

6100 Automatic Arc Welding Stations

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 made with a minimum of operator skill. All components are fully integrated to create a complete "ready-to-go" automatic welding station.

WELDLOGIC INC.

Welding Solutions For
Advanced Manufacturing



Dual Process



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



Wire feeder



Productivity up to
300 Welds/hr

6100 HORIZONTAL/VERTICAL, TIG/PLASMA WELDING STATION

FEATURES

AWS-150/300 POWER SUPPLIES

- 0.1-300 amperes weld current (TIG/PLASMA)
- Arc gap set & Arc Distance Control
- ARC START "exclusive low noise" soft starting
- Multiple current levels, pulsing & sloping
- Wire feed controls
- Arc oscillation
- Shield gas & back up gas controlled

Vertical



FEATURES

PWL-PRECISION WELDING LATHES

- 0.1-60 RPM speed range "standard"
- Horizontal/Verticle capability
- Air actuated Torch & Tail stock
- Exsclusive 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



AWS - 150/300 SYSTEMS

These computer controlled systems offer precision welding with advanced levels of weld process control and automation. The AWS - 150/300 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

SAFTEY FEATURES

- E-stop protection
- Dual palm start anti-tie down (option)
- U.V. automatic arc sheilding (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 - 115/230 VAC - 7 Amps
- Shop Air: Filtered, 90 PSI
- Weld Gas: Regulated, 35 PSI
- Workstation Footprint (W X D X H):
60in (152.4cm) X 30in (76.2cm) X 64in (162.6cm)

Distributed by:

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