



Features

- PLC based control technology
- Controls most Pandjiris DC motors
- For longitudinal welding and circumferential welding
- Solid-state circuitry
- Easy-to-read digital touch screen display
- User-friendly front panel layout
- Heavy-duty industrial pushbuttons
- Large mushroom head emergency stop switch increases safety
- Additional "Arc Start" outputs allow for multiple and tandem arc or starting ancillary equipment such as oscillators and flux recovery units.

Operator Manual Functions

- Jog Fwd/Rev (at preset jog speeds)
- Jog Rapid Fwd/Rev (at preset rapid speed)
- Maintained Fwd/Rev Rapid Movement
- Dedicated Torch up/down Buttons
- Weld Start/Stop
- Travel Speed Adjustment

Programmed Sequence Functions

- Travel Speed
- Weld Timer On/Off
- Weld Counter On/Off
- Weld Time
- Weld Distance
- Travel Start Delay
- Travel Stop Delay
- Pass Counter (Requires Limit Switch)
- Diameter (Circumferential only)
- Auto Torch Lift On/Off
- Torch Lower Time
- Torch Lift Time and Delay Time
- Return Home On/Off
- Home Delay Time
- Rapid Speed %
- Jog Speed %
- Auto finger unclamp on/off
- Finger unclamp time and delay time
- English or Metric units Display
- Weld direction selectable

PLC-Based Controls

Pandjiris' EZ Link® Series Controllers are user-friendly, PLC-based controllers designed to provide flexibility for the operator. The EZ Link® Controllers put automated equipment control functions at your fingertips. Welding and motion functions are coordinated in an easy-to-use package.

EZ Link® Series controllers are perfect for new equipment and retrofitting your existing equipment, whether it's Pandjiris or another manufacturer.

The front panel layout includes a large graphic 5.7" VGA TFT Color touch screen display, 640x480 resolution. Custom-designed PLC program permits a wide range of programmed sequence configurations from English to Metric. Inputs into the PLC are isolated thru relays for optimum performance in welding environments.

APPLICATIONS

Longitudinal Welding: The controller is standard on all Pandjiris travel carriages. Speed control, travel start and stop delays can be preset. The control will handle both the travel carriage motion and initiation of the weld sequence. Weld length can be controlled by a timer, limit switch, or optional distance encoder. An automatic home sequence can also be turned on/off if desired.

Circumferential Welding: The controller is also configurable for circumferential systems, including precision lathes, positioners, and head-and-tailstocks systems. Like the Longitudinal system, the controller includes speed control, travel start and stop delays, and the ability to initiate the weld sequence. When in the circumferential mode the controller automatically adjusts surface travel speed based on the part diameter input by the operator. A pass counter permits multi-pass welding with an optional pass counting limit switch arrangement. Weld distance measured in degrees can also be preset and counted with our optional distance sensing encoder.

Contact your local Pandjiris representative or our St. Louis office to find out how the EZ Link® Series controller will make your life EZ'er!



Specifications:

- PLC Based Control
- 115 VAC, 10 Amp Input
- Color Touch display, 640x480 pixels
- 16 Discrete Inputs (Internal PLC)
- 12 Discrete Outputs (Internal PLC)
- 1 Analog Output (Internal PLC)
- 2 Analog Inputs (Internal PLC)

Dimensions: 15-1/2" T x 13" W x 8-5/8" D