

Blending to gas mobile cart

To mix on-site each eco-friendly SF₆-free dielectric gas mixtures

Enables **easy transition** to a **clean insulation** technology

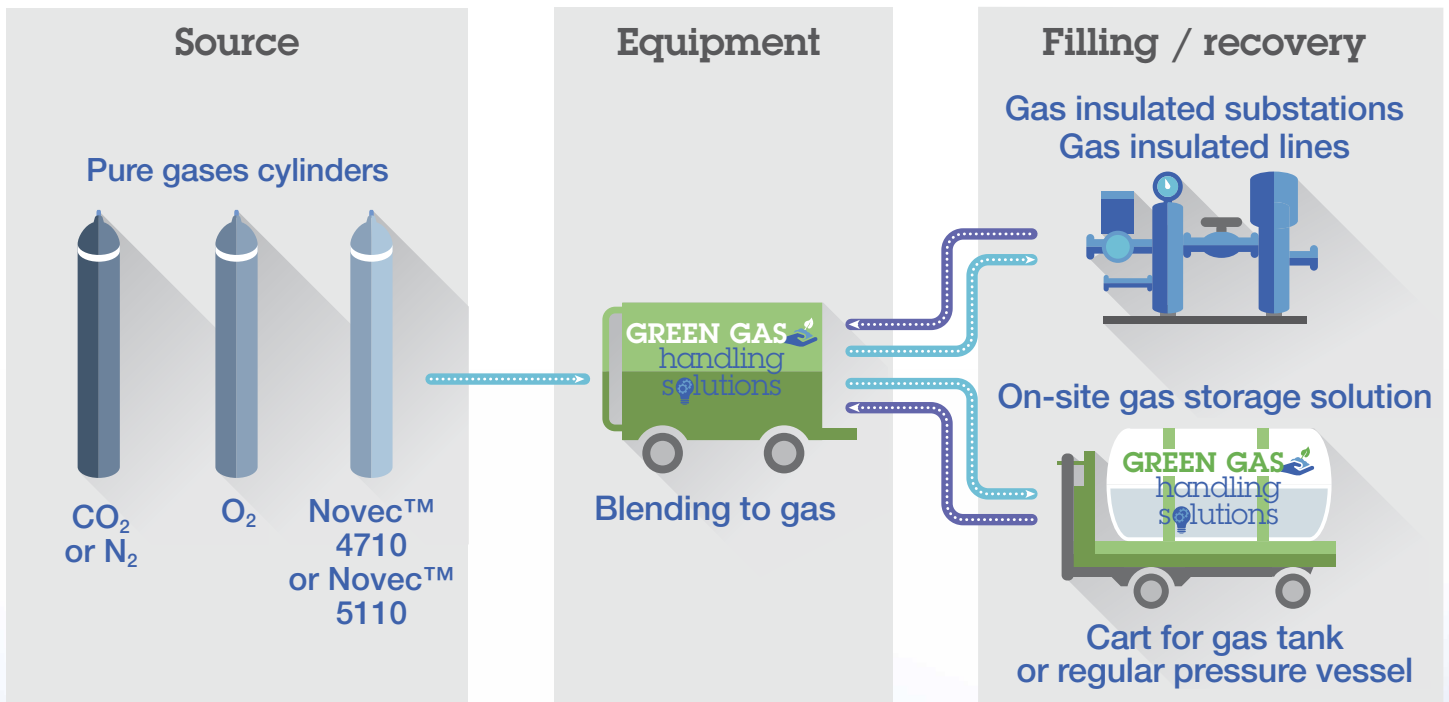


- ✓ Fully automatic operations reduce operator time for mixture homogenization and recovery or filling functions.
- ✓ Precise mixing of up to 3 gases allows flexible customized mixtures while providing consistently accurate mixture concentrations.
- ✓ High flowrate and large dielectric volume management improve efficiency and productivity.

Blending to gas mobile cart - the answer for each of your SF₆-free insulation needs.

Air Liquide's blending to gas mobile cart allows you to **blend automatically** and **efficiently** your own **SF₆-free mixture** from 2 or 3 different **pure gases** from regular cylinders. For maintenance needs, it can also **recover** these mixtures from the gas-insulated high voltage compartments. Our patented **low-temperature heating** provides **high flowrate** filling and improved productivity.

Gas insulation process



Technical characteristics

- **Filling flow rate:** 12 m³/h
- Ambient temperature of service: -5°C to 50°C
- Storage temperature: -20°C to 50°C
- GIS max filling pressure: 11 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): 2.6 m x 1.3 m x 2 m
- Weight: 1,500 kg
- Compatible gases: 3M™ Novec™ 4710, Novec™ 5110, O₂, CO₂, N₂
- **Mixture concentrations accuracy: 3% relative**
- Equipment handling: pneumatic wheels, 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 IP54

Related services

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



Contacts

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