

## **ABOUT ATP MACHINE**



ATP designs and manufactures machines used in the HVAC and Automotive markets. We specialize in Micro – Channel (flat tube) processing and general round tube fabrication.

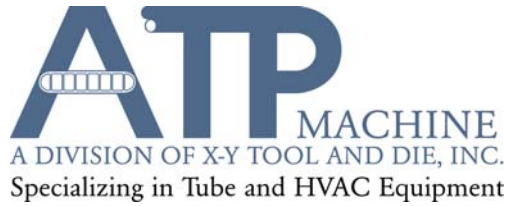
Our name ATP (Advanced Tube Processing) describes our desire to give our customers the best innovative solution for today and the future. With over 50 years of knowledge and experience we know what works and what does not. We are constantly thinking about ways of solving problems to meet the tough market demands of tomorrow.

Our equipment is designed, machined and assembled in a modern facility located in LaOtto, Indiana which is just 15 minutes North of Fort Wayne and 30 minutes from FWA international airport. With over 60,000 square feet of climate controlled space we have what it takes to become your machine supplier whether you need a small machine or a complete turn key system.

With over 30 patents to our credit we have proven that we can be a benefit to the industries and markets we serve. Since we want to have the best product available our designs and concepts usually obsolete current technology by bringing new innovations to our customers.

Built on a strong tool and die foundation our company only hires and trains top notch tool makers and we have an in house apprentice program. This philosophy ensures our customers that, only qualified and skilled tool makers are providing good quality parts and equipment.

An ISO 9001:2000 registered company since 2002 we continue to strive toward giving our customers a first-class product.



## Facility Capabilities

### INSPECTION EQUIPMENT

- 1 - C-700 Zeiss 28" x 40" CMM
- 1 - Eclipse Zeiss 28" x 40" CMM
- 1 - Eclipse Zeiss 40" x 96" CMM
- 1 - Starrett CNC Optical Comparator

### GRINDING EQUIPMENT

- 3 - Jig Grinders
- 3 - O.D. / I.D. Grinders
- 1 - Arter Rotary Grinder
- 1 - Okamoto 16x30 Wet Grinder
- 1 - Okamoto 12 x 24 Wet Grinder
- 1 - 14x24 Wet Grinder
- 5 - Surface Grinders
- 1 - Sunnen Hone
- 1 - Center Polisher
- 1 - Mitsui- Seki CNC Jig Grinder

### EDM

- 2 - Fanuc CNC wires
- 1 - Charmilles CNC Wire

### HEAT TREAT EQUIPMENT

- 1 - Induction Heat Treater
- 1 - Heat Treat Oven

### SUPPORT EQUIPMENT

- 3 - Drill Presses
- 1 - Vertical Stock Saw
- 1 - Horizontal Stock Saw
- 2 - Band Saws
- 1 - Jig bore

### DELIVERY VEHICLES

- 2 - E-350 Cargo Van
- 1 - 1997 F-350 Flat Bed Truck
- 1 - 22' Gooseneck Trailer

### CNC MILLS

- 1 - Mitsubishi 1416-HT11 5-Axis Boring Mill
- 1 - Viper HB2109S Vertical Boring Mill
- 1 - Mazak FH-6800 Horizontal Center
- 1 - Mazak VTC-300C Vertical Center
- 1 - Hurco BMC-50 with Rotary Turntable
- 2 - Hurco BMC-25 with Rotary Turntable
- 4 - Hurco BMC-3017 Mill Vertical Center
- 1 - Hurco VMX42S Vertical center
- 1 - Hurco VMX24S Vertical center
- 5 - Bridgeport EZ-Trak mills

### CNC LATHES

- 1 - Mazak Super Turn 250M-Y
- 1 - Mazak Integrex 200-IV
- 1 - Mazak Integrex 300Y
- 1 - Mazak Quick Turn 15N
- 1 - Mazak Quick Turn 30-M

### MANUAL MILLS

- 15 - Bridgeport Mills
- 1 - Lagun Mill

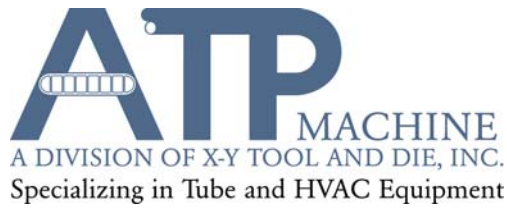
### MANUAL LATHES

- 1 - South Bend 22in. x 80in.
- 1 - South Bend 20" Turnado
- 1 - South Bend 18" Turnado
- 1 - South Bend 14" Lathe

### WELDING EQUIPMENT

- 2 - TIG Welders
- 3 - Miller Mig Welders
- 1 - Portable Mig Welder
- 1 - Lincoln Pro-Cut Plasma





## Quality



In addition to accommodating almost any job with our expansive machining capabilities and trusted product knowledge, our commitment to quality is of the utmost importance. Above you can see our Quality Room. We offer complete **Quality Assurance** with our quality staff fully trained in the use of our 3 CMM's and up to 96" of Y-axis movement. These steps reinforce our focus on building long-term and successful relationships with our customers

## Quality Policy

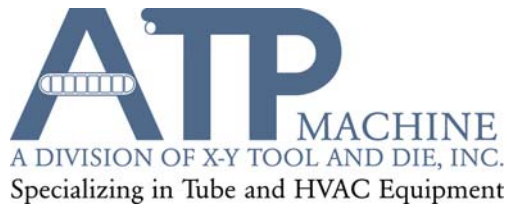
ATP Machines focus is to build long-term, successful relationships with our customers. This will be achieved through a process of continuous improvement, understanding our customer's expectations, providing innovative solutions, engineering support and quality machines in a timely fashion.

ATP Machine is committed to the success and well being of our employees. We will employ well-trained employees who support our commitment to customer satisfaction.



ISO 9001: 2000 Certified





## **We Design, Build and Assemble**

### **Micro-Channel Processing Equipment**

- Uncoiling
- Sizing / Straightening
- End- forming
- Cutting To length
- Sorting / Stacking / Banding
- Visual Inspection Systems
- Coil Forming
- Serpentine Bending
- Complete turn key coil shops



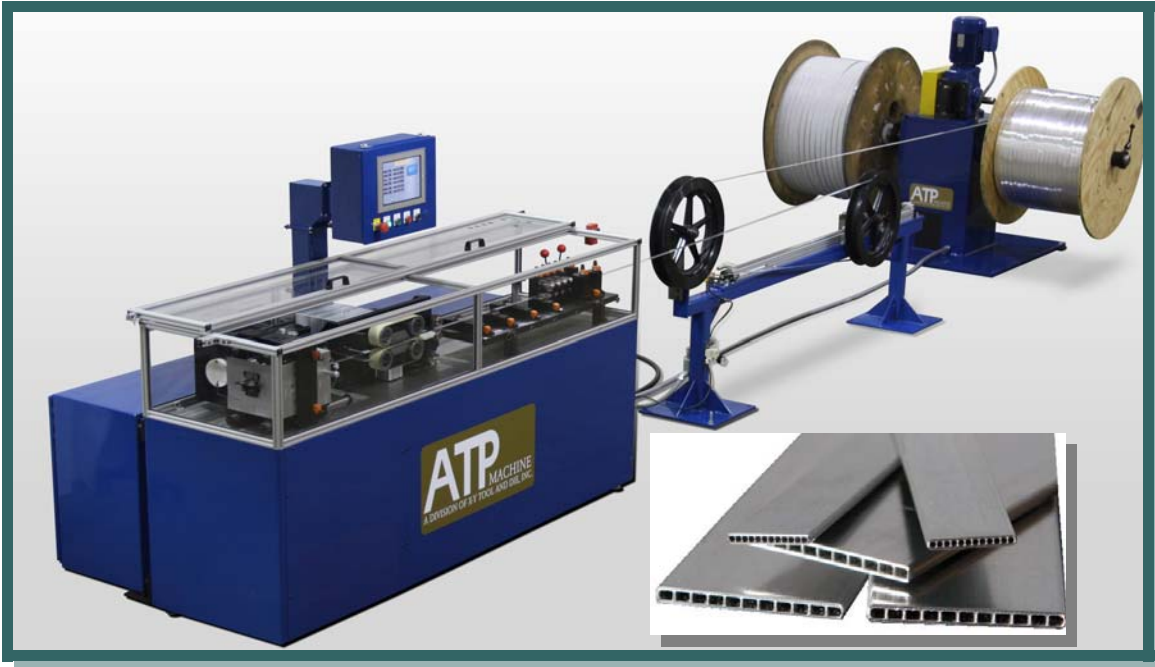
### **Round Tube Processing Equipment** **Copper, Aluminum and Steel**

- Uncoiling
- Sizing / Straightening
- End- forming
- Cutting To length
- Expanding
- Bending
- Serpentine Bending
- Coil Forming
- Re-coilers
- Assembly
- Complete turn key coil shops



## **We Also Rebuild and Re-Tool**

**ATP** MACHINE  
A DIVISION OF X-Y TOOL AND DIE, INC.  
Specializing in Tube and HVAC Equipment



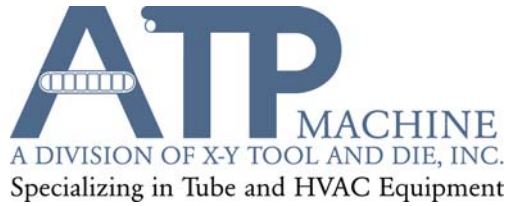
***ATP Machine  
Micro-Channel Cut To Length Machine***  
*To view video of this machine visit [www.atpmachine.net](http://www.atpmachine.net)*

**Productivity —  
Quality —  
Price —**



**Actual machine specifications on back**

P.O. Box 217 • 6492 State Road 205 • LaOtto, Indiana 46763 • (260) 357-3365



## MCCTL (Micro-Channel Cut To Length)

**MCCTL-1:** All Electric Servo, High Speed Machine.

**MCCTL-2:** Servo feeder control with Pneumatic Cutting system.

### Production Rates

- MCCTL-1 = 150 ppm @ 610mm long. (24.00")
- MCCTL-2 = 80 ppm @ 610mm long. (24.00")

**Note:** shorter part lengths may increase production rates.

### System's material capacity range

- Height 1.5mm thru 3.0mm (.059 - .118)
- Width 9.6mm thru 50mm (.377 - 1.968)
- Cut length 150mm (6.00") minimum, Infinite maximum.

### Production Tolerances

- Width:  $\pm .05\text{mm}$  (.0019")
- Thickness:  $\pm .02\text{mm}$  (.0008")
- Length:  $\pm .15\text{mm}$  (.004")



### System options

- Inline Endforming station
- Bad material ejector station
- Tube stacking station
- Tube banding station
- Precision sizing station
- Tube stack handling automation

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Round Tube Cut To Length Machine***

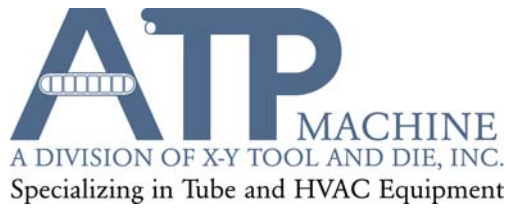
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## RTCTL (Round Tube Cut To Length)

**RTCTL-1:** Electric Servo Feeding (Chip less Cut)

**RTCTL-2:** Hitch Feed (Chip less Cut)

**RTCTL-3:** Hitch Feed (Nick and Shear Cut)

### Production Rates

- RTCTL-1 = Approx 30 PPM @ 12.00 Long.
- RTCTL-2 = Approx 30 PPM @ 12.00 Long
- RTCTL-3 = Approx 50 PPM @ 12.00 Long

**Note:** Production rates will vary with different materials and diameters.

### System's material capacity range

- Diameter (.125 - .750)
- Length (4.00 thru infinite)
- Copper, Alumn. and Steel

### Production Tolerances

- Part Length  $\pm .005$  per stroke
- Straightness  $\pm .032$  per foot or better

### System options

- Uncoiler
- Endforming
- Larger Diameters
- Quick change tooling



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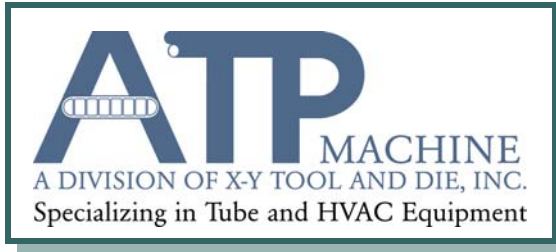
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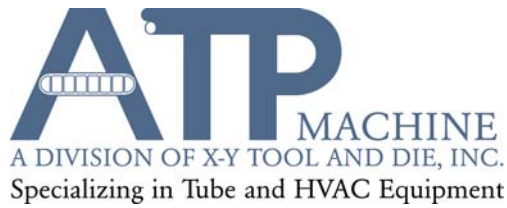


***ATP Machine  
Custom Tube Fabrication Machines***

*Visit [www.atpmachine.net](http://www.atpmachine.net)*

**Productivity —**  
**Quality —**  
**Price —**

A vertical column of three red checkmarks, each inside a small square box, indicating that the machine meets the criteria of productivity, quality, and price.



## Custom Tube Fabrication (Endform, Assemble and Bend)

**EFRB-1:** Auto Endform, Auto Braze Ring Installation, Auto Bend

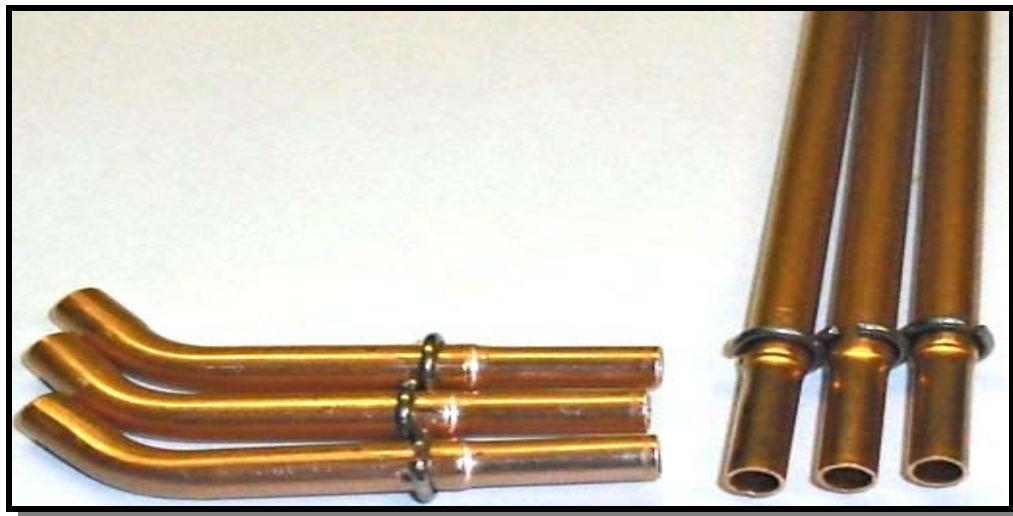
### Production Rates

- EFRB-1 = Approx 50 PPM.

**Note:** Production rates will vary with different materials and diameters.

### System's material capacity range

- Diameter (.125 - .750)
- Copper, Aluminum and Steel



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