



Making **natural gas accessible** and **easy to use** for locations **off the grid.**

No pipeline? No problem.

TRUXX



▲ TRUXX E-Series



▲ TRUXX G-Series

PREVIOUS

TRUXX Delivers Long-Term Value

TRUXX products provide long-term value by incorporating features that minimize your continuing operating expenses. Our systems are designed, manufactured, and pre-tested to expedite and simplify installation on your site. Installation only requires a concrete pad (for fixed locations) and a small electrical source to begin flowing gas.

TRUXX is a fully functional system that gives end users access to natural gas as quickly as possible with minimal downtime.

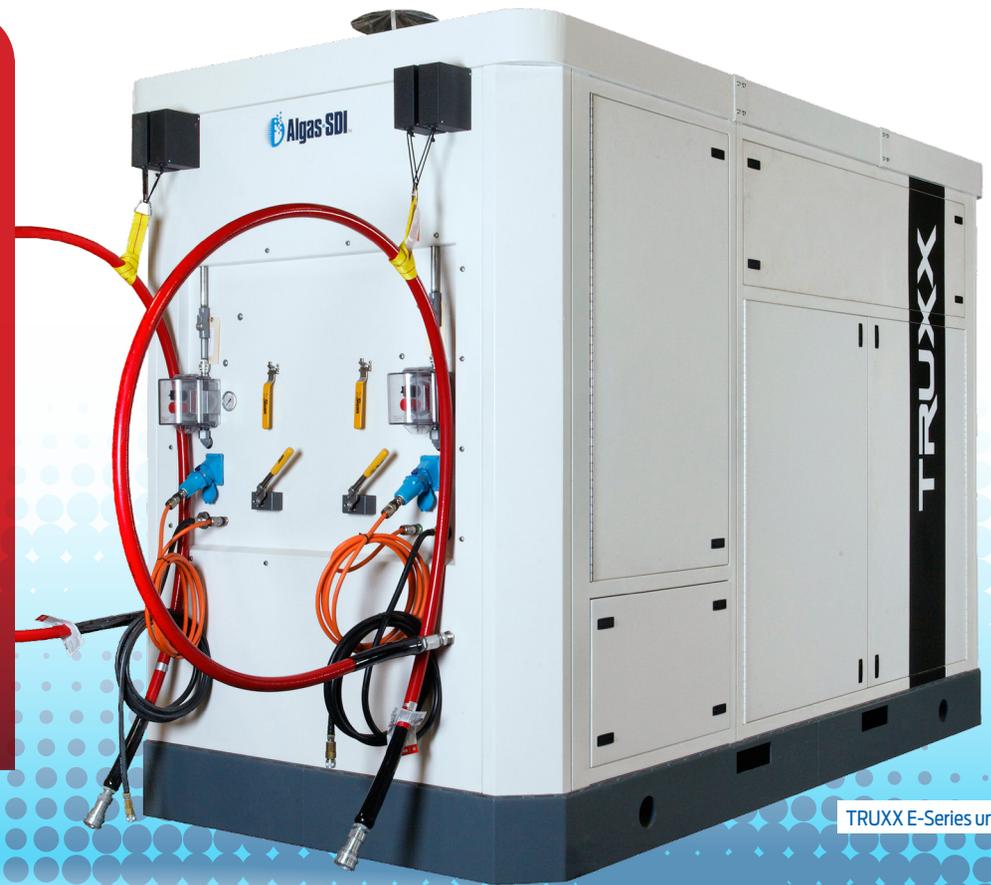
6 hrs

TRUXX portable designs enable natural gas to start flowing in less than 6 hours after arriving on site.

7 days

TRUXX fixed locations begin flow in 1 week.

TRUXX G-Series uses less than 1 kWh of electricity while other systems use as much as 6 kWh for lower flows.



TRUXX E-Series unit



Why TRUXX?

The TRUXX units offer an easy way to bring natural gas to commercial and industrial facilities, utilities, high-horsepower field-service companies, and others not connected to a pipeline.

Our systems address critical items for CNG suppliers, including:

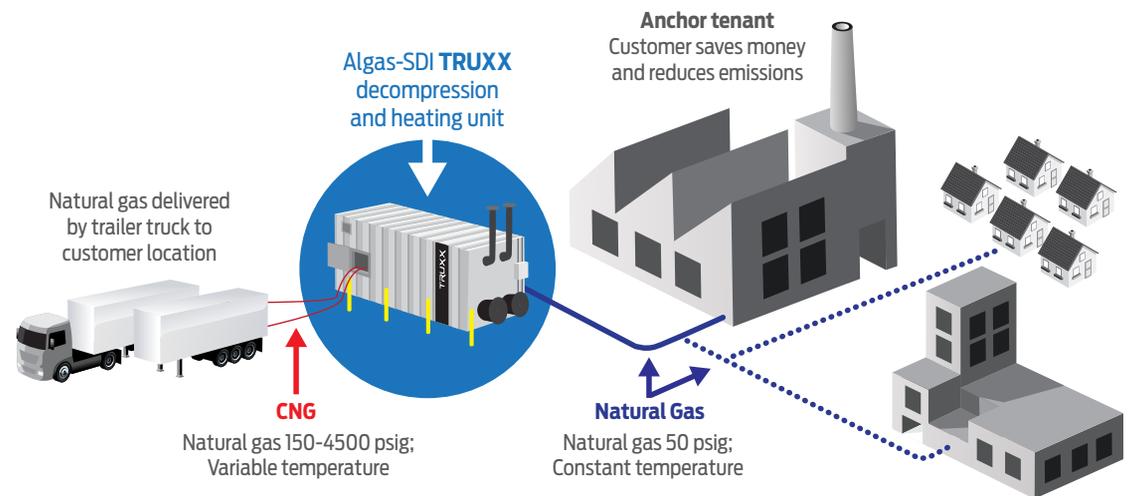
- ▶ **Low heel pressure**
- ▶ **Low inlet temperature**
- ▶ **Simple, reliable heat system**
- ▶ **Ease of maintenance**

Increased Reliability

TRUXX ensures reliability, which means a predictable and reliable track record through well-proven standardized designs. All TRUXX units are designed and manufactured by our trained professional staff.

Easy Maintenance

Tired of crossing pipes and wires? The TRUXX G-Series was designed to allow ample space to service equipment.



TRUXX Removes Complexities

High pressures? Low temperatures?
Variable flow rates?

We considered all these conditions when designing TRUXX.
As such, we removed potential obstacles that keep you
from doing your business — moving natural gas.

TRUXX: A Modular Approach

- ▶ Standardized design of TRUXX units enables short lead times.
- ▶ Modular heating system allows incremental sizes up to 9000 CFM.
- ▶ Two integral decanting posts to main unit reduce site installation costs.
- ▶ Our unique pressure control design allows for a reliable and stable discharge pressure.



TRUXX E-Series unit at customer site

TRUXX Heating Technologies

TRUXX is offered in three different heating technologies:

Electrical TRUXX E-Series

FIXED INSTALLATIONS

- Lowest maintenance requirement of any CNG systems
- Designed for automated or manual switchovers between trailers
- Small footprint (unit is 12' x 8')
- Quick start-up (at operating temperature in less than 4 minutes)
- 316 stainless steel heat exchanger
- Class I, Div. 1 explosion-proof design
- Modules available to 900 CFM

Gas-Fired TRUXX G-Series

PORTABLE & FIXED INSTALLATIONS

- Integrated high-pressure heater with no remote glycol loop
- Low power consumption for sites that have little power available
- Unit is built in 20' shipping container, allowing for easy chassis/trailer selection or concrete pad installation and keeping your assets mobile
- Simple-to-understand HMI so you can quickly understand what is happening with your system
- Designed for ease of maintenance
- Modules available to 1250 CFM

Waterbath TRUXX W-Series

PORTABLE & FIXED INSTALLATIONS

- Integrated high-pressure heater with no remote glycol loop
- Heating and decompression all on one skid for smaller installation footprint
- Dedicated control room to house all of your required subsystem
- Fully integrated controls reduce field integration and wiring
- Simple-to-understand HMI so you can quickly determine what is happening with your system
- Designed for ease of maintenance
- Modules available greater than 1500 CFM

TRUXX G-Series Decompression System

This is the easiest CNG system to install.

- ▶ Units available in multiple sizes to meet your capacity.
- ▶ Designed to operate in a Class I, Division 2 electrical classification area.
- ▶ Weights estimated at 11,000–12,500 lbs. depending on capacity. Unit can be moved on gooseneck trailer with heavy-duty pickup.
- ▶ PLC designed with Ethernet connection to allow CNG distributor remote access to process information and alarm conditions.
- ▶ Two integral trailer lanes eliminate all high-pressure field piping.
- ▶ Only requires single-phase electrical supply.
- ▶ System requires no compressed air.



TRUXX G-Series unit at customer site

TRUXX G-Series Decompression System

The TRUXX G-Series features an interior design that gives technicians ample space to work on the unit inside the container. Interior highlights include:

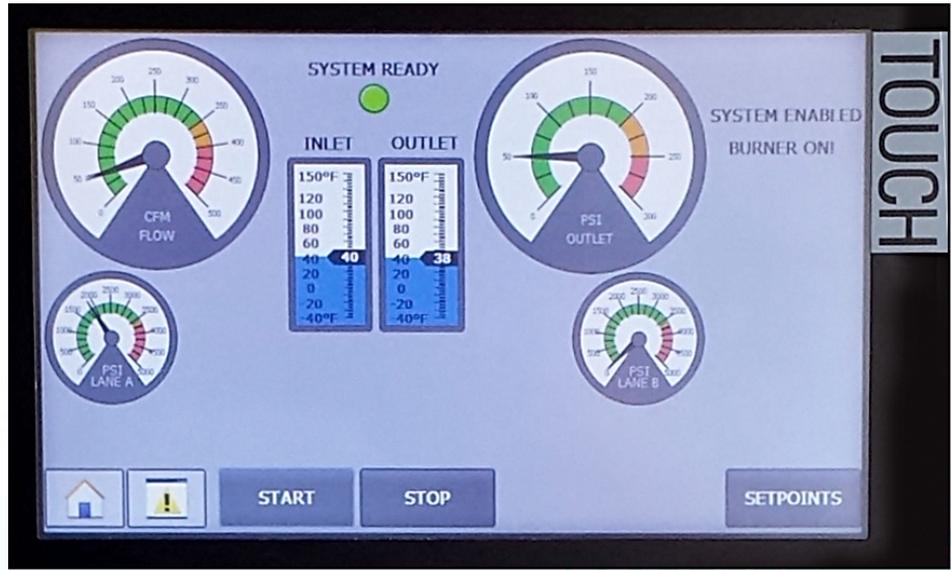
- ▶ -70°F (-57°C) inlet temperature ratings allow use of type IV trailers in cold climates.
- ▶ All components prior to first-stage regulators rated to 4500 psig/310 bar (highest CNG trailer pressure available).
- ▶ Automatic lane switching allows unmanned operation.
- ▶ Division 2 natural gas heater requires less than 50 gallons of glycol.
- ▶ Outlet temperature control responds quickly to load changes and trailer switches.

- ▶ System pressure remains stable when load changes without relief valves opening.
- ▶ Rugged first-stage pressure reduction eliminates costly seat wear.
- ▶ System comes standard with Coriolis flow meter. These meters have high turndown, no moving parts, and are resilient to dirty gas.
- ▶ Interlocks such as ESD, high LEL, over pressure, and low temperature are all actively monitored. Safety is always our first priority.



TRUXX G-Series Decompression System

▼ The TRUXX G-Series emphasizes simplicity in installation, operation, and maintenance. The unit's user interface (located inside the unit) is intuitive and easy to understand.



▼ Inlet side of TRUXX 75 G-Series with two integrated fill posts.



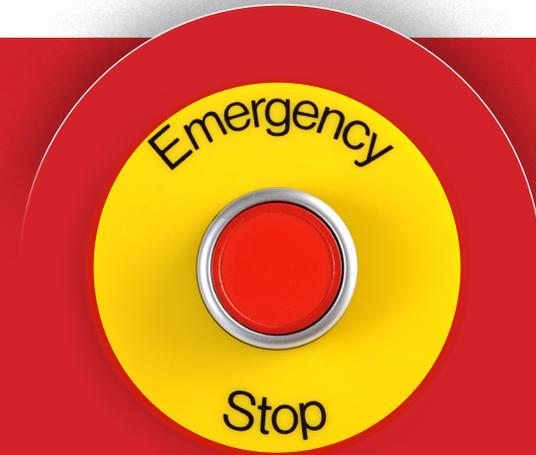
▼ Discharge side of TRUXX 75 G-Series with convenient flanged outlet.



TRUXX: Safety Is Our Priority

Algas-SDI believes safety is core to CNG. Our TRUXX systems are equipped with proper safety features:

- ▶ All piping inside TRUXX skids are over-pressure protected.
- ▶ High-pressure piping and valves are rated for 4500 psig and temperatures of less than -70°F, the industry's low-temp leader.
- ▶ Reliable electrical and instrumentation controls used on all TRUXX systems.
- ▶ Actuated valves on each fill connection are programmed to close in the event of emergencies or by remote access from centralized operation center.
- ▶ SIL Level 2 emergency shutdown circuitry ensures emergencies are handled separately from normal operations.
- ▶ Optional positive ground and authorization switches ensure operator has performed necessary steps to connect trailer.
- ▶ Redundant pressure control valves are available for safety and reliability.



Backup Fuel Systems

In addition to decompression equipment, Algas-SDI also builds LPG vaporizers and LPG/air mixing equipment. This backup system ensures you always will be able to deliver BTUs to your end-user.

LPG/air is an ideal backup fuel because it behaves identically to natural gas. It flows through the same pipe, the same regulators, and the same NG burners. An LPG/air mixing system from Algas-SDI provides security of supply with fuel on site and complements the TRUXX package for critical applications in which the customer cannot accommodate any NG interruptions.



LPG backup system

The Algas-SDI Advantage

Algas-SDI is the world's leading provider of equipment for the standby and transportable fuels business for the last 80 years. We take pride in creating high-quality engineering design and packaged systems, with distribution to more than 87 countries worldwide. Equipped with an experienced in-house engineering and design team, Algas-SDI ensures quality control with ISO 9001 certification and offers the requisite code compliance.

Algas-SDI. We make transportable fuels easy to use.

Contact us to learn more about **TRUXX** and how to see a unit in action.



151 S. Michigan | Seattle, WA USA 98108

P 206-789-5410 | F 206-789-5414

sales@algas-sdi.com

