



F / PV / AC SERIES

Sawing Machines with Mitre Cutting

F series / Manually Operated

PV series / Automatic Air Clamping Vise

AC series / Automatic Cutting & Air Clamping Vise

F / PV / AC series

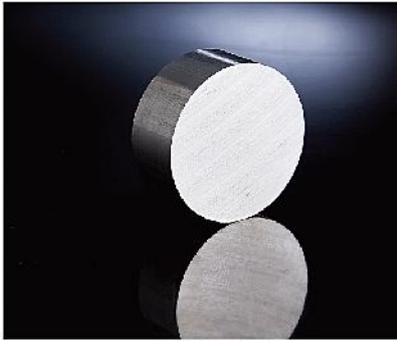
Sawing Machines with Mitre Cutting

Machine Features :

MC-275F/PV/AC

MC-315F/PV/AC

MC-370F/PV/AC



- Burr Free & Less Dust:

Self-Centering vise with two sides clamping to solidly hold the work piece and ensure a smooth and burr free cutting surface. Low operation noise and low pollution working environment

- Fast, Precision & Clean:

Compared to Band Sawing, Circular Sawing is much more economical, faster in cutting, more precise, and cleaner finish

- Mitre Cutting:

The Saw Head can be swiveled either direction at various degrees for mitre cutting, providing excellent precision in angle accuracy

- Cooling System:

Equipped with electrical cooling pump and a large coolant tank to ensure excellent working temperature on the Saw Blade and the Work Piece, as well as a smooth cutting surface and longer blade life

- Length Stopper:

Standard with adjustable length gauge and stopper

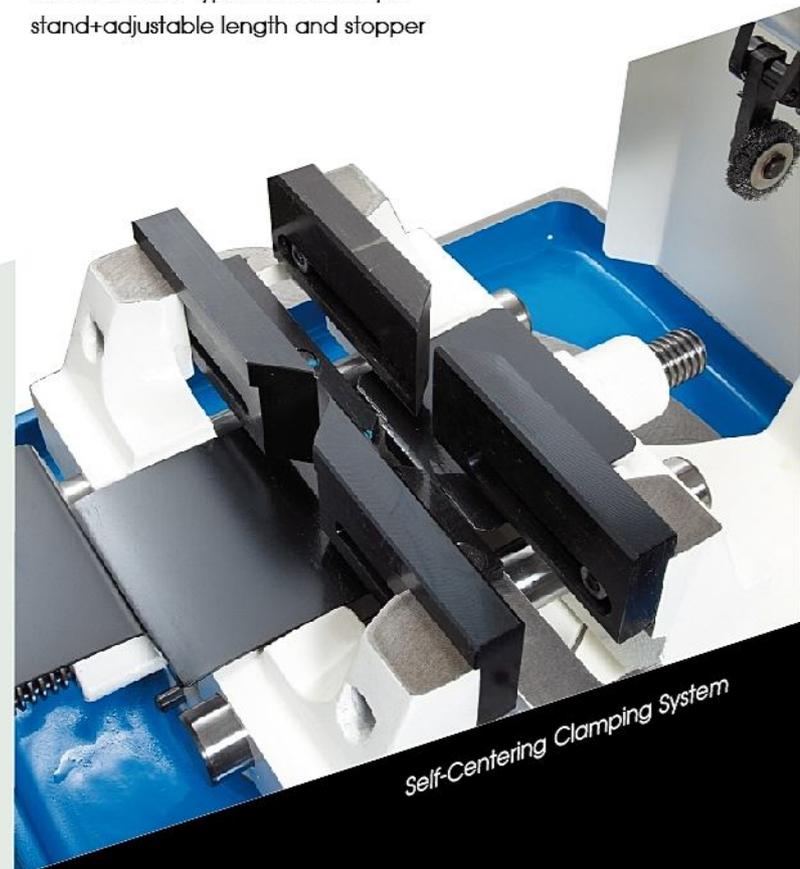
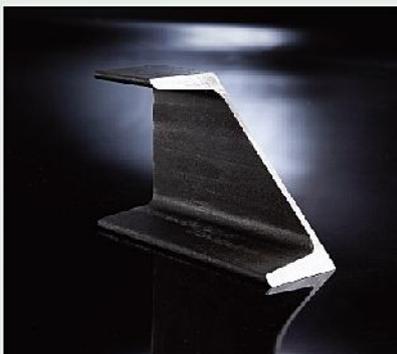
- Optional 2 part clamps for thin wall tubing

- Optional Roller Table:

RTI: Roller type material input stand

RTO+MS: Roller type material output

stand+adjustable length and stopper



Self-Centering Clamping System

F - Manually Operated
MC-275F / MC-315F / MC-370F



MC-275F



MC-315F



MC-370F

AC - Automatic Cutting & Air Clamping Vise
MC-275AC / MC-315AC / MC-370AC



MC-275AC



MC-315AC



MC-370AC

PV - Automatic Air Clamping Vise
MC-275PV / MC-315PV / MC-370PV



MC-275PV

Specifications / Model		MC-275F/PV/AC			MC-315F/PV/AC			MC-370F/PV/AC					
Cutting Angle		90°		45°		90°		45°		90°		45°	
Cutting Capacity (mm)	○ Round Tube	Ø80		Ø80		Ø100		Ø100		Ø115		Ø115	
	□ Square Tube	75 x 75		50 x 50		90 x 90		85 x 85		100 x 100		85 x 85	
	└ Angle Bar	75 x 75		50 x 50		90 x 90		85 x 85		100 x 100		85 x 85	
	▭ Rectangular Tube	75 x 90		25 x 50		85 x 100		85 x 85		100 x 100		85 x 85	
	● Solid Round Bar	Ø38		Ø25		Ø55		Ø45		Ø75		Ø50	
	■ Solid Square Bar	38 x 38		25 x 25		50 x 50		40 x 40		75 x 75		50 x 50	
Spindle Speed (60Hz)	A	120 / 60 RPM			100 / 50 RPM			44 / 22 RPM					
	B	60 / 30 RPM			50 / 25 RPM			22 / 11 RPM					
Saw Blade Type and Diameter		Ø250 / Ø275mm			Ø275 / Ø300 / Ø325mm			Ø300 / Ø350 / Ø370mm					
		HSS Saw Blade (Arbor Hole Ø32mm Pin Hole 2 x Ø11 x 63mm P.C.D)											
Saw Blade Lubricating		Water Based Cooling Circulation System											
Dimension (mm) (L x W x H)		1000 x 750 x 1610 (F & PV) 1100 x 850 x 1610 (AC)			1100 x 850 x 1610 (F & PV) 1250 x 850 x 1610 (AC)			1000 x 850 x 1610 (F & PV) 1300 x 850 x 1610 (AC)					
Weight (Kg)		F	PV	AC	F	PV	AC	F	PV	AC			
		210	250	310	220	257	320	320	360	420			

Due to continuous improvements and designs : the manufacturer reserves the right to modify or make any change of all models without notice.

(※1) CE type is by request

(※2) Material hardness under HRC15