

Liquid to gas mobile cart

To handle non-SF₆ eco-friendly dielectric gas mixture

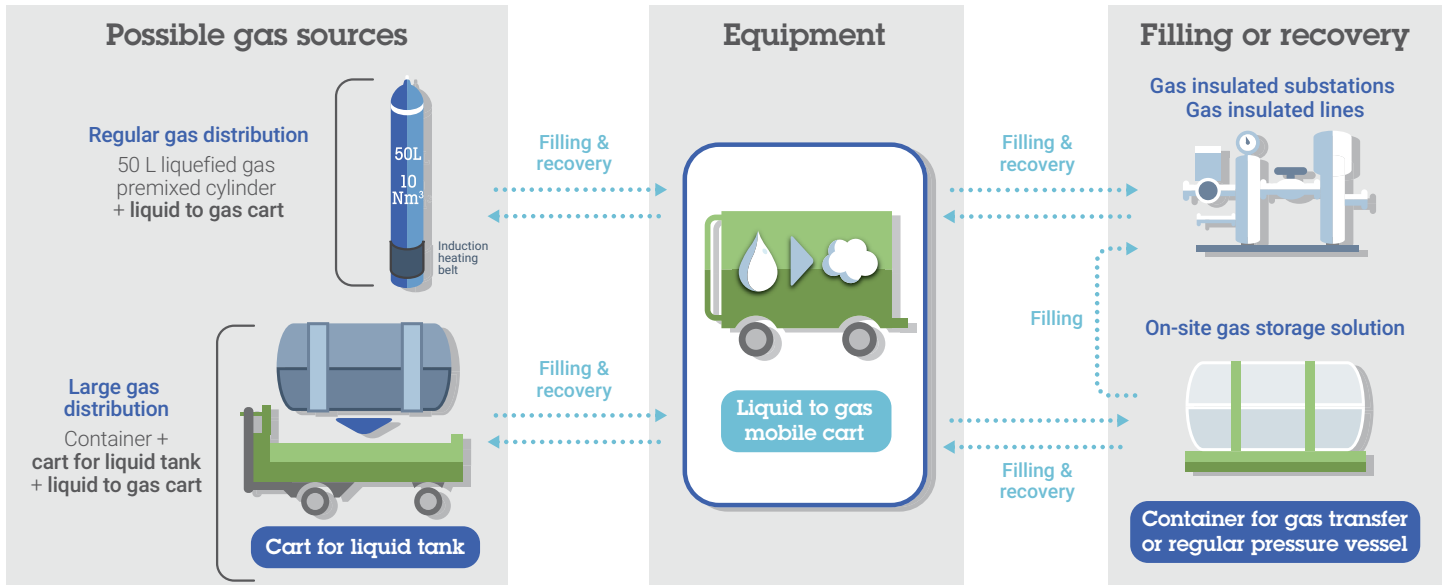
Change to **clean insulation** technology while **maintaining familiar operational practices**



- ✓ **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 non-SF₆ mixtures

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



Technical characteristics

- **Filling flow rate:** 12 m³/h
- **Heating & emptying a 50 L cylinder:** 1 hour @ 20°C
- Ambient temperature of service: 0°C to 40°C
- Optional outdoor version: -20°C to 50°C
- GIS max filling pressure: 10 barg
- 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): 1.5 m x 1.3 m x 2 m
- Weight: < 1,650 kg

- Compatible gas mixtures: 3M™ Novec™ 4710 or Novec™ 5110 / O₂ / CO₂
- Equipment handling: wheels (pneumatic in the outdoor version), axle with pivoting drawbar, towing hook, park break, forklift pockets, 4 lifting hooks
- Electrical utilities: 50 Hz – 400 VAC 3 phases + neutral + ground – 32 A
- HMI (Human Machine Interface): fully automatic and ergonomic through a 12" touch screen
- Certification: CE, overall IP33, electrical part IP64

Related services

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



Contacts

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 **Air Liquide**

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