

# Blending-to-gas mobile cart

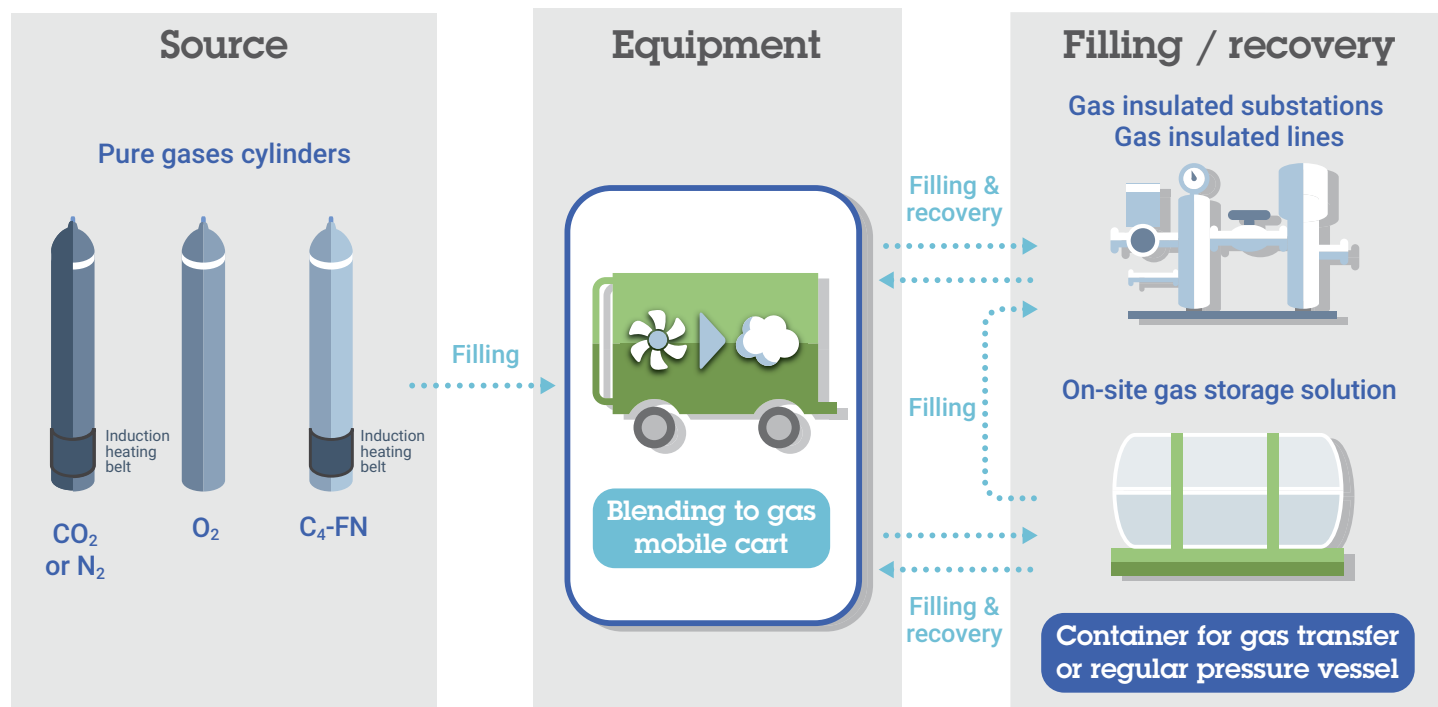
For easy transition to clean insulation technology

On-site **mixing of eco-friendly non-SF<sub>6</sub> dielectric gas mixtures**



- ✓ 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

Air Liquide's blending-to-gas mobile cart is a safe and reliable solution to **blend automatically and efficiently** your **own non-SF<sub>6</sub> mixture** from 2 to 3 different **pure gases** from regular cylinders. It provides high flowrate filling and improved productivity via proven low-temperature heating. Finally, during maintenance, it also enables the **recovery of mixtures** from gas insulated high voltage compartments.



## Technical characteristics

- **Filling flow rate:** 12 m<sup>3</sup>/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):** 2.95 m x 1.36 m x 2 m
- **Weight:** 1,500 kg
- **Compatible gases:** fluoronitrile C<sub>4</sub>F<sub>7</sub>N (C<sub>4</sub>-FN), O<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>
- **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 V 3 phases + neutral + ground – 32 A or multi-network option: 50 Hz/60 Hz, 400 V/480 V 3 phases + neutral + ground
- **Human Machine Interface (HMI):** fully automatic and ergonomic through a 12" touch screen
- **Certifications:** CE, overall IP33, Electrical part IP54



## Related services

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



### Contact us

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