

High-Pressure Air Filling Equipment

Portable 150 Bar Air Pressure Filling System

Trolley-Mounted, On-Site Cylinder Filling System

A self-contained, mobile high-pressure compressor engineered to deliver dependable cylinder filling wherever the work takes you.

Powered by a 3.3 kW single-phase electric motor, the system builds pressure up to 150 bar at a rated flow of 4 LPM, running directly from a standard single-phase supply with no three-phase installation required.

All operating functions are grouped on a single brushed-metal control deck: a precision pressure adjustment valve, an easy-to-read pressure gauge, a power switch with LED status indication and a dedicated on/off button. Behind the controls, an integrated protection system stops the motor automatically on overload or once filling pressure is reached, while an adjustable relief valve provides independent protection against over-pressurisation.

Mounted on a robust wheeled frame with a 100 ft cable reel, the unit moves easily between workshop, service bay and job site.



Rated performance

Standard configuration

150 Bar

Maximum Filling Pressure
(approx. 2,175 psi)

4 LPM

Rated Flow
(litres per minute)

3.3 kW

Electric Drive Motor,
single-phase supply

100 ft

Integrated Cable Reel
(approx. 30 m reach)

Triple Safety Protection

Overload Cut-Off

Automatically shuts down the motor when an overload condition is detected.

Full-Pressure Cut-Off

Stops compression automatically as soon as filling pressure is reached.

Adjustable Relief Valve

Vents excess pressure at an adjustable limit as an independent safeguard.

Key features

High-Pressure Performance

- **150 bar filling pressure** for compressed-air cylinders, receivers and pneumatic test applications.
- **4 LPM rated flow** ensures a steady, controlled fill rate for accurate results.
- **3.3 kW electric motor** provides reliable high-pressure output with zero exhaust emissions, suitable for indoor use.

Integrated Safety System

- **Automatic overload cut-off** protects the motor and compressor from damage.
- **Automatic full-pressure cut-off** prevents over-filling by stopping the unit at target pressure.
- **Adjustable pressure safety/relief valve** offers independent mechanical protection against over-pressurisation.

Precise Operator Control

- **Pressure adjustment valve** for fine regulation of output pressure to suit each cylinder or task.
- **Dedicated on/off button** for immediate start and stop of the compression cycle.
- **Display panel** with power switch, power LED indicator and pressure gauge for real-time monitoring.

Built For Mobility

- **100 ft (approx. 30 m) wire reel** allows operation well away from the power outlet.
- **Rugged wheeled trolley frame** with large rear wheels and swivel castors for effortless positioning.
- **Self-contained design** integrates motor, compressor, controls and cable in one compact unit.

Technical Specifications	
Filling Pressure	150 bar (approx. 2,175 psi)
Rated Flow	4 LPM
Power Motor	3.3 kW, single-phase electric
Wire Reel	100 ft (approx. 30 m)
Controls	Pressure adjustment valve; On/Off button
Display Panel	Power switch; power LED; pressure gauge
Safety	Auto cut-off on overload; auto cut-off when pressure is filled; adjustable pressure safety/relief valve
Configuration	Portable, trolley-mounted unit

Typical Applications

- Filling compressed-air cylinders and pressure receivers up to 150 bar
- Pneumatic pressure and leak testing of hoses, valves, fittings and components
- Maintenance workshops and mobile field-service operations
- Industrial plants, laboratories and technical service centres

Why choose this system

Fill on site, not off site

Bring the compressor to the cylinder instead of sending cylinders away, reducing downtime, transport and handling costs.

Consistent, repeatable fills

Adjustable pressure control and automatic full-pressure cut-off deliver the same result every time, without guesswork.

Runs on standard power

Single-phase operation removes the need for three-phase wiring or a generator; connect to any suitably rated outlet.

Quick to learn, easy to use

A clear, logically arranged control deck with live pressure and power indication shortens training time.

Safety that works automatically

Three independent protection levels safeguard the operator, the cylinder and the machine during every cycle.

Lower running costs

Overload protection guards the motor against damage, while the electric drive eliminates fuel costs and exhaust emissions.

Specifications are subject to change without prior notice as part of continuous product development. Always operate in accordance with the operating manual and applicable pressure-equipment safety regulations.