



# Semi-Automatic Ferro

Semi-Automatically operated saw with pneumatic vise ideal for short to medium production runs of all steel, aluminum and tubing.

## Features:

- 208/230/460/60/3 Electricals
- Totally Enclosed Fan-Cooled Motor
- Enclosed Worm Gear Drive for trouble-free Operation
- Automatic Cutting Cycle
- Automatic feed rate
- Auto Shut-off & Unclamping at end of Cut (FA, FS)
- Cast Iron Construction
- Self-Centering Vise with Angle Scale
- Head Rotates 45 Degrees left and right of Center
- Flood Coolant System (FS & FHC Models)
- Mist-matic Coolant System (FA Models)
- Serrated Vise Jaws (CS)
- Heavy Duty Sheet Metal Base
- Adjustable Stock Stop (Models FHC350SA only)
- Foot pedal cycle start (Models FHC350SA only)
- Circular Saw Blade ■ Tool Kit
- Operation and Maintenance Manual
- Two (2) Year Limited Warranty

## Optional Equipment: (all models)

- Adjustable stock stand
- 5 or 10 foot roller stock table

## Optional Equipment: (FS350SA & FA350SA models)

- Adjustable stock stop
- Aluminum 90° vise wear plates (FA350SA)
- Steel 90° vise wear plates (FS350SA)
- Diamond shape vise wear plates
- Short length stock stop (FA350SA)
- Speed change kit
- Foot pedal cycle start
- Powered overhead clamp
- Fixture mounting table
- Vacuum chip removal system (FA350SA)
- Variable vise pressure
- Variable feed pressure
- Head/vise pressure

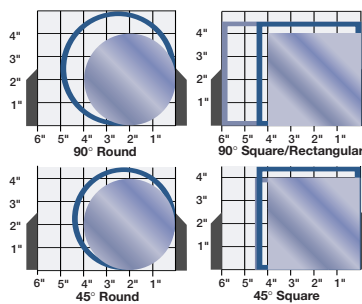
(For part numbers see page 10)



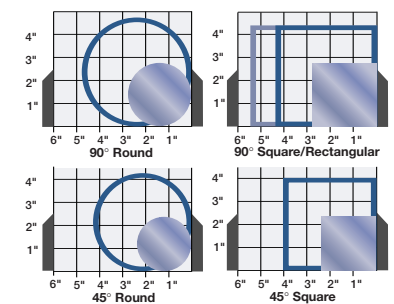
FA350SA

## Capacity Charts

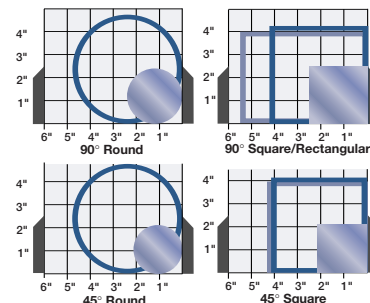
### FA350SA



### FS350SA



### FHC350SA



# us and Nonferrous Cutting Machines



FS350SA  
Shown with optional stock stop



FHC350SA

Specification	FA350SA	FS350SA	FHC350SA
Drive Motor	5 hp	1.5 hp/3 hp	2 hp/3 hp
Angles (left & right)	45°	45°	45°
Electricals	208/230v. or 460v. - 3ph	208/230v. or 460v. - 3ph	230v. or 460v. - 3ph
Control	110v.	110v.	110v.
Coolant	Standard	Standard	Standard
Spindle Speeds (rpm)	1700/3400	20/40 or 30/60	26/52
Max. Blade Size	14" (350mm)	14" (350mm)	14" (350mm)
Max. Vise Opening	6"	6"	6"
<b>Recommended Cutting Capacity</b>			
Round tube @ 90°	5"	4¾"	4¾"
Round tube @ 45°	4½"	4¼"	4¾"
Square tube @ 90°	4½"	4¾"	4¼"
Square tube @ 45°	4½"	4"	4½"
Rectangular tube @ 90°	6" x 4½"	5½" x 4¾"	5½" x 4"
Rectangular tube @ 45°	4½" x 4"	4" x 4"	4¼" x 4"
Round solid @ 90°	4"*	2¾"	2¾"
Round solid @ 45°	4"*	2¾"	2½"
Square solid @ 90°	4"*	2¾"	2½"
Square solid @ 45°	4"*	2¾"	2½"
<b>Dimensions</b>			
Length x Width	40" x 50"	40" x 50"	51" x 34"
Height	70"	70"	59"
Net Weight	1,155 lbs.	1,255 lbs.	780 lbs.
Shipping Weight	1,300 lbs.	1,400 lbs.	900 lbs.

\* The FA350SA will cut solid material up to 4" round and square, however, the feed rate must be reduced to avoid overloading the blade with chips and it is strongly recommended that the machine be fitted with an optional high capacity chip removal system. Please contact the factory for advice that is tailored to your particular requirements.

**Notes:**

1. Solid capacities based on mild steel.
2. When cutting stainless steel or other difficult-to-cut materials, use a blade no larger than 12½" (315mm).