

Hobbyweld 15 Ultra (Large) Cylinder

High Penetration MIG Welding Gas for Heavy & Structural Mild Steel

UN 1956 • Class 2.2 (Non-Flammable Gas)

Product Overview

The Hobbyweld 15 Ultra Cylinder is the largest, highest capacity cylinder in the Hobbyweld 15 range. It contains a premium blend of 83% Argon, 15% Carbon Dioxide and 2% Oxygen, formulated specifically for MIG welding thicker mild steel where strong penetration and excellent arc stability are essential.

Designed for fabrication workshops, engineering facilities, agricultural repair, automotive fabrication, machinery welding and high volume production environments, the Ultra size offers longest runtime, making it ideal for professional users who need sustained performance without expensive rental contracts.

Gas Blend & Welding Performance

- **Gas Composition:**
 - 83% Argon
 - 15% Carbon Dioxide
 - 2% Oxygen
- **Performance Advantages:**
 - Strong weld penetration for thicker steel and structural sections
 - Excellent arc stability with low spatter
 - Clean, smooth bead profile with reduced post weld cleanup
 - Ideal for heavy fabrication, machinery repairs, and high strength welds

Cylinder Specifications

Specification	Details
Cylinder Type	Rent free steel cylinder
Size / Capacity	Ultra (Large)
Height	1,400 mm
Diameter	200 mm
Gas Volume	Approx. 8 m ³ at 200 bar
Outlet Connection	BS3 (Argon type MIG regulator thread)
Classification	UN 1956 • Class 2.2 (Non-Flammable Gas)



Ideal Applications

- MIG welding **medium to thick mild steel**, including structural work
- Fabrication and engineering workshops
- Heavy automotive and chassis repair
- Agricultural and plant machinery repair
- Production welding and continuous use environments
- Mobile welding units requiring maximum runtime

Key Benefits

- Longest runtime of all Hobbyweld 15 cylinders
- Delivers stronger weld penetration for heavy gauge steel
- Produces cleaner, stronger welds with reduced spatter
- Excellent arc control for professional quality results
- Rent free model: one off deposit + pay as you go refills
- Highly cost effective alternative to traditional rental welding gases
- Reliable performance for high demand industrial environments

Safety & Compliance

- UN 1956 • Class 2.2 (Non-Flammable Gas)
- Fully compliant with UK safety & pressure vessel regulations
- Supplied filled and tested by approved accredited facilities
- SDS (Safety Data Sheet) available on request
- Store upright in a cool, well-ventilated area and secure when in use or transit

Usage Notes

- Use with an argon type MIG welding regulator (BS3 fitting)
- Recommended flow rate: 10–18 L/min depending on material thickness
- Best suited to indoor or sheltered welding environments

Ordering & Refills

- Available through in store exchange at Fix and Weld
- No ongoing rental fees
- Ideal for professionals needing the maximum gas volume and value

