

Liquid to gas mobile cart

To handle SF₆-free eco-friendly dielectric gas mixture

Change to **clean insulation** technology while **maintaining familiar operational practices**



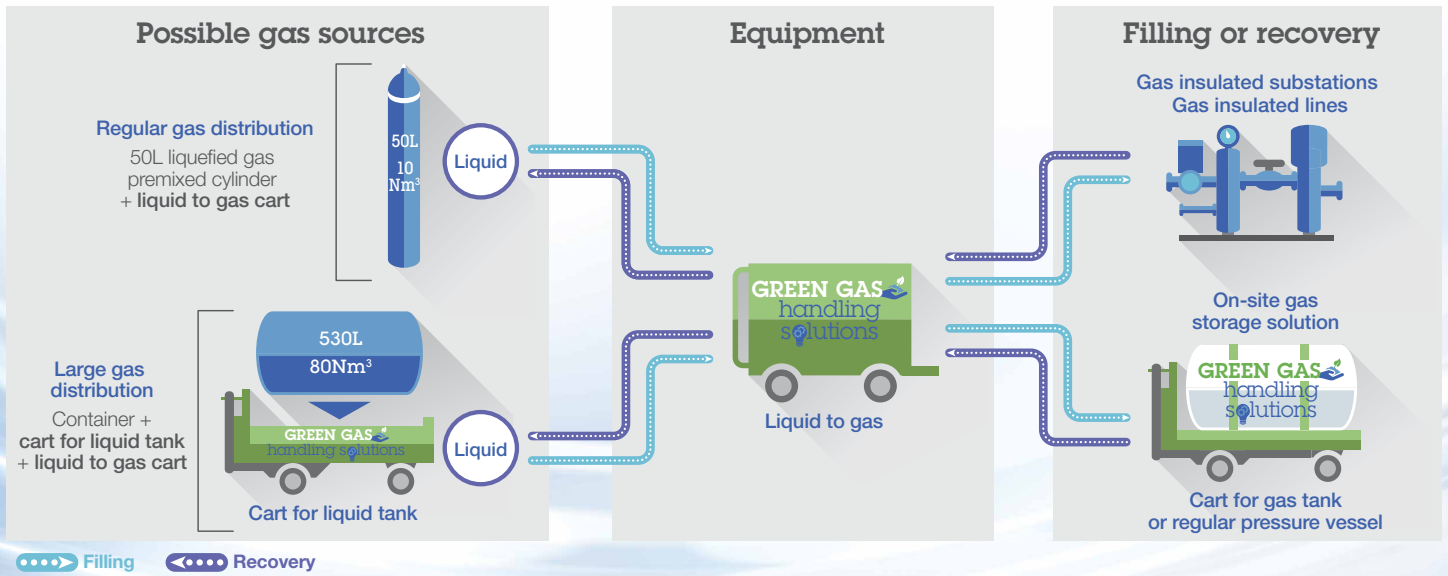
- ✓ **Fully automatic** operations reduce operator time for mixture **homogenization** and **recovery** or **filling** functions,
- ✓ **High flowrate** and **large dielectric volume** management improve **efficiency** and **productivity**,
- ✓ Cart proven and **qualified** by OEM* and TSO**.

Liquid to gas mobile cart, the most efficient gas cart to handle SF₆-free mixtures.

* Original Equipment Manufacturer

** Transmission System Operator

Air Liquide's liquid to gas mobile gas cart allows you to **fill** and **recover** gas-insulated high voltage compartments with **SF₆-free mixtures automatically and efficiently**. Dielectric mixtures are contained in **regular cylinders or large tanks**, in **gaseous or liquefied** states. Our **patented low-temperature heating** provides **high flowrate filling** and **improved productivity**.



Technical characteristics

- | | | |
|--|---------------------------|--|
| • Filling flow rate: | 12 m³/h | • Compatible gas mixtures: 3M™ Novec™ 4710 or Novec™ 5110 / O ₂ / CO ₂ |
| • Heating & emptying a 50 L cylinder: | 1 hour @ 20°C | • Equipment handling: wheels (pneumatic in the outdoor version), axle with pivoting drawbar, towing hook, park break, forklift pockets, 4 lifting hooks |
| • Ambient temperature of service: | 0°C to 40°C | • Electrical utilities: 50 Hz – 400 VAC 3 phases + neutral + ground – 32 A |
| • Optional outdoor version: | -20°C to 50°C | • HMI (Human Machine Interface): fully automatic and ergonomic through a 12" touch screen |
| • GIS max filling pressure: | 10 barg | • Certification: CE, overall IP33, electrical part IP64 |
| • Storage tank max filling pressure: | 20 barg | |
| • Residual gas in the gas source: | 1 barg | |
| • Vacuum after recovery: | 1 mbar abs. | |
| • Dimensions (L x W x H): | 1.5m x 1.3m x 2m | |
| • Weight: | < 1,650kg | |

Related services

- Technical assistance
- Preventive and curative maintenance
- Spare parts
- Training



Contacts

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