



# Hobbyweld 15 Plus (Medium) Cylinder

## High Penetration MIG Welding Gas for Thicker Mild Steel

UN 1956 • Class 2.2 (Non-Flammable Gas)

## Product Overview

The Hobbyweld 15 Plus Cylinder is a medium capacity, rent free welding gas containing a high performance blend of 83% Argon, 15% Carbon Dioxide, and 2% Oxygen. This mix is designed specifically for MIG welding thicker mild steel, offering strong penetration, stable arc behaviour and excellent weld quality.

The Plus (Medium) size provides double the capacity of the Original cylinder while still being easy to handle ideal for fabricators, vehicle workshops, engineering shops, agricultural repair and serious hobby welders.

## Gas Blend & Welding Performance

- **Gas Composition:**
  - 83% Argon
  - 15% Carbon Dioxide
  - 2% Oxygen
- **Performance Highlights:**
  - Stronger penetration for medium-thick mild steel
  - Reduced spatter and improved arc control
  - Cleaner, stronger welds with a better bead profile
  - Ideal for fabrication, engineering and structural steel work

## Cylinder Specifications

| Specification            | Details                                 |
|--------------------------|---|
| <b>Cylinder Type</b>     | Rent free steel cylinder                |
| <b>Size / Capacity</b>   | Plus (Medium) – approx. 20L             |
| <b>Height</b>            | 1,100 mm                                |
| <b>Diameter</b>          | 175 mm                                  |
| <b>Gas Volume</b>        | Approx. 4 m <sup>3</sup> at 200 bar     |
| <b>Outlet Connection</b> | BS3 (Argon type MIG regulator fitting)  |
| <b>Classification</b>    | UN 1956 • Class 2.2 (Non Flammable Gas) |





## Ideal Applications

- MIG welding medium & thick mild steel
- Fabrication workshops
- Automotive repair (chassis, brackets, frames)
- Agricultural & machinery repair
- Engineering & structural steel work
- Mobile welding operations

## Key Benefits

- Excellent performance on thicker sections of mild steel
- Produces clean, high quality welds with low spatter
- Stable arc for precise weld control
- Rent free system one off deposit + pay as you go refills
- Larger cylinder longer usage between refills
- Cost effective alternative to rental welding gases

## Safety & Compliance

- UN 1956 • Class 2.2 non-flammable compressed gas
- Manufactured to UK pressure vessel and industrial gas standards
- SDS (Safety Data Sheet) available
- Store upright in a cool, ventilated location
- Secure cylinder during use and transport

## Usage Notes

- Use with a compatible Argon type MIG regulator (BS3 fitting)
- Recommended flow rate: 10–16 L/min
- Suitable for indoor or sheltered welding environments

## Ordering & Refills

- Available for in store exchange at Fix and Weld
- No ongoing rental fees
- Ideal upgrade for users who require more runtime than the Original cylinder

