6100
Automatic Arc Welding Stations

WELDLOGIC INC.
Welding Solutions For Advanced Manufacturing

To achieve maximum welding rate and minimal labor cost, 6100 Automatic Welding Systems integrate a combination of standard Weldlogic products to provide a complete package. Specifically designed for precision automatic welding, 6100 systems allow circumferential, longitudinal and spot welds to be easily make with a minimum of operator skill. All components are fully integrated to create a complete "ready-to-go" automatic welding station.

Dual Process

Tig **Plasma**



Full function pendant puts all system controls at the operator's fingertips

PRODUCTIVITY UP TO 300 WELDS/HR



MADE IN AMERICA

SPECIFICATIONS SUBJECT TO CHANGE

6100 HORIZONTAL/VERTICAL, TIG/PLASMA WELDING STATION

FEATURES
AWS-200/400 POWER SUPPLIES

- 0.1-400 ampers weld current (TIG/PLASMA)
- Arc gap set & Arc Distance Control
- ARC START “exclusive low noise” soft starting
- Multiple current levels, pulsing & sloping
- Shield gas & back up gas controlled
- Wire feed controls
- Arc oscillation

Vertical



AWS - 200-400 SYSTEMS

These computer controlled systems offer precision welding with advanced levels of weld process control and automation. The AWS - system offers options of weld current, weld speed, arc distance control and wire feed. This system synchronizes all welding functions from a single enclosure.

AUTOMATION OPTIONS

- Auto part feeder
- Auto part ejection
- Air actuated chuck/5-c
- Dual torches
- Vision system
- Laser tracking
- 3 axis motion control
- Custom designed tooling

FEATURES
PWL-PRECISION WELDING LATHES

- RPM speed range: .1-10 “standard”, 1.0 -40 optional
- Horizontal/Verticle capability
- Air actuated Torch & Tail stock
- Exclusive bed design for precision & easy access for automation
- Manual/Automatic linear torch movement
- Many variations & options available
- Designed for years of trouble free high production welding

Horizontal



SAFETY FEATURES

- E-stop protection
- Dual palm start anti-tie down (option)
- U.V. automatic arc shielding (option)
- Stub out mode protection
- Set-up mode “no arc sequencing”
- Sonar alert prior to arc start

FACILITY REQUIREMENTS FOR WELDLOGIC 6100 SYSTEM

- Electrical: 50/60 Hz 230 VAC - 25 Amps Single Phase
- Shop Air: Filtered, 90 PSI
- Weld Gas: Regulated, 35 PSI
- Workstation Footprint (W X D X H): 72in (182.8cm) X 30in (76.2cm) X 64in (162.6cm)

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