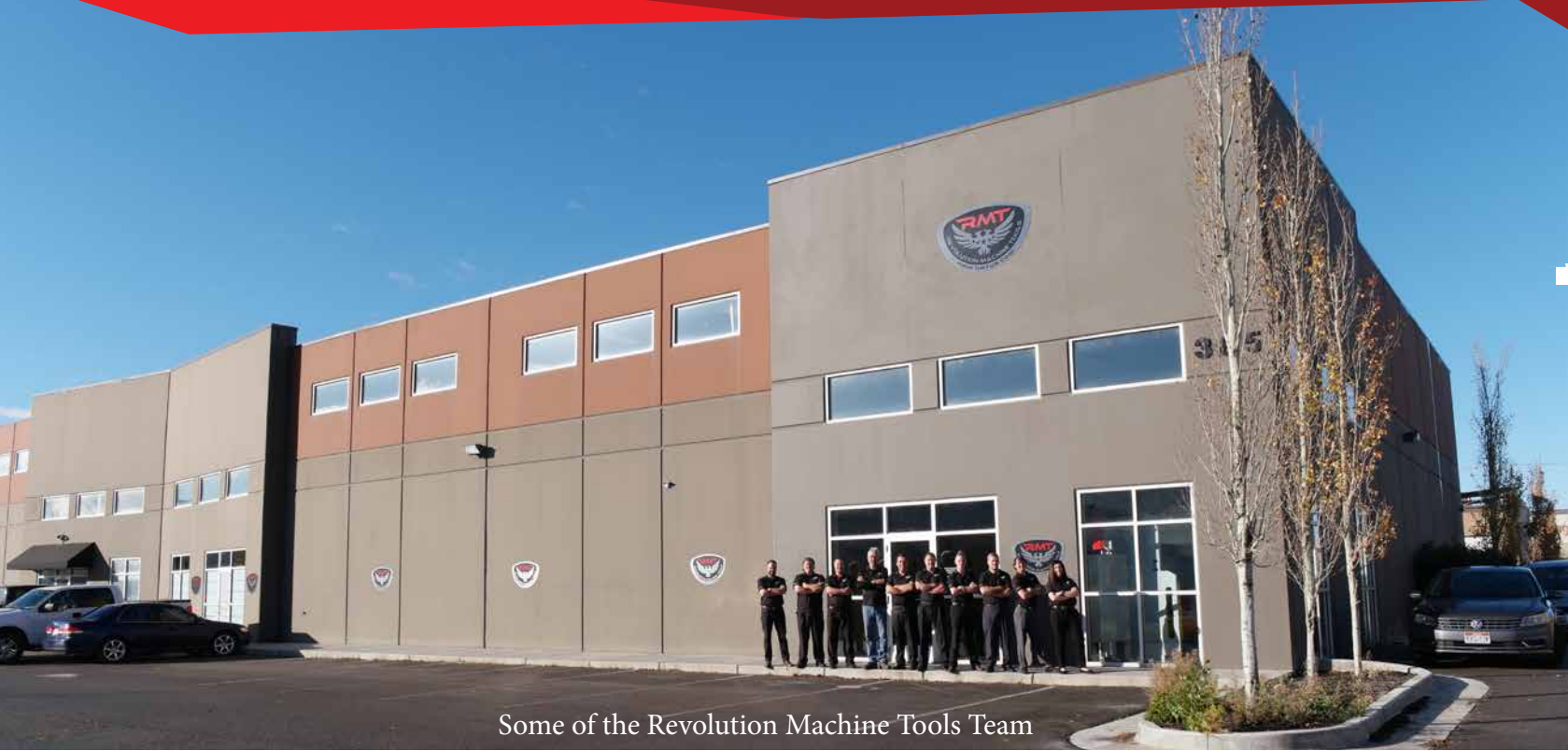




# ANGLE ROLL

ECO, FAB, GIANT SERIES





Some of the Revolution Machine Tools Team

## ABOUT REVOLUTION MACHINE TOOLS

Revolution Machine Tools (RMT), founded by long time industry leader Kyle Jorgenson, is a metal fabrication machine tools company. RMT's design team has created the most innovative and precise tools in the North American market today. We are partners with leading manufacturers who build our designs to our stringent specifications in state of the art manufacturing facilities.

Kyle Jorgenson started in the Machine Tool industry working with his father, Roger Jorgenson, who founded Jorgenson Machine Tools in 1974. Roger taught Kyle how important relationships and customer service are, and Kyle has built his reputation on those principles. Revolution Machine Tools is supported by an ever expanding team of industry professionals, which include design, marketing, service and support, who have these same values and respect Kyle's vision. Together, they are creating a revolution in the Machine Tool industry.

RMT's main focus is in large cutting, forming, and rolling machines for the metal fabrication industry. RMT's research and development team has created the most innovative, fast, durable and accurate machines in the industry. Our machines are all backed by a strong warranty and an outstanding service team dedicated to keeping your machines operational. We understand the time value of money and how expensive downtime can be.





**KYLE JORGENSON, PRESIDENT**

### **PRE-SALE CONSULTATION**

RMT's commitment to service begins with our site assessment consultation, before we even discuss purchasing equipment. We start by making an assessment of your production area to determine whether the equipment will work well in your manufacturing environment. We look at where the equipment will be placed on the production floor, how it will be brought into the facility, and even ways to make the disposal of scrap and waste easier to remove. We will also recommend the proper installation of our equipment, or we can even come install it for you. More importantly, we can verify adequate electrical, pneumatic or hydraulic requirements and we look at the surrounding equipment to assess if there are any electro-magnetic or vibration interference issues.



**We do all of these things because:**

**We take pleasure in helping make our customers businesses more successful.**

**Many of our customers have become life long friends that have carried over to several generations.**

**844-768-4636 / [www.RMTUS.com](http://www.RMTUS.com) 3**



# REVOLUTIONARY SERVICE

## QUALIFIED SERVICE TECHNICIANS

Join the Revolution with service technicians from Revolution Machine Tools that can maintain, troubleshoot and fix your machines. Our goal at RMT is to ensure our customers experience smooth operations and greater return on investment by having their machines repaired and maintained by qualified personnel who are committed to the customer's success.

The service team at Revolution Machine Tools is experienced and able to diagnose, repair and install your equipment when you need it. Twenty-four hours a day, you will reach a live service technician 365 days out of the year. We know that you can't wait for days or weeks to keep your production deadlines, and we are committed to minimizing your downtime and keeping your manufacturing processes moving forward.

## PREVENTATIVE MAINTENANCE PROGRAM

Keeping your machines operating at their peak performance is key to successful manufacturing. At Revolution Machine Tools, we have the right preventative maintenance plan to fit your needs; thus, keeping your machines performing at their most efficient levels.



Our service technicians will create the perfect preventative maintenance plan for you. They will evaluate your machines, and provide you with a customized maintenance plan. Each plan will include general maintenance, safety evaluations, suggested repairs and part replacement.

## SERVICE WHEN YOU NEED IT

Twenty-four hours a day, seven-days a week, you can count on Revolution Machine Tools to be there when you need them. How many times have you needed customer service for a machine breakdown? Each and every breakdown equates to a loss in opportunity cost and profit. At Revolution Machine Tools, we are committed to making sure you get the most out of your equipment, and when it does breakdown, providing repair services in a timely manner.

So, if you are in need of a troubleshooting or repair, you can call our service team anytime, 24-hours a day/7-days a week. Anytime you run into a machine problem, you can reach a service technician by phone or e-mail and we will answer or respond.. You don't need help in two days, you need it now.



**SERVICE HOTLINE**  
**844-RMT-SERV (768-7378)**

**SERVICE@RMTUS.COM**



# PARTS & TOOLING



## SUPERIOR PARTS AND TOOLING

Every machine used in the chipping, fabrication and forming of metal has consumables and tooling to keep them performing efficiently. These consumables and tools range from hydraulic oil, laser nozzle tips, replacement parts, software and more. Making sure you have the right products to take care of your machines is what we at Revolution Machine Tools specialize in. We stock the highest grade consumables, replacement parts and tooling to fit your needs; and, if on the rare occasion we don't have the part, we most likely know where to find it.

Our parts and tooling department is constantly looking for ways to maximize the potential of your machines. Specialized tooling can be ordered and shipped to your location. We have qualified customer service representatives who can help you find solutions and answers to your manufacturing needs.

Revolution Machine Tools and its staff are committed to providing you the most effective service possible. We encourage you to call, even if we don't carry your brand of machine, and see if we can support you in making sure you have the right parts and tooling to fulfill your production goals and needs.



*Talip, Parts and Tooling Manager*

## REPLACEMENT PARTS AND ACCESSORIES



**UNIVERSAL DIES**



**PIPE & TUBE DIES**



**BEAM PULLING APPARATUS**



# BENEFITS OF RMT ANGLE ROLLS

RMT inventories and supports an extensive line of Profile Benders, Section Bending Machines, Universal Roll Benders, Angle Rolls, as well as Tube Benders and Pipe Benders. We stock Standard Tooling, Custom Tooling and Parts, ready to ship. RMT Angle Rolls are used to bend all types of materials and profile shapes, handle mild steel, stainless steel, aluminum, titanium, bronze, brass, copper as well as other alloys. Our machines in the field are used to manufacture marine handrails, aluminum window frames, steel sections, ornamental and decorative iron, motorcycle frames and components, exhaust pipes, and more. Our machines handle flat bar, square bar, square & rectangular tube, round rod, channels, and T bar using standard tooling which is supplied with the machine. With optional tooling, RMT angle rolls will roll angle iron, round tube & pipe, oval tube, roll formed shapes, aluminum extrusions and special profiles.

For Ornamental Applications RMT angle rolls can be equipped with optional scroll bending tools, picket twisting tools and helical stair rail attachments. If you are considering buying a Manual Bender or Hydraulic Bender or CNC Pipe Bender or Tube Roll or any type of Roll Bender, RMT can satisfy your production requirements. Our angle rolls are available in all sizes from small economical portable benders to large heavy duty pipe benders that will fit your rolling budget.

RMT's service department employs factory trained experienced professionals to service your spare parts, repair and technical needs. We stock tooling and spare parts. Our CNC machine shop can build any custom tooling you need with a rapid turn-around. We manufacture tooling for other brands of Ring Rollers and Roll Bending Machines. For high volume roll bending or multi-radius parts, our optional CNC Angle Rolls with direct radius input let you roll up to the next level with the highest precision, repeatability and speed. Our high quality OEM components are non-proprietary and available worldwide. Main frames carry a 10 year warranty! We are confident in RMT superior quality. Regardless of your need and budget for a roll bender, you will benefit from choosing RMT. Our true quality and integrity is in the "details" of every RMT roll bender. Compare and see for yourself why RMT Bending Machines have become one of the most respected brand names in the roll bending industry. Come visit us to see our machines first hand and experience the RMT difference!"





# ANGLE ROLL SERIES



## A-ECO SERIES

### Motorized Angle Rolls

1.18" ~ 2.36" Top shaft diameters  
Up to 3" SCH 40 Pipe bending capacity

See pages 12 - 15



## A-FAB SERIES

### Hydraulic Angle Rolls

1.57" ~ 7.08" Top shaft diameters  
Up to 8" SCH 40 Pipe bending capacity

See pages 16 - 22



## A-GIANT SERIES

### Hydraulic Angle Rolls

9.44" ~ 14.17" Top shaft diameters  
Up to 16" SCH 40 Pipe bending capacity

See pages 23 - 25





# A-GIANT & AB-4 CAPACITY

RMT A-GIANT SERIES Specifications	A-GIANT 944			A-GIANT 1181			A-GIANT 1417			AB-4		
	Dimensions	Min Internal Diameter	Note	Dimensions	Min Internal Diameter	Note	Dimensions	Min Internal Diameter	Note	Dimensions	Min Internal Diameter	Note
Solid - Square	5" x 5"	96"	o	7" x 7"	100"	o	8" x 8"	126"	o	1" x 1" 3" x 3"	20" 48"	o
Flat - Along Edge	8" x 2-3/4"	150"	o	10" x 4"	122"	o	12" x 4"	126"	o	5" x 1"	48"	o
Solid - Rectangle	15" x 3"	100"	o	20" x 4"	100"	o	22" x 5"	126"	o	10" x 1"	40"	o
Angle Leg-Out	8" x 8" x 3/4"	120"	o	10" x 10" x 1"	160"	o	10" x 10" x 1"	160"	o	4" x 4" x 3/8"	80"	o
Angle Leg-In	8" x 8" x 3/4"	160"	o	10" x 10" x 1"	180"	o	10" x 10" x 1"	180"	o	4" x 4" x 3/8"	100"	o
T Section Leg-Down	8" x 8" x 1"	120"	o	10" x 10" x 1"	120"	o	10" x 10" x 1"	120"	o	5" x 5" x 1/2"	80"	o
T Section Leg-Out	8" x 8" x 1"	120"	o	10" x 10" x 1"	120"	o	10" x 10" x 1"	120"	o	5" x 5" x 1/2"	80"	o
T Section Leg-In	8" x 8" x 1"	138"	o	9" x 9" x 3/4"	158"	o	10" x 10" x 1"	158"	o	5" x 5" x 1/2"	100"	o
Tubing - Square	8" x 8" x 3/8"	240" =	o	10" x 10" x 1/2"	305" =	o	12" x 12" x 5/8"	400" =	o	4" x 4" x 0.250"	60" =	o
Tubing - Rectangle	12" x 4" x 3/8"	315" =	o	16" x 8" x 3/8"	433" =	o	20" x 10" x 5/8"	550" =	o	5" x 2-1/2" x 0.187"	80" =	o
Solid - Round	Ø6"	120"	o	Ø8"	216"	o	Ø9"	244"	o	Ø3-1/2"	60"	o
Schedule 40 Pipe	10" SCH 40	200" =	•	12" SCH 40	315" =	•	16" SCH 40	472" =	•	1" SCH 40 6" SCH 40	15" 120" =	•
Tubing - Round	Ø12" x 0.250"	354" =	•	Ø14" x 0.250"	423" =	•	Ø18" x 0.300"	590" =	•	Ø1" x 0.080" Ø4" x 0.100"	15" 40" =	•
C Section Leg-Out	C15-50#	120"	o	C15-50#	98"	o	C15-50#	88"	o	C10-20#	60"	o
C Section Leg-In	C15-50#	138"	o	C15-50#	112"	o	C15-50#	92"	o	C10-20#	65"	o
I Section Easy Way	S18-70#	138"	•	S20-96#	120"	•	S24-121#	200"	•	S6-12.5#	60"	•
H Section Easy Way	W12-79#	158"	•	W18-119#	200"	•	W24-146#	255"	N/A	N/A	N/A	N/A
C Section Hard Way	C10-25#	473"	o	C12-30#	580"	o	C15-50#	826"	o	N/A	N/A	N/A
I Section Hard Way	S12-35#	473"	•	S15-50#	413"	•	S18-54.7#	787"	•	N/A	N/A	N/A
H Section Hard Way	W8-40#	276"	•	W10-68#	375"	•	W12-87#	N/A	•	N/A	N/A	N/A
Shaft Diameter	9.44"			11.81"			14.17"			3.54"		
Roll Diameter	27.55"			31.49"			33.46"			8.26-11.02"		
Motor HP	60 HP			100 HP			105 HP			30 HP		
Section Modulus, in <sup>3</sup>	37-85 in <sup>3</sup>			80-290 in <sup>3</sup>			240-257 in <sup>3</sup>			610 in <sup>3</sup>		
Turning Speed	6-13 FPM			6-13 FPM			6-13 FPM					
Weight	62,832 lbs.			84,879 lbs.			121,255 lbs.			7,936		

Capacity based on mild steel | = be changed according to deformation | o Standard Rolls | • Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.





## PLANETARY MACHINE GEOMETRY

Our A-FAB and A-GIANT series angle rolls and their positions are selected after long term engineering, tests and evaluation periods. Side rolls are guided by swing beds which allows them to act as 2 independent axes moving in planetary shape. Our system allows you to bend your workpiece as little as 1.1 times the top roll diameter of your machine. The side roll approach to the top roll allow you to get perfect pre-bends as well as minimizing spring back.

Rolls are guided with single spherical roller bearings and bronze beds. Guiding system requires less lubrication and maintains long term precision.



## ROBUST FRAME CONSTRUCTION

Machine frames are strengthened to minimize twists and deformation during construction. The robust frame of the machine is further strengthened using steel bars to complete the chassis.

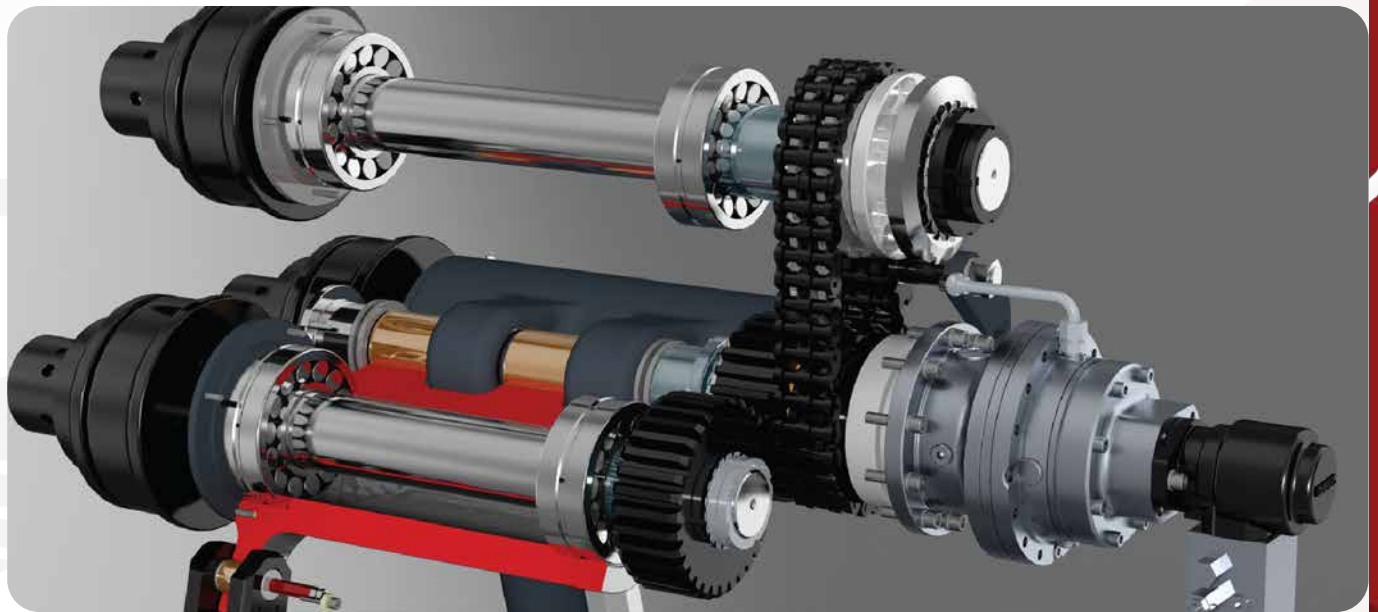
Machine frame, chassis, and steel bar connections are stress relieved after welding completion. All parts of the frame are machined using a 5 axes CNC machining center using a single reference. This way, we attain parallelism of all axes and all surfaces of the machine which contributes to the precision and longevity of all critical characteristics of the machine.



## HIGH TORQUE DRIVE SYSTEM

Using high torque, RMT machines bend the parts with less steps. Rolls are triggered by independent high torque hydraulic motors and planet gears. Trigger system is positioned on the same axis with roll and high torque is transferred to the part without any loss.

Strong Hydraulic Brakes: Especially during the pre-bending, system does not allow the part to slip back which may create safety problems.



Central gear and chain drive system standard on A-FAB 236, 314



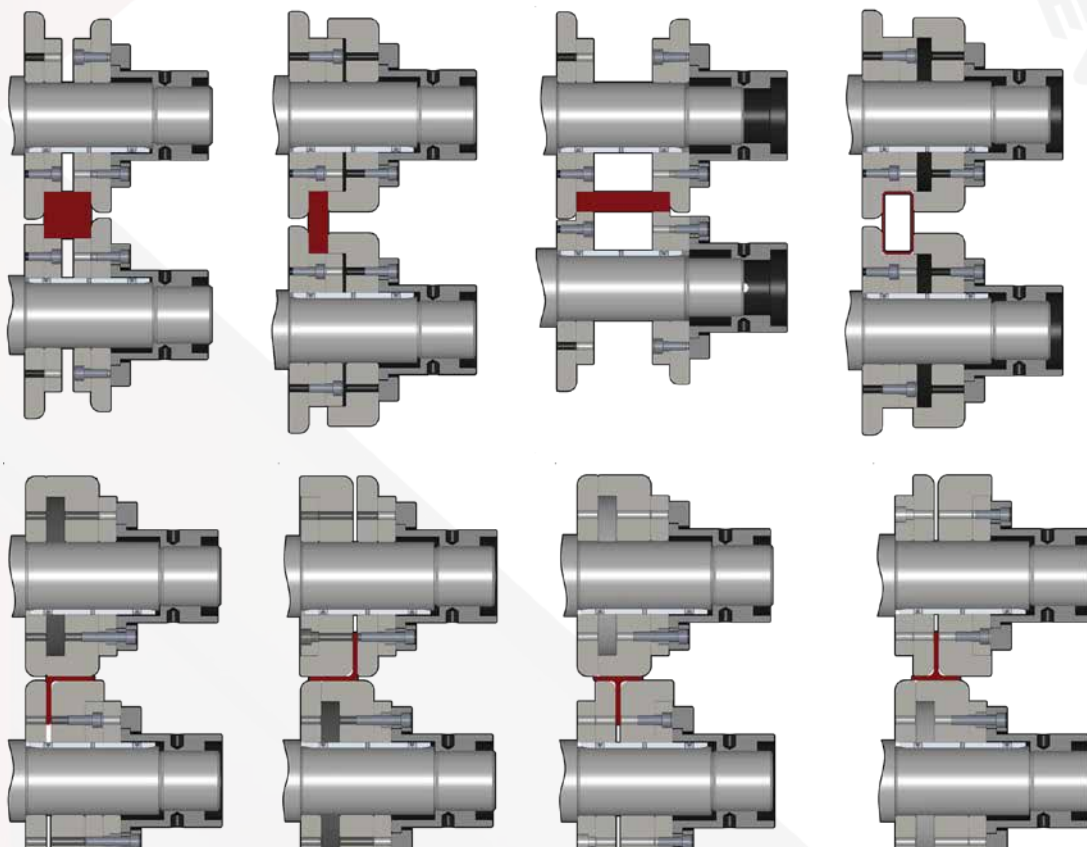


## SHAFT & DIES

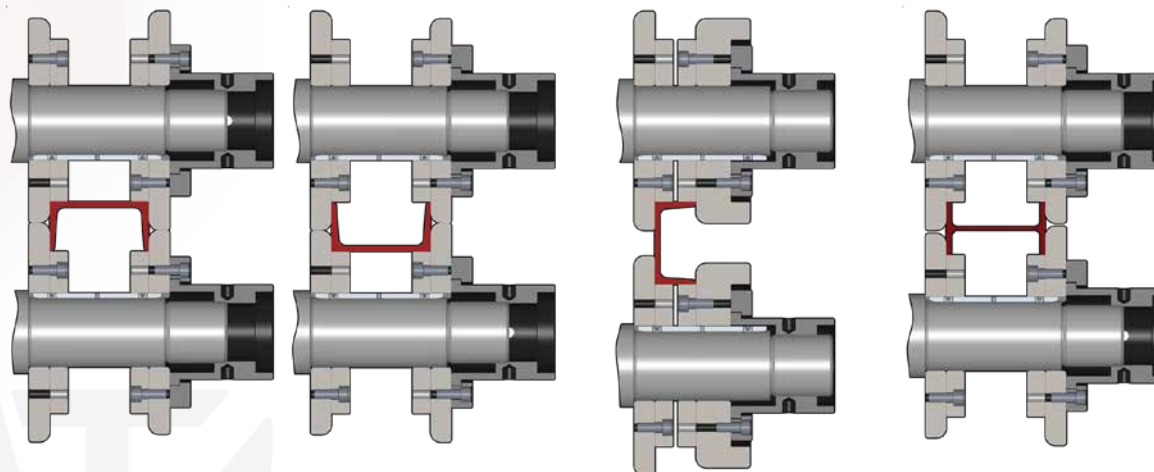
The most important element of a angle roll is the rolls themselves. Most machines in the market have weak dies that deform during the process when bending high yield materials. RMT uses high tensile forged steel rolls that are machined by high precision CNC lathes. All volume the rolls are hardened to HRC 52-56 with hardness tests performed at varying points on the dies. Die hole grind after hardening process with in tolerances.



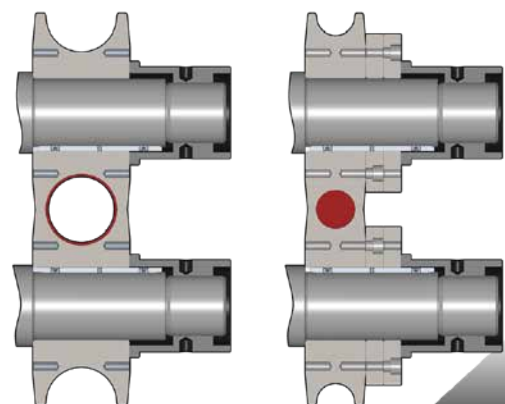
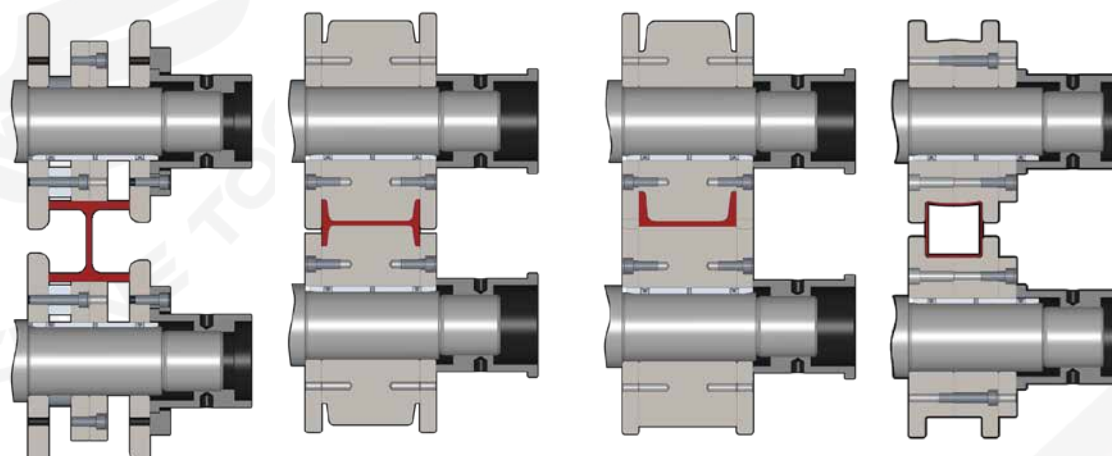
## UNIVERSAL DIES



## UNIVERSAL DIES



## CUSTOM DIES



### STANDARD

- Steel frame
- Two bottom rolls are powered
- Direct drive power system with gears
- Top roll is idle (free turning)
- Hardened rolls
- Rolls shafts are special steel material hardened and ground
- Double speed motor
- Standard rolls
- Adjustable guide rolls
- Horizontal or vertical working position

### OPTIONAL

- Pipe/Tube bending rolls
- Profile bending rolls
- Angle bending support rolls
- Digital readout
- Special lateral angle guide rolls



# A-ECO 118

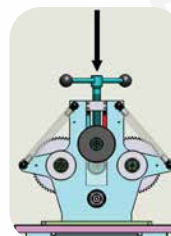
Motorized Angle Roll



RMT A-ECO 118 Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		1-1/4" x 1-1/4" 3/8" x 3/8"	36" 8"	○
Flat - Along Edge		2" x 3/8" 3/4" x 3/4"	32" 12"	○
Solid - Rectangle		3" x 5/8" 1-1/4" x 1-1/4"	28" 16"	○
Angle Leg - Out		1-1/2" x 1-1/2" x 3/16" 1-1/4" x 1-1/4" x 5/32"	24" 12"	○●
Angle Leg - In		1-1/4" x 1-1/4" x 3/16" 1-1/4" x 1-1/4" x 5/32"	24" 16"	○●X
T Section Leg Down		2" x 2" x 1/4"	24"	○
T Section Leg Out		2" x 2" x 1/4"	24"	○
T Section Leg In		2" x 2" x 1/4"	24"	○
Tubing - Square		1-1/2" x 1-1/2" x 0.120"	48" ∞	○●
Tubing - Rectangle		2" x 1-1/4" x 0.120"	48" ∞	○●
Solid - Round		Ø1-1/8"	36"	○●
Schedule 40 Pipe		1" SHC 40 1-1/2" SHC 40	20" ∞	●
Tubing - Round		Ø1" x 0.06" Ø2-3/8" x 0.06"	24" ∞ 40" ∞	●
C Section Leg - Out		2"	20"	○●
C Section Leg - in		2"	32"	○●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.



### Motion:

Upper roll moves by hand screw, side rolls are fixed.

### Rotation:

Side rolls are driven by one AC motor+gearbox  
 Upper roll is idle

**Shaft Diameter:** 1.18"

### Roll Diameters:

Top 5.82"

Bottom 4.64"

**Motor power:** 0.9 - 1.1 HP

**Max Section Modulus:** .091 in<sup>3</sup>

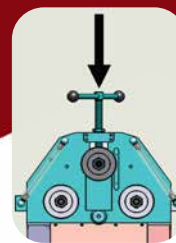
**Turning Speed:** 6-13 FPM

**Dimensions:** 24"L x 32"W x 57"H

**Weight:** 485 lbs

# A-ECO 196

Motorized Angle Roll



**Motion:**

Upper roll moves by hand screw, side rolls are fixed

**Rotation:**

Side rolls are driven by one AC motor+gearbox

Upper roll is idle

**Shaft Diameter:** 1.96"

**Roll Diameters:** 6.10"

**Motor power:** 2HP

**Max Section Modulus:** .30 in<sup>3</sup>

**Turning Speed:** 14 FPM

**Dimensions:** 30"L x 40"W x 56"H

**Weight:** 881 lbs

RMT A-ECO 196 Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		1-3/8" x 1-3/8" 3/4" x 3/4"	36" 12"	○
Flat - Along Edge		2-3/8" x 3/8"	20"	○
Solid - Rectangle		4" x 5/8"	18"	○
Angle Leg - Out		2" x 2" x 3/16"	32"	○●
Angle Leg - In		2" x 2" x 1/4"	40"	○●X
T Section Leg Down		2-3/8" x 2-3/8" x 1/4"	28"	○
T Section Leg Out		2-3/8" x 2-3/8" x 1/4"	28"	○
T Section Leg In		2-3/8" x 2-3/8" x 1/4"	28"	○
Tubing - Square		2" x 2" x 0.120"	68" ∞	○●
Tubing - Rectangle		2-3/4" x 1-1/4" x 0.080"	48" ∞	○●
Solid - Round		Ø1-3/8"	24"	○●
Schedule 40 Pipe		1" SHC 40	14" ∞	●
		2" SHC 40	40" ∞	
Tubing - Round		Ø1-1/4" x 0.080"	20" ∞	●
		Ø2-3/4" x 0.080"	40" ∞	
C Section Leg - Out		3"	40"	○●
C Section Leg - in		3"	48"	○●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.

**STANDARD**

- Steel frame
- Two rolls direct driven by a gear system
- Direct drive power system with gears
- Rolls are hardened
- Rolls shafts are special steel material hardened and ground
- Roll shaft housed by bearings
- Standard rolls
- Guide rolls
- Horizontal or vertical working position

**OPTIONAL**

- Pipe/Tube bending rolls
- Profile bending rolls
- Angle bending support rolls
- Digital readout
- Special lateral angle guide rolls

## STANDARD

- Steel welded construction frame
- 3 Rolls are motor driven
- Hardened shafts from special steel material
- Top roll hydraulic movable up-down
- Horizontal or vertical working position
- Standard rolls
- Guide rolls
- Brake motor equipped for precision bending
- Mobile control panel

## OPTIONAL

- Pipe/Tube bending rolls
- Profile bending rolls
- Angle bending rolls
- Digital readout
- Optional lateral angle guides
- NC control



# A-ECO 196H

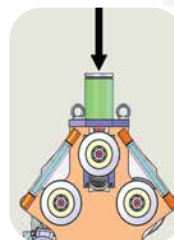
Motorized & Hydraulic Angle Roll



RMT A-ECO 196H Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		1-3/8" x 1-3/8" 5/8" x 5/8"	24" 12"	○
Flat - Along Edge		2-3/8" x 3/8"	24"	○
Solid - Rectangle		4" x 5/8"	24"	○
Angle Leg - Out		2" x 2" x 1/4"	24"	○●
Angle Leg - In		2" x 2" x 1/4"	36"	○●X
T Section Leg Down		2-3/8" x 2-3/8" x 1/4"	32"	○
T Section Leg Out		2-3/8" x 2-3/8" x 1/4"	32"	○
T Section Leg In		2" x 2" x 1/4"	32"	○
Tubing - Square		2" x 2" x 0.120"	63" ∞	○●
Tubing - Rectangle		2-3/4" x 1-1/4" x 0.080"	60" ∞	○●
Solid - Round		Ø1-3/8"	24"	○●
Schedule 40 Pipe		1" SHC 40 2" SHC 40	14" ∞ 40" ∞	●
Tubing - Round		Ø1" x 0.060" Ø2-3/4" x 0.080"	16" ∞ 48" ∞	●
C Section Leg - Out		3"	32"	○●
C Section Leg - In		3"	48"	○●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.



### Motion:

Upper roll moves by hydraulic cylinder, side rolls are fixed.

### Rotation:

All rolls are driven by one AC motor+gearbox

**Shaft Diameter:** 1.96"

### Roll Diameters:

Top 6.37"

Bottom 5.98"

**Motor power:** 1.5 HP

**Max Section Modulus:** .36 in<sup>3</sup>

**Turning Speed:** 14 FPM

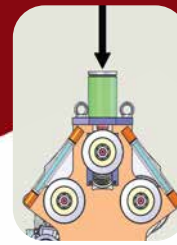
**Dimensions:** 32"L x 38"W x 60"H

**Weight:** 1,102 lbs



# A-ECO 236H

Motorized & Hydraulic Angle Roll



**Motion:**

Upper roll moves by hydraulic cylinder, side rolls are fixed

**Rotation:**

All rolls driven by one AC motor+gearbox

**Shaft Diameter:** 2.36"

**Roll Diameters:** 8.46"

**Motor power:** 2HP

**Max Section Modulus:** .061 in<sup>3</sup>

**Turning Speed:** 13 FPM

**Dimensions:** 40"L x 56"W x 65"H

**Weight:** 2,095 lbs

RMT A-ECO 236 H Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		2" x 2" 3/4" x 3/4"	32" 16"	○
Flat - Along Edge		3" x 3/4"	47"	○
Solid - Rectangle		4" x 1"	24"	○
Angle Leg - Out		2-3/4" x 2-3/4" x 1/4"	40"	○●
Angle Leg - In		2-3/4" x 2-3/4" x 1/4"	48"	○●X
T Section Leg Down		3" x 3" x 3/8"	40"	○
T Section Leg Out		3" x 3" x 3/8"	40"	○
T Section Leg In		3" x 3" x 3/8"	48"	○
Tubing - Square		2-3/4" x 2-3/4" x 0.120"	63" ∞	○●
Tubing - Rectangle		3" x 1-1/2" x 0.120"	56" ∞	○●
Solid - Round		∅2"	32"	○●
Schedule 40 Pipe		1" SHC 40	20" ∞	●
		3" SHC 40	63" ∞	
Tubing - Round		∅2" x 0.080"	20" ∞	●
		∅4" x 0.080"	63" ∞	
C Section Leg - Out		4"	30"	○●
C Section Leg - in		4"	46"	○●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.

**STANDARD**

- Steel welded construction frame
- 3 Rolls are motor driven
- Hardened shafts from special steel material
- Top roll hydraulic movable up-down
- Horizontal or vertical working position
- Standard rolls
- Guide rolls
- Brake motor equipped for precision bending
- Mobile control panel

**OPTIONAL**

- Pipe / Tube bending rolls
- Profile bending rolls
- Angle bending rolls
- Digital Read-Out
- Optional lateral angle guides
- Optional stairway bending attachment
- NC control

## STANDARD

- Cast iron frame
- 3 Rolls are powered
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Horizontal or vertical working position
- Hardened standard rolls
- Mobile control panel
- 2 Axis mechanical lateral angle guide rolls
- Brake motor equipped for precision bending
- Digital Read-Outs (2pcs)

## OPTIONAL

- Pipe, tube and profile bending rolls
- Hydraulic lateral guide rolls (2 Axis)
- Spiral bending apparatus and rolls
- NC control



# A-FAB 157

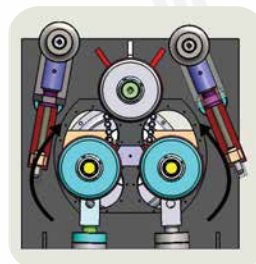
Hydraulic Angle Roll



RMT A-FAB 157 Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		3/4" x 3/4"	10"	○
Flat - Along Edge		1-3/8" x 5/16"	12"	○
Solid - Rectangle		2" x 1/2"	16"	○
Angle Leg - Out		1-3/8" x 1-3/8" x 3/16"	16"	○●
Angle Leg - In		1" x 1" x 3/16"	22"	○●
T Section Leg Down		1-3/8" x 1-3/8" x 3/16"	14"	○
T Section Leg Out		1" x 1" x 3/16"	12"	○
T Section Leg In		1-3/8" x 1-3/8" x 3/16"	12"	○
Tubing - Square		1" x 1" x 0.080"	18" ∞	○●
Tubing - Rectangle		1-3/8" x 5/8" x 0.100"	20" ∞	○●
Solid - Round		Ø1"	12"	○●
Schedule 40 Pipe		1" SCH 40	8" ∞	●
Tubing - Round		Ø1-5/8" x 0.060"	20" ∞	●
C Section Leg - Out		1-5/8" x 3/4"	14"	○●
C Section Leg - In		1-3/8" x 3/4"	20"	○●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.



### Motion:

Side rolls move by hydraulic cylinders, upper roll is fixed

### Rotation:

All rolls are driven by one hydro-motor+gearbox

### Shaft Diameter:

Top 1.57"

Bottom 1.57"

**Roll Diameters:** 5.39"

**Motor power:** 1.5 HP

**Max Section Modulus:** .18 in<sup>3</sup>

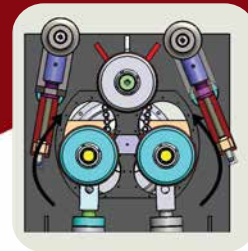
**Turning Speed:** 23 FPM

**Dimensions:** 42"L x 20"W x 50"H

**Weight:** 772 lbs

# A-FAB 236

Hydraulic Angle Roll



**Motion:**

Side rolls move by hydraulic cylinders, upper roll is fixed

**Rotation:**

All rolls driven by one hydro-motor+gearbox

**Shaft Diameter:**

Top: 2.36"

Bottom: 1.96"

**Roll Diameters:** 7.08"

**Motor power:** 4 HP

**Max Section Modulus:** .036 in<sup>3</sup>

**Turning Speed:** 16 FPM

**Dimensions:** 48"L x 34"W x 48"H

**Weight:** 2,205 lbs

RMT A-FAB 236 Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		1-1/4" x 1-1/4" 1/2" x 1/2"	16" 10"	○
Flat - Along Edge		2-3/8" x 3/8"	20"	○
Solid - Rectangle		3" x 3/4"	20"	○
Angle Leg - Out		2-1/2" x 2-1/2" x 1/4"	26"	●
Angle Leg - In		2" x 2" x 3/16"	22"	●
T Section Leg Down		2-3/8" x 2-38" x 1/4"	20"	○
T Section Leg Out		2-3/8" x 2-38" x 1/4"	22"	○
T Section Leg In		2" x 2" x 1/4"	20"	○
Tubing - Square		1-3/4" x 1-3/4" x 0.120"	24" ∞	●
Tubing - Rectangle		2" x 1" x 0.120"	18" ∞	●
Solid - Round		Ø1"-3/8"	14"	●
Schedule 40 Pipe		1/2" SCH 40 2" SCH 40	8" ∞ 16" ∞	●
Tubing - Round		Ø5/8" x 0.060" Ø2-3/8" x 0.080"	8" ∞ 24" ∞	●
C Section Leg - Out		3"	24"	●
C Section Leg - in		2-1/2"	24"	●
I Section easy way		S3-S7#	24"	●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

**STANDARD**

- Steel construction welded frame
- 3 Rolls are powered
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Horizontal or vertical working position
- Hardened standard rolls
- Mobile control panel
- 3 Axis mechanical lateral angle guide rolls
- Brake motor equipped for precision bending
- Digital Read-Outs (2pcs)

**OPTIONAL**

- Pipe, tube and profile bending rolls
- Hydraulic lateral guide rolls (2 Axis)
- NC control

Due to ongoing product development, machine specifications can change at any time.

## STANDARD

- Steel construction welded frame
- 3 Rolls are powered
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Horizontal or vertical working position
- Hardened standard rolls
- Mobile control panel
- 3 Axis mechanical lateral angle guide rolls
- Brake motor equipped for precision bending
- Digital Read-Outs (2pcs)

## OPTIONAL

- Pipe, tube and profile bending rolls
- Hydraulic lateral guide rolls (2 Axis)
- NC control



# A-FAB 314

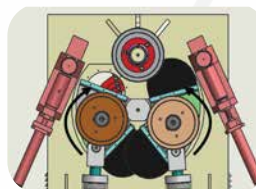
Hydraulic Angle Roll



RMT A-FAB 314 Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		1-3/4" x 1-3/4" 5/8" x 5/8"	20" 15"	○
Flat - Along Edge		4" x 3/4"	79"	○
Solid - Rectangle		5" x 1"	24"	○
Angle Leg - Out		3" x 3" x 5/16"	32"	○●
Angle Leg - In		2-3/4" x 2-3/4" x 1/4"	28"	○●
T Section Leg Down		3" x 3" x 3/8"	32"	○
T Section Leg Out		3" x 3" x 3/8"	32"	○
T Section Leg In		2-3/4" x 2-3/4" x 5/16"	32"	○
Tubing - Square		2-3/4" x 2-3/4" x 0.120"	52"∞	○●
Tubing - Rectangle		3" x 1" x 0.120"	32"∞	○●
Solid - Round		∅2"	20"	○●
Schedule 40 Pipe		1/2" SCH 40 3" SCH 40	15"∞ 32"∞	●
Tubing - Round		∅5/8" x 0.040" ∅4" x 0.100"	8"∞ 32"∞	●
C Section Leg - Out		C5-9#	63"	○●
C Section Leg - In		C5-9#	63"	○●
I Section easy way		S4-7.7#	24"	●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.



### Motion:

Side rolls move by hydraulic cylinders, upper roll is fixed

### Rotation:

All rolls are driven by one Hydro-motor+gearbox

### Shaft Diameter:

Top: 3.14"

Bottom: 2.75"

**Roll Diameters:** 9.64"

**Motor power:** 5.5 HP

**Max Section Modulus:** .97 in<sup>3</sup>

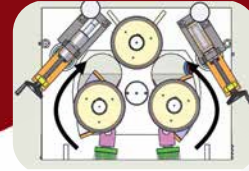
**Turning Speed:** 19 FPM

**Dimensions:** 58"L x 40"W x 56"H

**Weight:** 3,748 lbs

# A-FAB 393

Hydraulic Angle Roll



### Motion:

Side rolls move by hydraulic cylinders, upper roll is fixed

### Rotation:

All rolls driven by one hydro-motor+gearbox

**Shaft Diameter:** 3.93"

**Roll Diameters:** 12.4"

**Motor power:** 10 HP

**Max Section Modulus:** 2.44 in<sup>3</sup>

**Turning Speed:** 22 FPM

**Dimensions:** 79"L x 58"W x 67"H

**Weight:** 8,047 lbs

RMT A-FAB 393 Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		2-3/8" x 2-3/8" 5/8" x 5/8"	30" 16"	○
Flat - Along Edge		4" x 3/4"	32"	○
Solid - Rectangle		8" x 1-1/4"	50"	○
Angle Leg - Out		4" x 4" x 1/2"	40"	○●
Angle Leg - In		4" x 4" x 3/8"	40"	○●
T Section Leg Down		4" x 4" x 7/16"	40"	○
T Section Leg Out		4" x 4" x 7/16"	40"	○
T Section Leg In		3-1/2" x 3-1/2" x 3/8"	40"	○
Tubing - Square		3" x 3" x 0.200"	60" ∞	○●
Tubing - Rectangle		4" x 1-1/2" x 0.160"	52" ∞	○●
Solid - Round		Ø3"	32"	○●
Schedule 40 Pipe		1/2" SCH 40 4" SCH 40	18" ∞ 40" ∞	●
Tubing - Round		Ø5/8" x 0.040" Ø5" x 0.100"	18" ∞ 56" ∞	●
C Section Leg - Out		C7-9.8	36"	○●
C Section Leg - In		C7-9.8	40"	○●
I Section easy way		S6-12.5#	42"	●
H Section easy way		W4-13#	48"	●

Capacity based on mild steel | ∞ be changed according to deformation  
○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.

### STANDARD

- Steel construction welded frame
- 3 Rolls are powered
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Horizontal or vertical working position
- Hardened standard rolls
- Mobile control panel
- 3 Axis mechanical lateral angle guide rolls
- Brake motor equipped for precision bending
- Digital Read-Outs (2pcs)

### OPTIONAL

- Pipe, tube and profile bending rolls
- Hydraulic lateral guide rolls (3 axis)
- Variable turning speed
- NC control

## STANDARD

- Steel construction welded frame
- 3 Rolls are hydraulic powered by planetary gearbox separately
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Horizontal or vertical working position
- Hardened standard rolls
- Two speed working system
- Mobile control panel
- 3 Axis hydraulic lateral angle guide rolls
- Digital Read-Outs (2pcs)

## OPTIONAL

- All kind of pipes, tubes, profile rolls and I and U beam attachments are available upon request
- Variable turning speed



# A-FAB 472

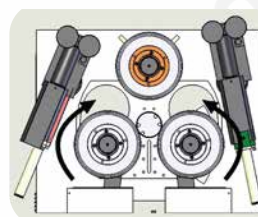
Hydraulic Angle Roll



RMT A-FAB 472 Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		2-1/2" x 2-1/2" 3/4" x 3/4"	30" 20"	o
Flat - Along Edge		5" x 1"	48"	o
Solid - Rectangle		8" x 2"	40"	o
Angle Leg - Out		5" x 5" x 1/2"	52"	o●
Angle Leg - In		4" x 4" x 3/8"	48"	o●
T Section Leg Down		4" x 4" x 7/16"	32"	o
T Section Leg Out		4" x 4" x 7/16"	32"	o
T Section Leg In		4" x 4" x 7/16"	40"	o
Tubing - Square		3-1/2" x 3-1/2" x 0.250"	71" =	o●
Tubing - Rectangle		5" x 1-1/2" x 0.160"	71" =	o●
Solid - Round		Ø3"	30"	o●
Schedule 40 Pipe		3/4" SCH 40 5" SCH 40	20" = 60" =	●
Tubing - Round		Ø2" x 0.080" Ø6" x 0.160"	20" = 111" =	●
C Section Leg - Out		C9-20#	40"	o●
C Section Leg - in		C9-20#	48"	o●
I Section easy way		S8-18.4#	40"	●
H Section easy way		W5-19#	48"	●
C Section Hard Way		C5-9#	200"	o●
I Section Hard Way		S6-12.5#	200"	●
H Section Hard Way		W4-13#	63"	●

Capacity based on mild steel | = be changed according to deformation  
o Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.



### Motion:

Side rolls move by hydraulic cylinders, upper roll is fixed

### Rotation:

All rolls are driven independent hydro-motor+gearbox

**Shaft Diameter:** 4.72"

**Roll Diameters:** 15.35"

**Motor power:** 20 HP

**Max Section Modulus:** 4.27 in<sup>3</sup>

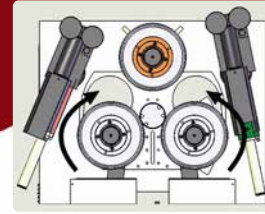
**Turning Speed:** 7-24 FPM

**Dimensions:** 79"L x 65"W x 75"H

**Weight:** 10,516 lbs

# A-FAB 629

Hydraulic Angle Roll



### Motion:

Side rolls move by hydraulic cylinders, upper roll is fixed

### Rotation:

All rolls driven by independent hydro-motor+gearbox

**Shaft Diameter:** 6.29"

**Roll Diameters:** 19.68"

**Motor power:** 30 HP

**Max Section Modulus:** 12.2 in<sup>3</sup>

**Turning Speed:** 9-19 FPM

**Dimensions:** 99"L x 93"W x 103"H

**Weight:** 23,590 lbs

RMT A-FAB 629 Specifications		Dimensions	Min. Internal Diameter	Note
Solid - Square		3-1/2" x 3-1/2" 1-1/4" x 1-1/4"	60" 28"	○
Flat - Along Edge		6" x 1-1/4"	100"	○
Solid - Rectangle		11" x 2"	60"	○
Angle Leg - Out		6" x 6" x 3/4"	90"	○●
Angle Leg - In		6" x 6" x 5/8"	120"	○●
T Section Leg Down		6" x 6" x 5/8"	80"	○
T Section Leg Out		6" x 6" x 5/8"	80"	○
T Section Leg In		5" x 5" x 5/8"	100"	○
Tubing - Square		4" x 4" x 5/16"	126" ∞	○●
Tubing - Rectangle		6" x 2" x 3/16"	120" ∞	○●
Solid - Round		Ø3-1/2"	72"	○●
Schedule 40 Pipe		1" SCH 40 6" SCH 40	28" ∞ 100" ∞	●
Tubing - Round		Ø2-1/2" x 0.080" Ø7" x 0.160"	30" ∞ 160" ∞	●
C Section Leg - Out		C12-30#	80"	○●
C Section Leg - In		C12-30#	100"	○●
I Section easy way		I12-35#	100"	●
H Section easy way		W8-31#	120"	●
C Section Hard Way		C7-14.75#	315"	○●
I Section Hard Way		S8-18.4#	200"	●
H Section Hard Way		W5-19#	170"	●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.

### STANDARD

- Steel construction welded frame
- 3 Rolls are hydraulic powered by planetary gearbox separately
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Horizontal or vertical working position
- Hardened standard rolls
- Two speed working system
- Mobile control panel
- 3 Axis hydraulic lateral angle guide rolls
- Digital Read-Outs (2pcs)

### OPTIONAL

- Pipe, tube and profile bending rolls
- Hydraulic lateral guide rolls (3 Axis)
- Variable turning speed
- NC control

## STANDARD

- Steel construction welded frame
- 3 Rolls are hydraulic powered by planetary gearbox separately
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Horizontal or vertical working position
- Hardened standard rolls
- Two speed working system
- Mobile control panel
- 3 Axis hydraulic lateral angle guide rolls
- Digital Read-Outs (2pcs)

## OPTIONAL

- All kind of pipes, tubes, profile rolls and I and U beam attachments are available upon request
- Variable turning speed
- NC control



# A-FAB 708

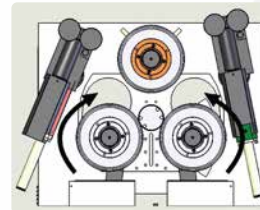
## Hydraulic Angle Roll



A-FAB 708 Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		4" x 4" 1-1/4" x 1-1/4"	72" 40"	○
Flat - Along Edge		7" x 1-1/4"	80"	○
Solid - Rectangle		11" x 2-3/8"	72"	○
Angle Leg - Out		7" x 7" x 3/4"	80"	○●
Angle Leg - In		7" x 7" x 5/8"	100"	○●
T Section Leg Down		6" x 6" x 3/4"	80"	○
T Section Leg Out		6" x 6" x 3/4"	80"	○
T Section Leg In		5" x 5" x 3/4"	105"	○
Tubing - Square		6" x 6" x 5/16"	178"∞	○●
Tubing - Rectangle		8" x 4" x 5/16"	210"∞	○●
Solid - Round		Ø4-3/8"	62"	○●
Schedule 40 Pipe		2" SCH 40 8" SCH 40	40"∞ 160"∞	●
Tubing - Round		Ø2-1/2" x 0.080" Ø8" x 0.200"	30"∞ 315"∞	●
C Section Leg - Out		C2-30#	72"	○●
C Section Leg - in		C2-30#	90"	○●
I Section easy way		I2-50#	110"	●
H Section easy way		W8-40#	100"	●
C Section Hard Way		C9-20#	315"	○●
I Section Hard Way		S8-23#	180"	●
H Section Hard Way		W5-19#	160"	●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.



### Motion:

Side rolls move by hydraulic cylinders, upper roll is fixed

### Rotation:

All rolls are driven independent hydro-motor+gearbox

**Shaft Diameter:** 7.08"

**Roll Diameters:** 22.83"

**Motor power:** 40 HP

**Max Section Modulus:** 20.74 in<sup>3</sup>

**Turning Speed:** 9-19 FPM

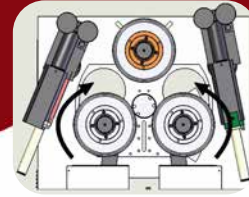
**Dimensions:** 103"L x 95"W x 119"H

**Weight:** 26,456 lbs



# A-GIANT 944

Hydraulic Angle Roll



**Motion:**

Side rolls move by hydraulic cylinders, upper roll is fixed

**Rotation:**

All rolls driven by independent hydro-motor+gearbox

**Shaft Diameter:** 9.44"

**Roll Diameters:** 27.55"

**Motor power:** 60 HP

**Max Section Modulus:** 45.76 in<sup>3</sup>

**Turning Speed:** 6-13 FPM

**Dimensions:** 122"L x 95"W x 126"H

**Weight:** 62,832 lbs

RMT A-GIANT 944 Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		5" x 5"	96"	○
Flat - Along Edge		8" x 2-3/4"	150"	○
Solid - Rectangle		15" x 3"	100"	○
Angle Leg - Out		8" x 8" x 3/4"	120"	○●
Angle Leg - In		8" x 8" x 3/4"	160"	○●
T Section Leg Down		8" x 8" x 1"	120"	○
T Section Leg Out		8" x 8" x 1"	120"	○
T Section Leg In		8" x 8" x 1"	138"	○
Tubing - Square		8" x 8" x 3/8"	240" <sup>∞</sup>	○●
Tubing - Rectangle		12" x 4" x 3/8"	315" <sup>∞</sup>	○●
Solid - Round		Ø6"	120"	○●
Schedule 40 Pipe		10" SCH 40	200" <sup>∞</sup>	●
Tubing - Round		Ø12" x 0.250"	354" <sup>∞</sup>	●
C Section Leg - Out		C15-50#	120"	○●
C Section Leg - In		C15-50#	138"	○●
I Section easy way		S18-70#	138"	●
H Section easy way		W12-79#	158"	●
C Section Hard Way		C10-25#	473"	○●
I Section Hard Way		S12-35#	473"	●
H Section Hard Way		WB-40#	276"	●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.

**STANDARD**

- Steel construction welded frame
- 3 Rolls are hydraulic powered by planetary gearbox separately
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Vertical working position
- Hardened standard rolls
- Two speed working system
- Mobile control panel
- 3 Axis hydraulic lateral angle guide rolls
- Digital Read-Outs (2pcs)

**OPTIONAL**

- All kind of pipes, tubes, profile rolls and I and U beam attachments are available upon request
- Variable turning speed
- NC control

## STANDARD

- Steel construction welded frame
- 3 Rolls are hydraulic powered by planetary gearbox separately
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Vertical working position
- Hardened standard rolls
- Two speed working system
- Mobile control panel
- 3 Axis hydraulic lateral angle guide rolls
- Digital Read-Outs (2pcs)

## OPTIONAL

- All kind of pipes, tubes, profile rolls and I and U beam attachments are available upon request
- Variable turning speed
- NC control



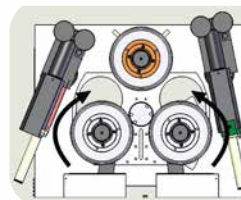
# A-GIANT 1181

Hydraulic Angle Roll

RMT A-GIANT 1181 Specifications		Dimensions	Min Internal Diameter	Note
Solid - Square		7" x 7"	100"	○
Flat - Along Edge		10" x 4"	122"	○
Solid - Rectangle		20" x 4"	100"	○
Angle Leg - Out		10" x 10" x 1"	160"	○○
Angle Leg - In		10" x 10" x 1"	180"	○○
T Section Leg Down		10" x 10" x 1"	120"	○
T Section Leg Out		10" x 10" x 1"	120"	○
T Section Leg In		9" x 9" x 3/4"	158"	○
Tubing - Square		10" x 10" x 1/2"	305"∞	○○
Tubing - Rectangle		16" x 8" x 3/8"	433"∞	○○
Solid - Round		Ø8"	216"	○○
Schedule 40 Pipe		12" SCH 40	315"∞	●
Tubing - Round		Ø1.4" x 0.250"	423"∞	●
C Section Leg - Out		C15-50#	98"	○○
C Section Leg - in		C15-50#	112"	○○
I Section easy way		S20-96#	120"	●
H Section easy way		W18-119#	200"	●
C Section Hard Way		C12-30#	580"	○○
I Section Hard Way		S15-50#	413"	●
H Section Hard Way		W10-68#	375"	●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

Due to ongoing product development, machine specifications can change at any time.



### Motion:

Side rolls move by hydraulic cylinders, upper roll is fixed.

### Rotation:

All rolls are driven independent hydro-motor+gearbox

**Shaft Diameter:** 11.81"

**Roll Diameters:** 31.49"

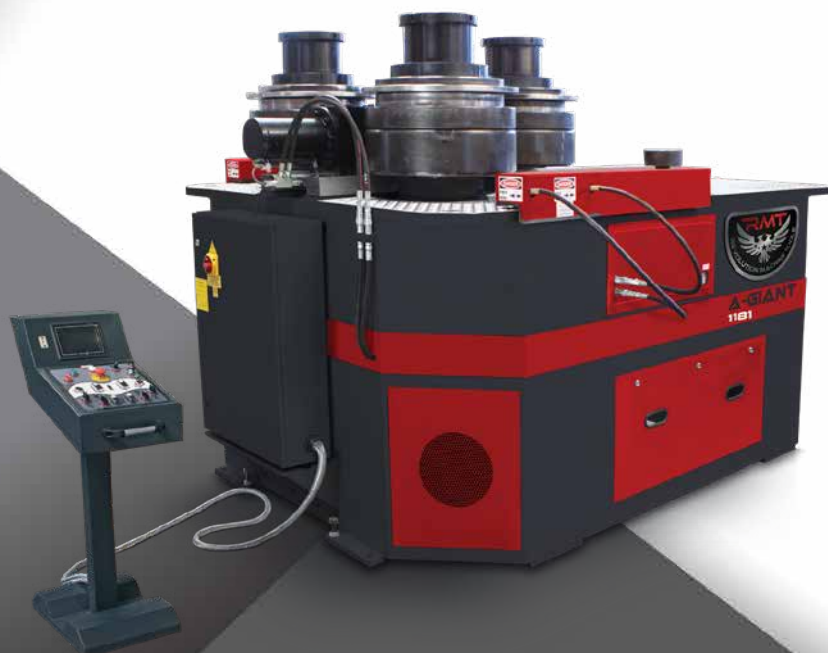
**Motor power:** 100 HP

**Max Section Modulus:** 91.53 in<sup>3</sup>

**Turning Speed:** 6-13 FPM

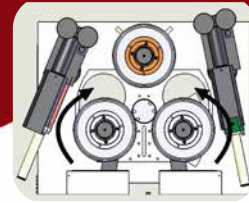
**Dimensions:** 197"L x 168"W x 148"H

**Weight:** 84,879 lbs



# A-GIANT 1417

Hydraulic Angle Roll



### Motion:

Side rolls move by hydraulic cylinders, upper roll is fixed.

### Rotation:

All rolls driven by independent hydro-motor+gearbox

**Shaft Diameter:** 14.17"

**Roll Diameters:** 33.46"

**Motor power:** 105 HP

**Max Section Modulus:** 274.6 in<sup>3</sup>

**Turning Speed:** 6-13 FPM

**Dimensions:** 187"L x 130"W x 134"H

**Weight:** 121,255 lbs

RMT A-GIANT 1417 Specifications		Dimensions	Main Internal Diameter	Note
Solid - Square		8" x 8"	126"	○
Flat - Along Edge		12" x 4"	126"	○
Solid - Rectangle		22" x 5"	126"	○
Angle Leg - Out		10" x 10" x 1"	160"	○●
Angle Leg - In		10" x 10" x 1"	160"	○●
T Section Leg Down		10" x 10" x 1"	120"	○
T Section Leg Out		10" x 10" x 1"	120"	○
T Section Leg In		10" x 10" x 1"	158"	○
Tubing - Square		12" x 12" x 5/8"	400"∞	○●
Tubing - Rectangle		20" x 10" x 5/8"	550"∞	○●
Solid - Round		Ø9"	244"	○●
Schedule 40 Pipe		16" SCH 40	472"∞	●
Tubing - Round		Ø18" x 0.300"	590"∞	●
C Section Leg - Out		C15-50#	88"	○●
C Section Leg - in		C15-50#	92"	○●
I Section easy way		S24-121#	200"	●
H Section easy way		W24-146#	255"	●
C Section Hard Way		C15-50#	826"	●
I Section Hard Way		S18-54.7#	787"	●
H Section Hard Way		W12-87#	473"	●

Capacity based on mild steel | ∞ be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools  
 Due to ongoing product development, machine specifications can change at any time.

### STANDARD

- Steel construction welded frame
- 3 Rolls are hydraulic powered by planetary gearbox separately
- Hardened and ground shafts made of high tensile special steel
- Rolls are hardened and ground
- Vertical working position
- Hardened standard rolls
- Two speed working system
- Mobile control panel
- 3 Axis hydraulic lateral angle guide rolls
- Digital Read-Outs (2pcs)

### OPTIONAL

- All kind of pipes, tubes, profile rolls and I and U beam attachments are available upon request
- Variable turning speed
- NC control

RMT AB series angle rolls are designed to form steel or aluminium tubes and profiles. OUR CNC control technology can calculate all bending steps. Creation of the programs has never been easier or faster or the bending results better than with our new CNC control. The side roll can be variably adjustable. The AB is also suitable for bending heavy profiles precisely and with high quality. The dies are a modular design made from individual discs. The roller discs can be expanded and combined arbitrarily. Roller disc combinations can be made from steel and plastic.

All rolls are individually and directly driven. No chain drives or sliding clutches are used. The speed is automatically adapted to the diameter of the rollers as well as the profile width and the bending radius. Damage to the profile is avoided and the greatest possible feed force is achieved. The drives offer the highest torque, are maintenance-free and overload-proof.



# AB-4 CNC

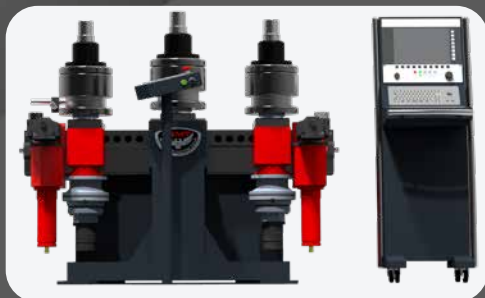
## CNC Angle Roll

AB-4 CNC Specifications		
Section modulus (max)	6.10	in <sup>3</sup>
Max. Rectangle tube bending capacity	HSS-6x3x.250 (A36)	Inch
Max. Square tube bending capacity	HSS-5x5x.250 (A36)	Inch
Max. Round tube bending capacity	6" SCH 40 (A36)	Inch
Shaft Diameters	3.54	Inch
Rolls Diameters	8.26 - 11.02	Inch
Shaft Length	12.20	
Max traveling distance of central roll (X)	16.14	Inch
Hydraulic bending force of central roll (X)	57	US Ton
Hydraulic bending torque	3 x 2655	Lb-Ft
Side rolls opening distances	17.38-29.02-39.34 23.07-37.79-43.30-47.04-51.97	Inch
Side supports stroke (Z1-Z2)	5.11	Inch
Bending speed	0-20 Can be adjustable	Rpm
Number of axes	X, R optional (Z1,Z2)	#
Positioning	VIS Hydraulic proportional flow control	
Air Pressure	87	PSI
CNC control	Esa	
Electrical hardware	Siemens, Schneider, Weid Müller, Hager-Gem, 800 class electrical cabinet	
Hydraulic Hardware	Duplomatic (Made in Italy)	
Dimensions (LxWxH)	77x65x59	Inch
Weight	7936	Lbs
Operating Voltages	480 / 3PH / 60Hz	V
Power Consumption	.30	HP
Full Load Amps (380 V / 3 phase)	43	Amps

Capacity based on mild steel | = be changed according to deformation  
 ○ Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools  
 Due to ongoing product development, machine specifications can change at any time.



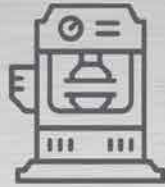
# CNC ANGLE ROLL



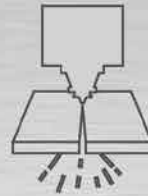
RMT AB-4 Specifications		Dimensions	Min. Internal Diameter	Note
Solid - Square		1" x 1" 3" x 3"	20" 48"	o
Flat - Along Edge		5" x 1"	48"	o
Solid - Rectangle		10" x 1"	40"	o
Angle Leg - Out		4" x 4" x 3/8"	80"	o●
Angle Leg - In		4" x 4" x 3/8"	100"	o●
T Section Leg Down		5" x 5" x 1/2"	80"	o
T Section Leg Out		5" x 5" x 1/2"	80"	o
T Section Leg In		5" x 5" x 1/2"	100"	o
Tubing - Square		4" x 4" x 0.250"	60" ∞	o●
Tubing - Rectangle		5" x 2-1/2" x 0.187"	80" ∞	o●
Solid - Round		0.3-1/2"	60"	o●
Schedule 40 Pipe		1" SCH 40 6" SCH 40	15" ∞ 120" ∞	●
Tubing - Round		0.1" x 0.080" 0.4" x 0.100"	15" ∞ 40" ∞	●
C Section Leg - Out		C10-20#	60"	o●
C Section Leg - in		C10-20#	65"	o●
I Section easy way		S6-12.5#	60"	●

Capacity based on mild steel | ∞ be changed according to deformation  
 o Standard Rolls | ● Special Rolls | X Special Support Rolls | ▲ Special Tools

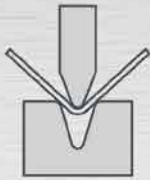
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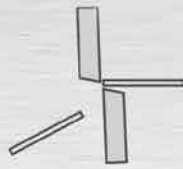
*Hydraulic Presses*



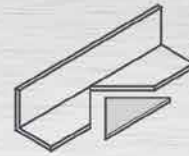
*Fiber Lasers*



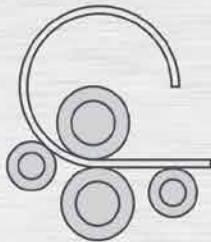
*Press Brakes*



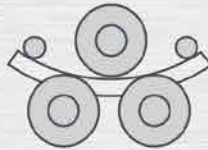
*Shears*



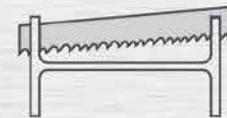
*Ironworkers*



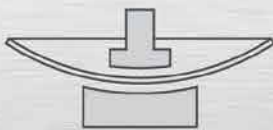
*Plate Rolls*



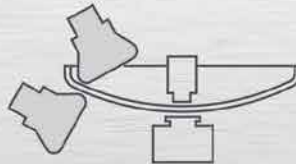
*Angle Rolls*



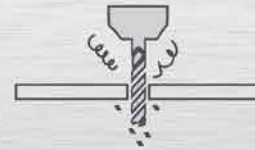
*Bandsaws*



*Dishing Presses*



*Flanging Machines*



*Drilling Machines*

*"If you need a machine and don't buy it, you'll find that you have paid for it anyway, but don't have it."  
Henry Ford*

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