

## S91004P Amet / Jetline 8' Vertical Variable Polarity Seamer

System includes an Amet controller & operating console, Amet Motor control center, An integrated Amet 500 VP power supply, Custom gas control unit, 8' x 8' manipulator and 8' vertical seamer bed, 4-roll wire feeder and all welding equipment. Purchased New in 2002 for OVER \$300,000.00!!

### Specifications and Features :

#### Amet Controller and Operator Console :

- GraphEditor – Graphical weld schedule creation and administration software.
- Control of 4 servo axis (2-axis torch cross slide assembly for mechanical oscillation &AVC, wire feed and vertical travel.
- Integrated Automatic Voltage Control
- VPPA System monitoring software
- Calibration and diagnostic software
- Operator access control and logging.
- 15" Flat Panel LCD color display
- Keyboard and mouse in a retractable drawer
- Remote pendant with stand
- System fault interlocks and indicators

#### Amet Motor Control Center :

- 4 axis pulse width modulated DC motor amplifiers
- DC power supply
- Limit switch sensing
- Emergency stop sequencing

#### Power Supply – Amet 500 VP supply with integrated :

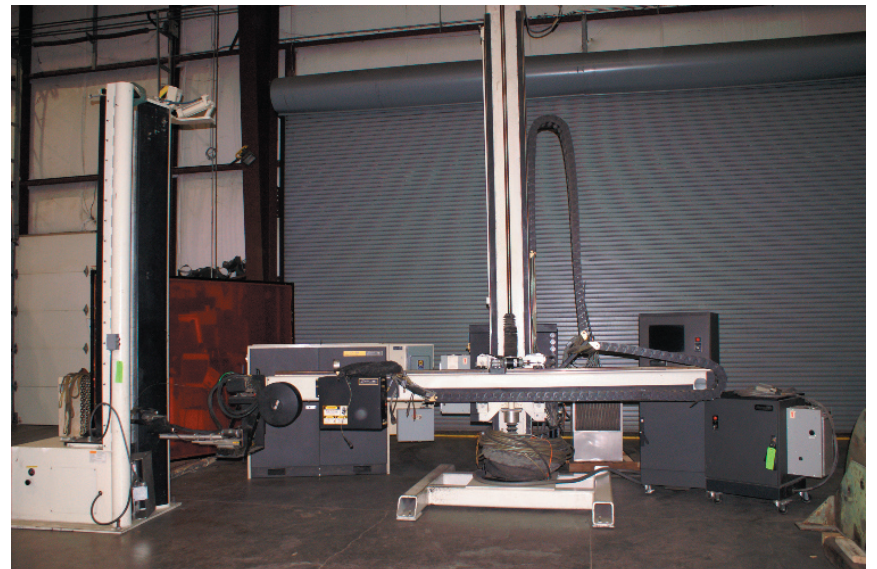
- 500 amp, 100% duty cycle
- Plasma pilot arc console / drawer
- Computer interface drawer
- Hour meter panel
- Enclosed fusing, GE transformer & disconnect

#### Custom Gas Control Unit :

- 3 mass flow controllers, 3 mass flow meters
- 3 gas solenoids
- Integrated with Advent System

#### Manipulator & Part Fixturing :

- 8' x 8' welding window
- Vertical seam welding part positioning fixture
- Weld head locator (8' x 8' travel) motorized precision roundway / screw feed
- DC servo controlled vertical beam travel
- Motorized horizontal control
- Cable management system
- Integrated with remote pendant



#### Precision Torch Positioner Includes :

- X axis torch slide (12" travel)
- Z axis torch (AVC) slide with DC servo
- Torch mounting hardware
- Integrated with remote pendant

#### Wire Nozzle Positioner Includes :

- Motorized two axis nozzle positioned
- Nozzle mounting bracket
- Integrated with remote pendant

#### Wire Feed Unit Includes :

- Heavy duty 4 roll wire drive system
- Servo motor with encoder
- Capable of driving .030 to .060 diameter wire

#### Welding Equipment Includes :

- B & B Plasma torch and cables
- Dynaflux water circulator and system integration