

Mobile Nitrogen Charging Cart

This mobile nitrogen charging cart is designed for filling and pressurizing systems with nitrogen gas. It features a robust frame with integrated handles and wheels for easy maneuverability.



ADDITIONAL IMAGES



Product Overview

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The Mobile Nitrogen Charging Cart, also known as a nitrogen-filling vehicle, is specialized industrial equipment designed to fill and boost nitrogen pressure in high-pressure vessels. It is compatible with hydraulic bladder, capsule, piston, and diaphragm accumulators. This system provides a robust solution for environments requiring pre-charged nitrogen pressures that exceed the standard 13.5Mpa limit of direct cylinder filling, reaching up to 42Mpa.

Technical Performance

Maximum Charging Pressure	42 Mpa
Standard Direct Fill Limit	13.5 Mpa

System Components

Key Features

- Electric contact pressure gauge for automatic shut-off
- Two-way supercharger
- Pilot selector valve control
- Mobile cart design with wheels and handles

Core Systems

Hydraulic System, Gas Circuit, Electrical Circuit

Applications

Typical Applications

Accumulator Charging • Pressure Testing • Pneumatic System Maintenance