



LANCER™ COBOT Welding System Makes Weld Automation Affordable and Accessible



Introducing Linde's LANCER™ COBOT

Many metal fabricators can benefit from the addition of a robotic cell for welding repeatable parts. Augmenting manual processes with automation can improve throughput and product-quality, as well as lower production costs. However, the capital equipment costs and lack of shop floor space can make this inaccessible. Additionally, operations dealing with high-mix, low volume work stream may have a hard time finding the right solution.

Linde's LANCER™ COBOT (COLlaborative RoBOT) is designed for these smaller, complex operations. With the COBOT's 60 in. x 48 in. workspace, 5/8 in. peg tooling compatibility, 500 amp BINZEL® air-cooled welding torch, compact footprint and accommodation for MILLER® MIG welding systems, Linde's COBOT system is ready to help you improve the productivity of your tough or complex processes.

The LANCER COBOT or collaborative robot is intended to work hand in hand with your fabrication's direct human interactions within a shared space. Cobot's open applications contrast with traditional heavy industrial robot applications in which robots are isolated from human contact.

LANCER COBOT Features

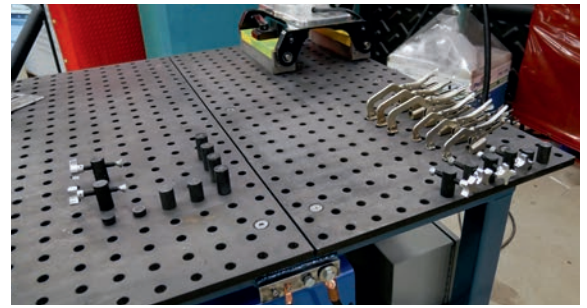
Linde's LANCER COBOT (COLlaborative roBOT Features:

- UR10e universal cobot
- Programmable by pendant or by hand
- 60 in. x 48 in. work area with 5/8 in peg hole compatibility
- Linear, circular and weave weld motion
- 2 in. x 2in. grid CNC precision, hole diameter 0.625 (5/8) in.
- 500 amp BINZEL® air-cooled welding torch
- Ready integration for MILLER® INVISION® 352 MPA
- Ready integration for HYPER THERM® POWERMAX® cutting systems
- Suitable for welding mild steel, stainless steel and aluminum*

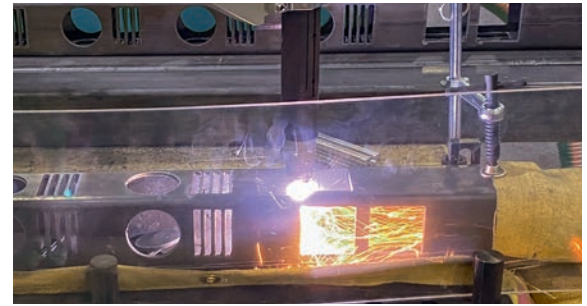


*COBOT does not come ready to weld aluminum, requires an optional package.

Tooling Simple or complex, the LANCER™ COBOT system's 5/8 in. peg hole compatibility and available tooling allows you to quickly setup and adjust to your parts as needs change. Quickly reprogram using the pendant or by hand for short runs of repeatable parts while ensuring high quality welds.



Add Plasma Cutting Capabilities The addition of a HYPERTHERM® POWERMAX® plasma cutting system makes your COBOT system a complete metal fabrication platform. HYPERTHERM consumable technology provides for fast cutting speeds and precise cut quality.



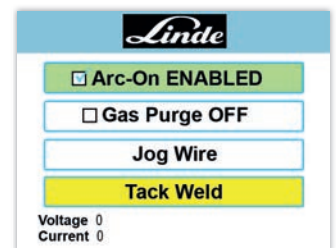
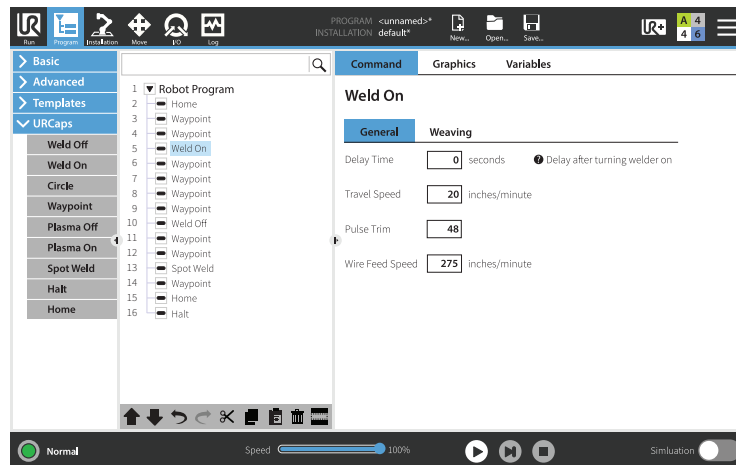
Add a HYPERTHERM® POWERMAX® plasma cutting system with a machine torch to your COBOT platform and it becomes a complete fabrication system capable of repeatable high-quality cuts and welds.

Optional Fume Collector Combine your COBOT system's productivity with greater worker safety by adding a PROSTAR™ Portable Fume Collector. The PROSTAR portable fume collector provides 1200 CFM airflow with MERV 11, MERV 15 and E11/PTFE filter options.



Simple and Intuitive Software

- Simple program controls
- Move the cobot using the pendant or by hand
- Arc-on/arc-off function enabling users to operate without welding
- Gas purge/jog wire functions
- Tack weld function
- Short arc or pulse welding capable
- Wire speed and voltage controls for easy weld adjustments



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