



Affordable, Easy-to-Use Orbital Welding Equipment
 ORBITEC™ high quality orbital welding equipment offers ease of use and unique features to maximize productivity.



Linde provides high quality orbital welding equipment that is focused on the practical needs of our customers. The ORBITEC™ line of equipment is safe and easy to use with a modular design where possible to maximize productivity and help reduce costs. Linde’s ORBITEC orbital tube welding is not only economical but offers unique features such as data acquisition, oxygen analysis and pressure control interlock.

Orbital TIG Welding System

High quality and reasonably priced, the Orbital TIG Welding system may be used for sanitary tubing, process piping, tube to tube sheet exchangers and circumferential welds on precision parts.

ORBITEC™ Tigtronic Welding Power Source

The ORBITEC Tigtronic Welding Power Source offers excellent arc characteristic that allows for welding between 1 and 150 amps when powered by 115VAC input power and is capable of 200 amps output when powered by 230VAC single phase input power.



ORBITEC Tigtronic Control

With interlocking capability, the ORBITEC Tigtronic Control’s oxygen analyzer and purge pressure monitor helps ensure the required result each time you weld. Coupled with password-level operation, the Tigtronic provides weld quality reports in both paper and electronic format that include date and time stamp, as well as operator sign-in detail.



ORBITEC™ OSK Line of Closed Weld Heads

Modular in design, the ORBITEC™ OSK line of closed weld heads includes motors with direct gearing and encoder monitoring of position to provide high travel speeds and location control. The closed heads can be removed from the drive handle to allow more flexibility in your operation.

Cable/Drive-Handle Assemblies

Linde not only provides ORBITEC power supply/control combinations but also a number of attractive orbital welding power source/control combinations.

Welding Collets

Installed in seconds rather than minutes, ORBITEC's welding collets are a result of the simple design of this weld head.



Oxy3, Oxy2 and Oxy Smart Oxygen Analyzers

These models offer exceptional performance in oxygen detection in Argon and Argon/H2 mixed gases. Hand-held or machine-interlocking equipment is available.



ORBITEC OSK13S Micro-fit Weld Head

The ORBITEC OSK13S micro-fit weld head can be operated on both competitive orbital power sources as well as the Tigtronic Compact from ORBITEC. The micro-fit cassettes are interchangeable with other well-known cassette heads.



To complete our highly comprehensive offering of orbital welding equipment, Linde also offers special fixture tools, weld joint prep saws and facing tools, open arc orbital weld heads with wire feed capability, tube to tube sheet weld head and positioners with torch AVC control.



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