



Specifications / Model			SA-65/2-MA6 (Standard)	SA-65/2-MBA6-AM	
Working Station	4 Processes			Cutting + Chamfering + Washing	Cutting + Chamfering + Washing + Length Measuring (Optional)
Sawing	Capacity	Round Tube	O.D. ( mm )	Ø12 - Ø65	
			Wall Thickness ( mm )	Less than 5	
		Round Bar	Diameter ( mm )	Ø12 - Ø35	
	Cutting Length ( mm )			25 - 350	
	Machine	HSS Saw Blade	O.D. ( mm )	Ø315 - Ø360	
			Cooling System	Water Based Cooling or Oil Mist System	
	Sawing Axis			1 Electric Servo	
Chip Collector			Automatic Collection System		
Machining	Chamfering Axis			2 Electric Servo	
	Capacity	Round Tube	O.D. ( mm )	Ø12 - Ø65	
			Processing	Inside & Outside Chamfering + Facing	
	Round Bar	Diameter ( mm )	Ø12 - Ø35		
		Processing	Outside Chamfering C3 (max.)		
Washing / Cleaning	Lubricant			High Pressure, Water Based Lubricant	
Length Measuring	Measuring Axis			-----	2 Electric Servo
Material Feeding	Feeding Axis			1 Electric Servo	
Material Loading (*)	Loading Systems			Sliding Loader ( MA6 )	Bundle Loader ( MBA6 )
	Loading Length ( mm )			3000 - 6500	
	Max. Material Weight ( Kg )			4000	
Turret			1 Electric Servo		
Machine Dimensions ( mm ) ( L x W x H )			10750 X 3000 X 2000		
Machine Weight ( Kg )			Machine 5000 / Loader 1500 Cooling Tank 635 / Electric Cabin 850		

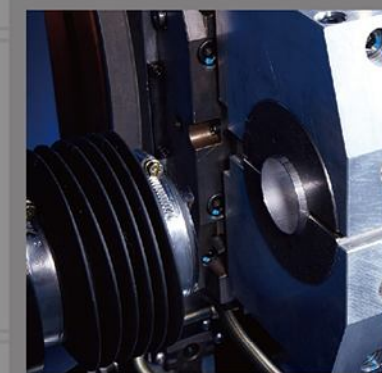
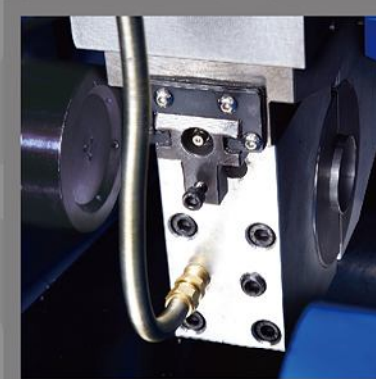
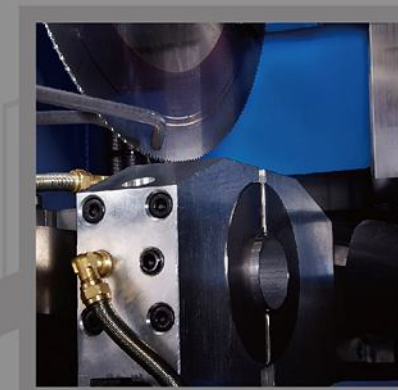
(\*) There are various types of magazine suitable for different materials  
 Due to continuous improvements and designs : the manufacturer reserves the right to modify or make any change of all models without notice.



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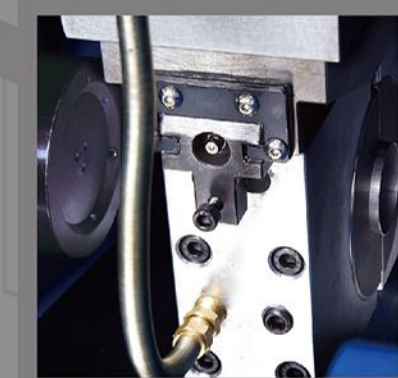
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# SA-65/2

## CNC TUBE AND BAR MACHINING CENTER

5 ~ 7 CNC servo controlled axis  
 4 Processes in 1 Machine  
 ( Sawing + Machining + Washing + Length Measuring )



台灣精品 2008  
 TAIWAN EXCELLENCE

Complete Solution for  
 Tube and Bar



# SA-65/2

SOCO SA-65/2 CNC Tube and Bar Machining Center incorporates 4 Processes in 1 machine and max. 7 electric servo controlled axis . The unique design from Loading, Feeding, Sawing, Machining, Washing, Measuring and Unloading. The multiple processes brings the highest production performance and speed for best manpower and time saving.

- Combination of 4 processes in 1 machine for Tubes and Solid Bars:
  - Cutting
  - Machining (Chamfering / Facing / Centering)
  - Washing
  - Length Measuring (AM System - Optional)
- Additional Machining Units may be added for:
  - Threading
  - Turning
  - Tapping
  - Drilling
- Equipped with MA6 (Sliding Loader) or MBA6 (Bundle Loader)
- 5 ~ 7 CNC servo controlled axis and equipped with IPC interface
- Capacity up to Ø65mm and length range of 25mm ~ 350mm
- SOCO i2® Touch Screen graphical controls with automatic recommendation of cutting parameters
- Automatic first and crop cuts separation
- Separation of Working vs. Rejected Pieces when using AM System
- Simultaneous operation of all 4 stations
- Extreme processing speeds
- Rigid and reliable structure provides +/- 0.05 mm length tolerance

#### SOCO i2® Software:

- Easy to use + Intuitive Graphics
- Self diagnostics + Error messages display
- Multiple Languages Operational Interface
- Automatic calculation work piece quantities based on stock length
- Monthly outputs and parameter can be recorded
- Real-Time I/O status display and the position of each working axis
- Overload protection - SA-65/2 will stop and display when excessive stress over saw blade or chamfering tooling

#### Options :

- Automatic Length Measuring
- Sliding Loader MA6 ( Rack type )
- Bundle Loader MBA6
- Various Machining Processes

