PRODUCT DATASHEET

Breathing-Air Safety Trailer for H_2S Work

Mobile cylinder banks and airline manifolds for crews in sour-gas areas

Product page





Close-up: regulator panel and airline manifold

OVERVIEW

The Tech Inc. Breathing-Air Safety Trailer for H_2S Work brings breathing air to crews working where hydrogen sulphide can be released: well sites, sour-gas plants, refineries and tank cleaning. The trailer carries 300-bar cylinder banks, a regulator panel that feeds several airline manifolds, low-pressure alarms and stowage for masks, hoses and escape sets, and it can be refilled on site by a compressor.

TYPICAL DESIGN DATA

Storage	50 L, 300-bar cylinders in banks
Supply	Regulated airline pressure to the mask maker's rating
Air quality	To EN 12021
Codes and standards	Air quality to EN 12021; pressure equipment to ASME B31.3 practice; trailer to local road rules
Alarms	Low-pressure audible and visual alarms on the supply
Changeover	Automatic bank changeover without interrupting supply
Trailer	Road trailer to local rules, with brakes, lights and stabilisers

MODELS AND CAPACITIES

- **TI-HST-6** – six cylinders, up to four workers
- **TI-HST-18** – eighteen cylinders, up to twelve workers
- **TI-HST-12** – twelve cylinders, up to eight workers
- **TI-HST-C** – trailer with breathing-air compressor

Indicative cylinder banks and number of workers supplied.

ORDERING CODE

Example **TI-HST-12-T-C**: **12** number of 50 L cylinders; **T** carrier: T trailer, S skid, K cart; **C** options: C compressor, L lighting mast, D H_2S detection.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: breathing-air compressor; H_2S and gas detection; lighting mast; escape sets and masks; spare cylinder bank for swap-out.

KEY ADVANTAGES

- **Uninterrupted** – automatic bank changeover
- **Warned in time** – low-pressure alarms
- **Many workers** – several airline manifolds
- **Rental-ready** – tough trailer build

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