



Orbital Welding Bug

Orbibug Serie



OrbitalService presents the Orbibug, our advanced Orbital Welding Bug and Band System.

This high-precision TIG welding carriage is mounted on a guide ring and travels seamlessly around the pipe, ensuring consistent, high-quality welds on large-diameter piping.

A VERSATILE WELDING SYSTEM

- **Compact and Lightweight:** Weighs only 15 kg (33 lbs) for easy handling and setup
- **Integrated Arc Voltage Control:** Includes a 25 mm (1") stroke range (+/-12.5 mm or +/- 0.5") for precise arc positioning
- **Built-in Oscillation System:** Offers a 25 mm (1") oscillation stroke for improved weld coverage
- **Integrated Wire Feeder:** Manual adjustment on three axes (X, Y, Z) for flexible positioning
- **Compatible with Multiple Wire Spools:** Supports both 1 kg (2.2 lbs) and 5 kg (11 lbs) spools
- **Quick-Release Mechanism:** Manual lock/unlock system for fast repositioning of the welding head
- **Water-Cooled Hose Package:** 4-meter (13-foot) hose with integrated 90° square automatic TIG torch



PERFECT FOR BIG DIMENSIONS

Each pipe diameter requires its own ring.

- Minimum pipe outer diameter: 200 mm (7.87")
- Maximum pipe outer diameter: 1219 mm (48")

