



Hobbyweld Helium Plus (Medium) Cylinder

The Hobbyweld Helium Plus (Medium) cylinder is a medium-capacity, rent-free gas solution containing 99.996% high-purity helium. Designed for professional and higher-volume balloon inflation, it provides reliable lift and consistent performance for weddings, corporate events, retail displays, festivals and large celebration setups. With approximately 3.61 m³ of helium at 200 bar, the Plus cylinder delivers substantially more runtime than the Original size while remaining manageable for event companies, florists, decorators and venues without ongoing cylinder rental costs.



Technical Specifications

Product Name: Hobbyweld Helium Plus (Medium) Cylinder

Gas Type: High-purity compressed helium

Gas Purity: 99.996% Helium (Grade 4.6)

Capacity: Plus (Medium) - 20 litre class cylinder

Gas Volume: Approx. 3.61 m³

UN Number: UN 1046 - Helium, compressed

Hazard Class: Class 2.2 - Non-Flammable Gas

Cylinder Material: Steel cylinder

Valve Type: BS3 gas outlet

Dimensions: Approx. height: 950 mm; Diameter: 200 mm

Total Weight: Approx. 32 kg

Pressure at 15°C: Approx. 200 bar

Connection: Standard Inert Gas Regulator

Certification: Manufactured and filled to applicable UK gas-cylinder standards

Key Features

High-Purity Helium: 99.996% helium provides reliable, consistent balloon lift.

Higher Capacity: The Plus cylinder offers substantially more gas than the Original size.

Professional Performance: Suitable for frequent and high-volume balloon inflation.

Non-Flammable Gas: Helium is inert and non-flammable, although it can displace oxygen.

Rent-Free System: One-off refundable deposit with refill-as-needed exchange convenience.

Applications

Balloon Inflation: Suitable for latex and foil balloons when used with compatible filling equipment.

Events & Celebrations: Ideal for weddings, parties, festivals, exhibitions and corporate functions.

Professional Decoration: Suitable for florists, balloon decorators, event companies and retail displays.

High-Volume Use: Designed for balloon arches, centrepieces, decorative structures and inflation stations.





Handling and Storage

Store upright in a cool, dry and well-ventilated area.

Secure the cylinder during storage, use and transport to prevent it falling or rolling.

Keep away from heat, direct sunlight and sources of physical damage.

Keep the valve closed when not in use and fit only compatible regulators or balloon-filling equipment.

Safety Precautions

Helium is non-flammable, but the cylinder contains gas under high pressure.

Never inhale helium. It can displace oxygen and may cause dizziness, unconsciousness, serious injury or death.

Do not use cylinders that are damaged, leaking, heavily corroded or have a defective valve.

Open the valve slowly and check all regulator and hose connections for leaks before use.

Use only in a well-ventilated location. Safety Data Sheet (SDS) available on request.

Regulatory Compliance

The Hobbyweld Helium cylinder is manufactured, filled and tested in accordance with applicable UK compressed-gas, pressure-cylinder and dangerous-goods requirements.

Users must follow relevant workplace safety, transport and storage regulations, together with the cylinder owner's instructions. Use only approved BS3-compatible helium or balloon-inflation equipment.

Environmental Impact

Helium is an inert gas and does not produce combustion emissions or directly contribute to greenhouse-gas emissions during use. However, helium is a finite resource and unnecessary release should be avoided. The refillable exchange cylinder supports repeated reuse and reduces waste compared with disposable canisters.

Return empty cylinders through the authorised exchange network for inspection and refilling.

Product Life Cycle and Maintenance

Expected Life Span: Determined by cylinder condition and statutory testing

Inspection Frequency: Visual check before each use; periodic testing by the cylinder owner

Maintenance: Store correctly, keep dry and protect from impact damage

End of Life: Return through the authorised supplier exchange system





Instructions for Use

1. Connect a compatible BS3 helium regulator or balloon-filling valve to the cylinder outlet.
2. Secure the cylinder upright and check the regulator, hose and filling nozzle for damage.
3. Open the cylinder valve slowly and check all connections for leaks.
4. Inflate balloons carefully in accordance with the balloon and regulator manufacturer's instructions; do not overinflate.
5. Close the cylinder valve after use, release downstream pressure where appropriate and store the cylinder securely upright.

Ordering and Exchange Information

Available through a rent-free cylinder system with a refundable deposit and pay-as-you-go refills. The Plus (Medium) cylinder is suited to professional users and higher-volume events that require more runtime than the Original size.

Empty Hobbyweld cylinders can be exchanged for a full equivalent cylinder through an authorised distributor.

Available for in-store collection and exchange from Fix and Weld.

Frequently Asked Questions (FAQs)

Q: What is Hobbyweld Helium Plus used for?

A: It is primarily intended for higher-volume inflation of latex and foil balloons for events, professional displays and retail use.

Q: Can helium be inhaled?

A: No. Inhaling helium is dangerous because it displaces oxygen and can cause unconsciousness, serious injury or death.

Q: What regulator do I need?

A: Use a suitable helium or balloon-inflation regulator compatible with the cylinder's BS3 outlet connection and working pressure.

Q: How many balloons will the cylinder inflate?

A: The quantity varies with balloon size, type and fill level. Larger balloons consume substantially more helium, so use the balloon supplier's calculation guidance.

Q: Is the cylinder refillable?

A: Yes. It is supplied through a rent-free exchange system; return the empty cylinder to an authorised distributor for a full replacement.

Contact Information

For product enquiries, safety advice, or technical support, please contact Fix and Weld on Tel. 01453 756393 or sales@fixandweld.com

Legal Disclaimer

This datasheet is intended for guidance only. Users must comply with industrial gas regulations and manufacturer instructions.

