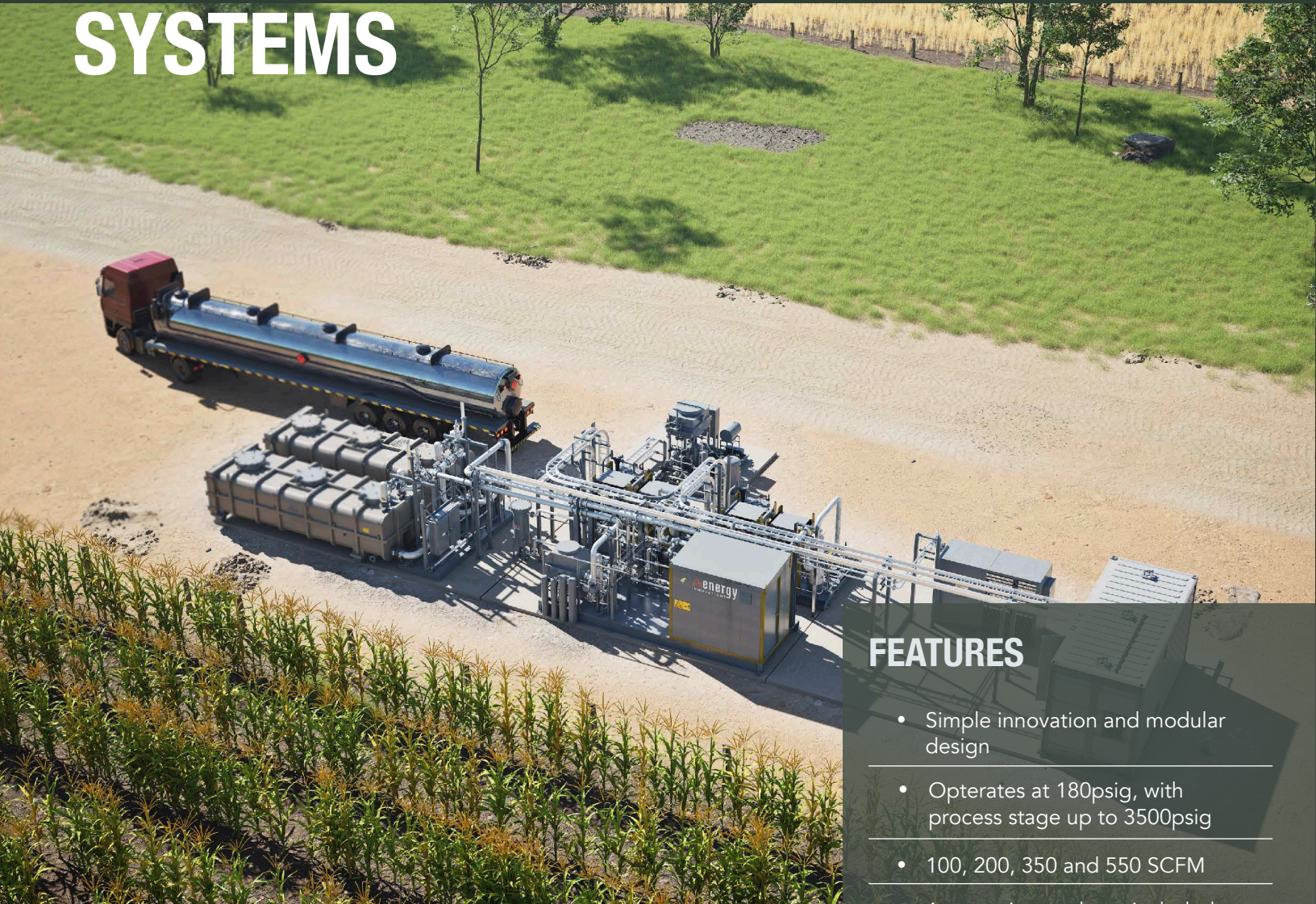


BIOGAS UPGRADING SYSTEMS



FEATURES

- Simple innovation and modular design
- Operates at 180psig, with process stage up to 3500psig
- 100, 200, 350 and 550 SCFM
- Automation package included with Ignition or Factory Talk
- 3 Stage high efficiency Evonik membranes
- FAT, SAT and full function verification prevents downtime
- Equipment comes ready to go, immediate install time
- SCADA and Data logging for LCFS
- LeRoi and JW Power compressors
- Rugged design, built to last
- H₂s, CO₂, H₂s, and Siloxane removal

15 YEARS
of Biogas Experience

Over 97 Biogas Projects
have equipment provided by Energy Innovations

Our BioDrive XL and LTE models are perfect for small to mid size operations in agriculture, landfill, and wastewater biogas applications. Complete packages, tested and ready for easy installation and operation. Manufactured in Redding California, our systems meet domestic material requirements for investment tax credits.

These systems have package options for moisture, CO₂, H₂s and siloxane removal. Other uses include hydrogen & syngas operations, feeding gas engines and fuel cells in electricity production. Excellent price point, quick installation and proven technologies makes the BioDrive system one of the best decisions you will make.

TECHNICAL SPECIFICATIONS

DESIGN METRICS	Flow Range	Up to 550 SCFM
	Pressure	Up to 3500 psig
	Biogas inlet Temperature	20°F - 130°F
	Ambient Temperature Range	Up to 110°F
	H ₂ S Range	0-12,000 PPM
	Elevation Range	0-6,000 ft ASL
	Inlet Capability	Direct Draw from Digester No Boosters or Pre-Filtration Required
	Filteration	0.3 micron Coalescing + 10 micron Particulate Filters
	Environment Standards	XP Class 1/Division 1 Class 1/Division 2 - Group D
	Dew Point	<40°F
PHYSICAL	Dimensions	Site Dependent
	Weight	<10,000 lbs
	Site Requirements	Level Concrete Slab 480V 3PH Power

PARTNERS & VENDORS

- ABB
- Atlas Copco Compressor Vendor
- Automation Direct Partner
- Gardener Denver Partners
- Kunkle Valve Partner
- Stoddard Silencer Partners
- Techtop Motor Distributor
- Xchanger Inc. Partner
- Stevens Engineering
- Airsep O2 Distributor
- AT Controls Partner
- Ignition SCADA
- LeRoi Compressors
- Kurz, Krohne, & Sage Meter Vendors
- TB Woods Vendor
- US Valve Vendor
- G&D Chiller

CONTACT US



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WHY USE ENERGY INNOVATIONS?

Over the last fifteen years, we've grown into a dynamic team, designing and delivering cutting-edge biogas processing systems and renewable energy projects. With over 90 successful projects under our belt, Energy Innovations stands as a testament to our commitment to reliability, efficiency, and the relentless pursuit of clean energy solutions for a sustainable future.

ABOUT US

Energy Innovations (EI) has been a pioneer in the Biogas Industry for over 15 years. Our commitment is to build systems that are efficient and effective. With design, electrical, automation, and fabrication departments in over a 20,000 sq ft facility, we create easy to install packages that can deploy anywhere, on any size project.

