

FABRICATION SERVICES

The manufacturing facility at APEC brings together a support staff of electrical and mechanical engineers, field service technicians, welders and fabricators. These people coupled with the modern equipment and engineering tools, provide our customer with quality products in a timely fashion.

- Modern facilities, skilled tradesman and engineering staff providing quality products.
- Sheet metal and structural fabrication
- Carbon steel, aluminum and stainless steel
- Extensive quality assurance
- Compatible design software and equipment
- Custom engineering
- Prototypes: research/development and one-of-a-kind or multiples



APEC

Automated Process Equipment Corporation

PROCESSING THE INGREDIENTS FOR SUCCESS

FABRICATION SERVICES SPECIFICATIONS

Facility Information

- Class 'A' Road Access
- Complete Receiving/Shipping capabilities
- 60,000 Square feet facility
- Mechanical/Electrical Design and Manufacturing

Standard Products Produced

PROCESS EQUIPMENT

- Mistcoater Liquid Application System
- Microingredient Scaling Systems
- Scale Hoppers
- Powder Feeders
- Batch Mixers
- Conveyors
- Slide Gates

STRUCTURAL PRODUCTS

- Stairways and Landings
- Platforms
- Bins and Hoppers
- Structural Support Frames

GENERAL FABRICATION

- Guarding
- Transitions
- Control Panels
- Prototype Projects

Industries Currently Served:

- Animal Feed
- Automotive
- Engineers / Contractors
- Food
- Material Handling
- Pet Food
- Plastic
- Powder & Bulk

Quality Assurance Program

APEC's extensive quality assurance program involves customer participation, engineering staff and production team leaders to ensure our products meet the quality level expected by our customers.

Equipment Capabilities:

CY FIBER OPTIC LASER

- Accurate and clean cut every time
- 4 times greater beam density for dense materials
- More energy efficient than CO2 laser technology

LINCOLN ELECTRIC ROBOT WELDER

- 120iC/12L robot arm
- 12 kg payload
- 79" reach
- High quality welds with speed and consistency

THE FRYER EASY TURN LATHE

- 25" Swing
- Center Distances: 40", 60", 80" and 120"
- Spindle Bore Sizes: 2.0", 3.4" and 4.1"

SHARK WATER JET CUTTING SYSTEM

- 55,000 PSI water cutting stream
- Environmentally safe & clean
- Cuts multiple layers of material
- Provides "ready to weld" edge
- Cuts multiple types of materials
- Metal, plastic, stone, glass, foam, rubber and ceramics

PITTSBURGH SEAMER

- Handles light gauge sheet metals

175 TON PRESS BRAKE

- Dual Axis CNC Controlled
- 3/8" thickness x 7' max. length
- 1/2" thickness x 5' max. length

HYDRAULIC SHEAR

- 1/4" x 10' carbon steel

SEVERAL INITIAL PINCH ROLLS

- 1/4" x 8' maximum
- 3/8" x 5' maximum

CINCINNATI MILACRON

HMI HYDRAULIC IRON WORKER

MIG / TIG Welding

MATERIAL

- Structural / Sheet
 - Stainless Steel
 - Aluminum
 - Carbon Steel



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