

## ROLLING AND WELDING SYSTEM SOLUTIONS

### Urethane Rolls



Weldlogic designs a full range of 2 rolls with many options and lengths to 10ft.

- Highly repeatable tube forming
- Easy set up-low skill requirements
- Heavy Duty hydraulic design
- Continuous Duty Cycle
- Virtually no flats

### Automatic Rolls



Weldlogic designs a full range of automatic rolls to enable operator free rolling on demand.

- 120-200 Parts Per Hour
- PLC-Touch screen programming with memory
- Vacuum lift and material squaring arm
- Virtually no flats
- Capacity up to 96"

### CNC Rolls



CNC - 3 / 4 rolls designed to produce special shaped tubes with encoder precision.

- Heavy Duty Design with positioning encoders on all roll positions
- PLC easy programming and 100+ memory
- Single pass forming
- Spherical roller bearings on all rolls
- Induction hardened and ground rolls

### Plate Rolls

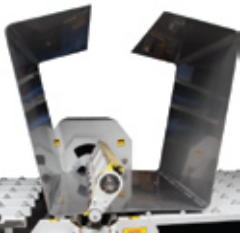


up to 20 feet

CNC-3/4 roll pipe grade plate rolls are designed and built to specific application requirements.

- Heavy Duty all steel plate construction
- Closed loop hydraulic system with encoder positioning
- Induction hardened and ground rolls HRC-50-54
- Material handling options available
- Pipe grade and Tank grade capacity

### Custom Rolls



Custom rolls designed for a wide range of applications. Rolls to solve the most challenging forming requirements.

- High production machines 400-600 tubes/hour
- Box forming specialty roll forming systems
- Airfoil aircraft wing forming specialty rolls
- Small diameter / long length rolls
- Special shape heavy duty flat forming machines

### Micro-Welders

Micro Welders designed to perform the finest quality precision welds on a wide range of heat sensitive components.



- Micro-Tig/Plasma welding system with turn key responsibility
- Full range of standard tooling-positioners
- Supports micro-joining automation
- Process support & training offered with every micro-system
- Welding capacity to join .001" alloys
- High production micro welding solutions

### Advanced Welding System

Advanced Welding Systems with capacity to 400 amperes available in a wide variety of weld positioners.

- Turn key welding systems with process develop included
- Designed to arrive ready to start welding upon delivery
- Wide range of standard options
- Available with Wire Feed, Arc Distance Control, Seam Trackers
- Many Positioners available up to 12 foot lengths



### Seam Welders

Seam Welders are designed and manufactures to make seam welds in a wide range of processes and materials.



- Seam Welders available in lengths up to 20 ft
- Available for Tig, Plasma, Mig, Subarc & Laser
- Precision Linear carriage
- Closed loop servo carriage control
- Many optional features enhance quality & productivity

### Automatic Seam Welders

Automatic Seam Welders for a wide range of applications, automotive, electric motor, compressors.

- Production rates at 100-200 parts per hour capacity
- C.N.C. current and positioning capacity to make higher quality seam welds
- Accommodates a wide range of diameters, length, and materials.
- Quick change over with auto tube load and ejection.
- Manual and automatic system operation for expanded capacity



### Custom Welders

Custom Welders designed to meet the specifics to meet your special welding requirements.

- Multi Axis CNC welding systems for special shaped components
- Automatic part loading and ejection
- Thick section Plasma Keyhole welding
- Material handling and welding systems
- Data acquisition systems for high reliability

