

UWI

Universal Weldcom Interface

Key Benefits

- Easy-to-use pendant application
- Control welding processes and parameters
- Graphical user help screens
- Dual Pulse function for TIG-like cosmetics

Specifications

Number of robots with power sources:
Up to four

Definable processes: Up to 16
(depending on power source)

Custom arc files: Up to 1,000

Process parameters: Up to six
(depending on power source)

Applications

Arc Welding

Compatibility

YRC1000 controller
(YAS2.81.00-00 or higher)

Miller® Auto-Continuum™
350 or 500

Lincoln Power Wave® with
ArcLink™ XT



UNIVERSAL WELDCOM INTERFACE FOR DIGITAL POWER SUPPLIES

- Fully utilize the advanced capabilities of your welding power source without putting down the robot programming pendant.
- User-friendly interface makes it easy to edit voltage, amperage and wire feed speed parameters for any process.
- Mode selection accesses entire library of welding power source processes from programming pendant.
- Filters weld modes based on process type, wire size, wire type and gas type.
- Define up to 16 processes from the power source library.
- Save up to 1,000 custom arc files with specific processes and parameters for use in jobs being programmed.
- The weld settings on the interface use terminology that matches that of your preferred power source.
- Program uses standard ARCON commands — no need for complicated macro jobs!
- Supports programming with arc file interface or inline instructions.
- Set specific parameters on weld sequencing like Pre-Flow, Start, Main, Crater and Finish Condition.
- Easily utilize standard functions such as Arc-Retry, Arc Monitor, Data Enable, Re-Start, Weld Line Shift, etc.
- Graphical user help screens provide a visual of the process and explain what the welding parameters control.
- Dual Pulse function allows alternating between MIG weld parameters and settings for beautiful TIG-like cosmetics.
- Live weld status presented on IF Panel display.
- Simplified networking utility makes it easy to set up robots with welders.
- Weld data exported for use in PLCs and part quality serialization.
- Monitors and logs hardware communication for diagnostics.
- Fully compatible with the performance tracking features native to the power source.