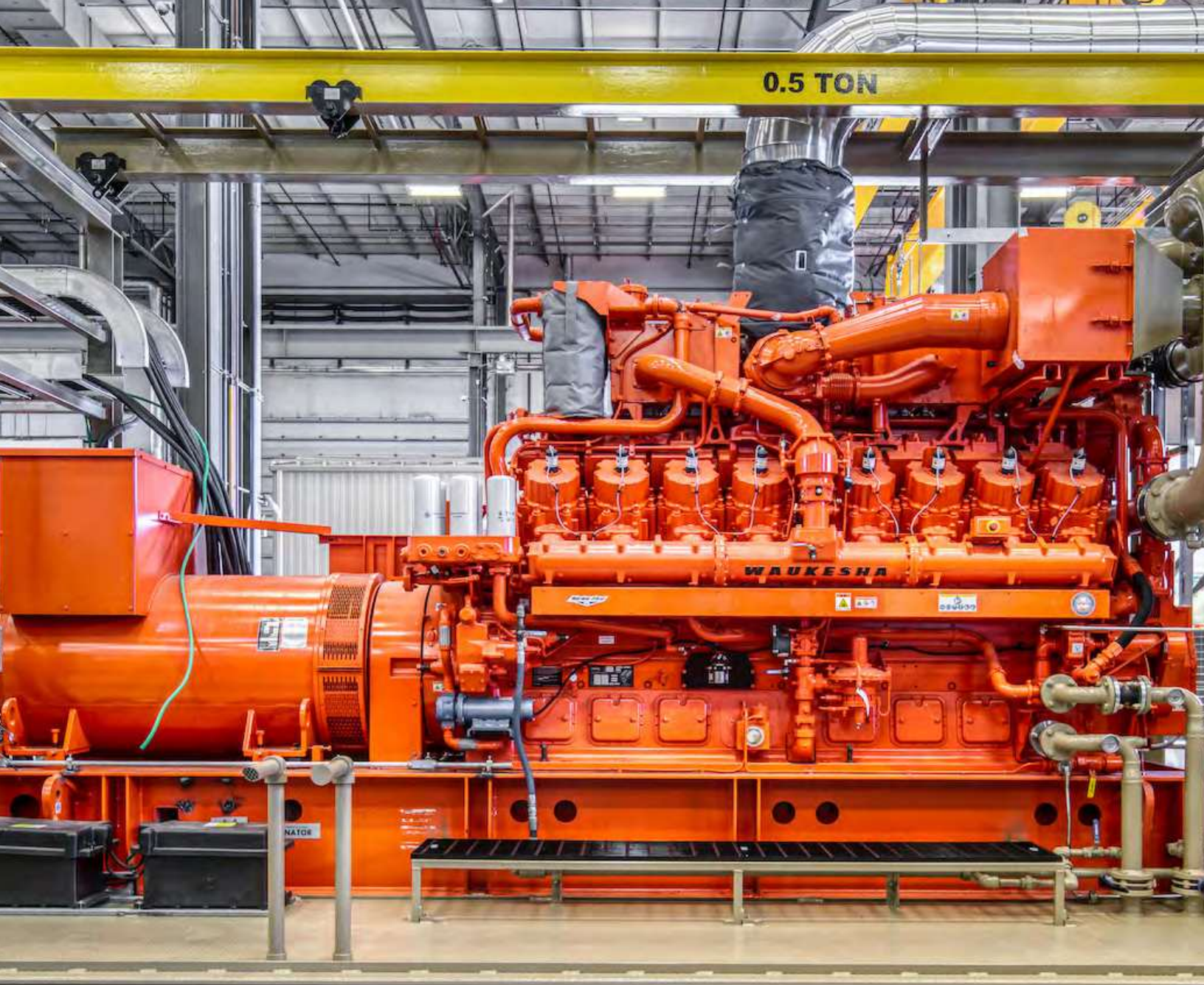
Gas to power units can be used for prime or standby power needs.

Technical Specifications

- 300 - 3800 kWe power output
- 50 - 60 Hz power capability
- Natural gas engines
- Operating in range of conditions: -40F to 110F+
- Emission control options
- Arctic or warm weather packaging
- Custom or standard design

If needed, designs can account for range of needs including varying fuel gas conditions from different sites.





Power

All Compass power systems are built to perform. They are designed and assembled with precision to ensure consistent, reliable, and durable operation for all types of uses and environments. Whether you need prime or standby power, we offer a range of choices for fuel types and controls to cater to specific project needs.

Our packaging experience and capabilities mean that you can rely on our units to work in harsh climates and satisfy stringent environmental and noise specifications.

Technical Specifications

- 250 - 3800 kW
- 480 V - 13.8 kV
- 50 - 60 Hz

Fuel Type

- Natural Gas
- Liquefied Natural Gas (LNG)
- Compressed Natural Gas (CNG)
- Renewable Natural Gas (RNG) / Biogas
- Hydrogen Blend
- Diesel

Emissions Reduction

All Compass packages are designed to meet industry regulations and environmental standards. Better eco-friendly performance is accessible for our customers in many ways whether building new or extending the life of an existing asset operating in the field with a retrofit.

Electrification of Existing Assets

We are helping many customers retrofit existing compressor packages from gas-driven to electric in efforts to reduce their carbon footprint.

Heat Recovery

Heat from gas-driven compressor packages is now being captured and used by our customers for power generation or reducing a facility's fuel needs for heating systems. This is done on new assemblies or by retrofitting older field equipment.

Vent Capture

By adding the latest technology to new or existing compressor packages, we ensure that previously vented hydrocarbons are captured and either reused as a supplementary fuel source or eliminated to help reduce environmental impact.

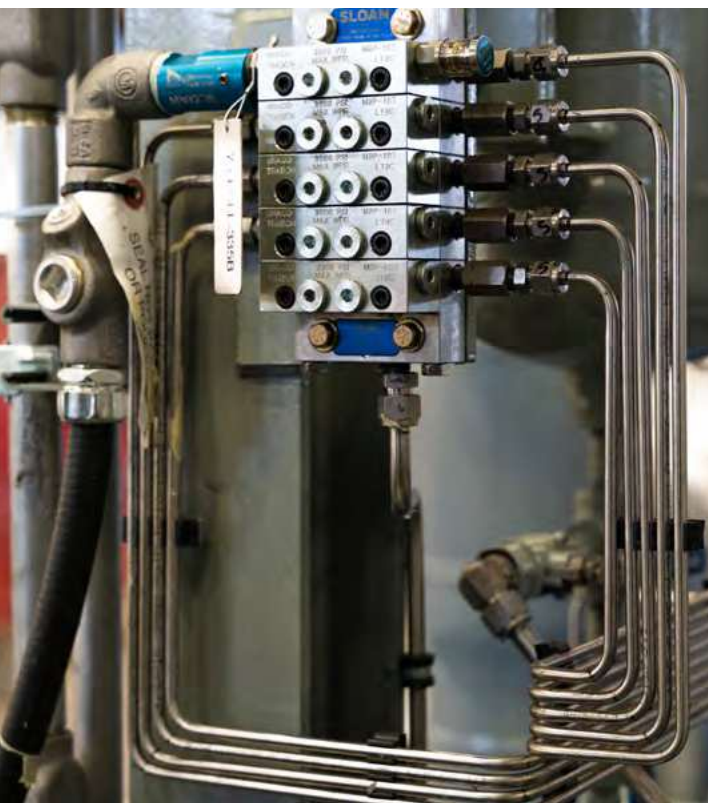
By building integrated packaging technology, Compass is helping to capture emissions for storage, heat recovery, and other uses.





Vapor Recovery

Prevent harmful gases from escaping by collecting vapors and storing them safely with standard and custom designed rotary vane compressor packages. By tapping into the dependable Ro-Flo Compressor design for challenging gas applications, Compass delivers an unmatched quality in equipment that is built to reduce emissions.



Designed and packaged for arctic or warm weather applications, these units are specifically built for their ability to handle heavy, dirty, and corrosive gases and provide wide operating ranges well suited for a variety of conditions.

Technical Specifications

- Rotary, positive displacement compressors
- 3 - 3500 MSCFD flow rates
- Inlet to 28" Hg vacuum (5 kPa absolute)
- Discharge pressure to 200 PSIG (13.6 bar gauge)
- One and two-stage setups
- Sour, acid, and wet gas capabilities



Carbon Capture Utilization and Sequestration (CCUS)

Compass has developed a track record in the CCUS space for performance and tackling projects that are capturing and sequestering carbon dioxide (CO₂) from the combustion of natural gas engines and other flue gas sources.



Whether taking low pressure gas to feed an amine plant, minimizing process flaring, or taking waste gas to a reinjection well, we've done it.

As a leader in compression and sweetening processes, whereby flue gas is safely and economically captured and redirected, Compass aims to ensure maximum operability and minimal level of maintenance with its package designs.

Technical Specifications

- Up to 8000 HP
- Stainless steel vessels, piping, valves, and instrumentation
- LEWA triplex process pumps
- Range of operating conditions
- Arctic and warm weather packaging options



Specialty Gases

We support ideas beyond the traditional oil and gas market. Our expanded reach is helping clients to gather and process new gases for blending, fuel, or supply to specialty gas markets, which include:

- Compressed Natural Gas (CNG)
- Liquefied Natural Gas (LNG)
- Renewable Natural Gas (RNG)
- Helium Recovery & Purification
- Hydrogen

Specialty gases make for complex applications that require a provider, like Compass, who can pull from their knowledge base to tailor equipment to precise compositions, concentrations, and tolerances.

Helium Recovery & Purification

By applying our expertise in natural gas compression and processing, we are helping clients navigate Helium extraction and purification efforts.

Technical Specifications

- 30 to 1500 HP
- Electric driven
- Warm and arctic packaging options

The global energy market is evolving and Compass is excited to support new and exciting possibilities for ideas that support innovations in energy, aerospace, healthcare, and many other sectors.



Asset Life Extension

Whether it's a retrofit, overhaul, or regular repairs and maintenance on existing or surplus equipment, our field services capabilities extend the life of equipment by upgrading old engine emission technology with new technology that reduces fuel consumption and emissions.

Project Types

- Electric conversions
- Engine swaps
- Emissions control and component upgrades
- Parts
- And more...

Carbon capture, electrification, and flare gas recovery are just some of the ways we're helping on the journey to net-zero emissions.

To gain a comprehensive understanding of everything Compass is doing to contribute to our industry's ambitious climate goals, please download a copy of our Energy Transformation Statement.

compassnrg.com/energy-transformation



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