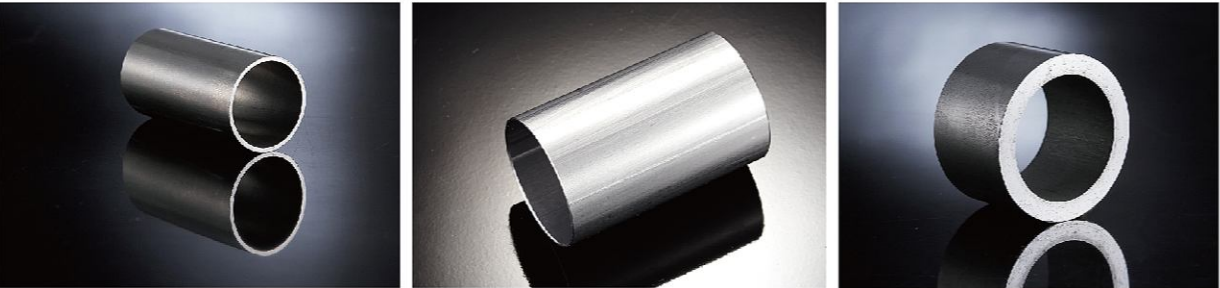


Specifications / Model			SA-80CNC-ST-M6-80	
Cutting Capacity (※2)	Round Tube (mm)	Single Tube	Ø12 ~ Ø80	
		Dual Tubes	Ø10 ~ Ø40	
Saw Blade Type and Diameter (mm)			H.S.S.	H.S.S. + T.C.T.
			Ø275 ~ Ø350	Ø285 ~ Ø360
Saw Blade Lubricating			Water Based Cooling Circulation System	Oil Mist Spray System
Spindle Speed (R.P.M.)			25 ~ 180	
Cutting Head Feeding Axis			Electric servo	
Feeding Stroke (mm)			6 ~ 1000	
Cutting Length (mm)			6 ~ 1000	
Chip Disposal			Automatic Chip Conveyor	
Feeding Axis			Electric Servo	
Number of Cutting Length Per Tube			1	
Max. Program Storage Files			120 sets	
Software and Interface			SOCO i2 Controls + Touch Screen	
M6 Material Length (mm)			3000 ~ 6200	
M6 Loading Capacity (Kg)			1700	
Dimensions (L x W x H) (mm)			8100 x 2100 x 2000	
Machine Weight (Kg)			4250	

※ 1 : Material hardness under HRC15
 ※ 2 : For round tubes < Ø15: (a) The original material length must be shorter than 4500 mm
 (b) The straightness must be within 10 mm in 4500 mm
 Due to continuous improvements and designs; the manufacturer reserves the right to modify or make any changes of all models without notice.

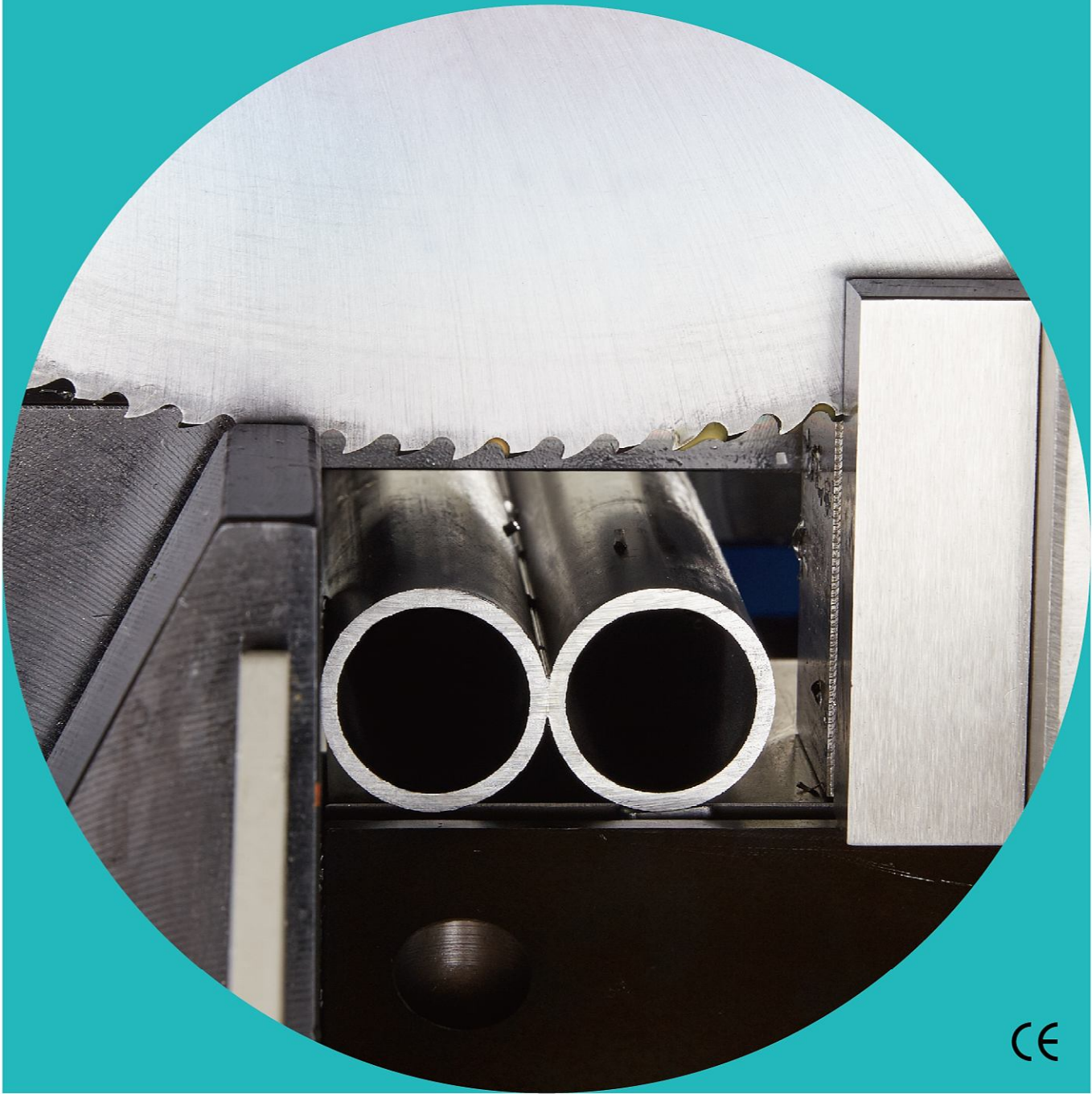




SA-80CNC-ST

Complete Solution for Tube and Pipe

Double Tubes Cutting Line




SA-80CNC-ST

Double Tubes Cutting Line

Automation

- 2 Electric Servo Axis – Feeding and Cutting
- M6 - Automatic loading magazine for tubing up to 6 meters in length
- Automatic single or double tube loading, feeding and cutting
- Automatic separation of working pieces vs. crop cuts
- Positive & Gripper feed

Dynamic Cutting

- Automatic speed variation through entire cut
- Automatic variation for single tube, double tubes or single solid bar

Highest Production

- Suitable for non-stop, 24 hours operation
- Single or Dual Tubes Cutting
- Speed Inverter System

Flexibility and ease of use

- Touch screen system for operation, file editing and storage
- Self-diagnostics and error display on-screen for troubleshooting

Precision

- Electric servo Feeding
- Electric servo Cutting
- Floating feeding carriage

Superior Design = Longer Blade Life

- Patented backlash eliminating system
- Dual Linear Guide Vertical Slides for the Cutting Head, ensuring smooth cutting and longer blade life.
- High efficiency gearbox with patented brake system
- High pressure blade cooling system

SOCO i2 Controls

- Automatic calculation of dynamic cut speed
- Graphical Interface
- Large file storage DB
- Fast setup time

Cutting Efficiency

Example 1

Saw Blade: HSS Saw Blade

Work Piece : Mild Steel

O.D. 38.1mm x 4t x 29 mm (Length)

Per Cut : 2 Tubes

Cycle Time : 5 +/- 1 sec

Example 2

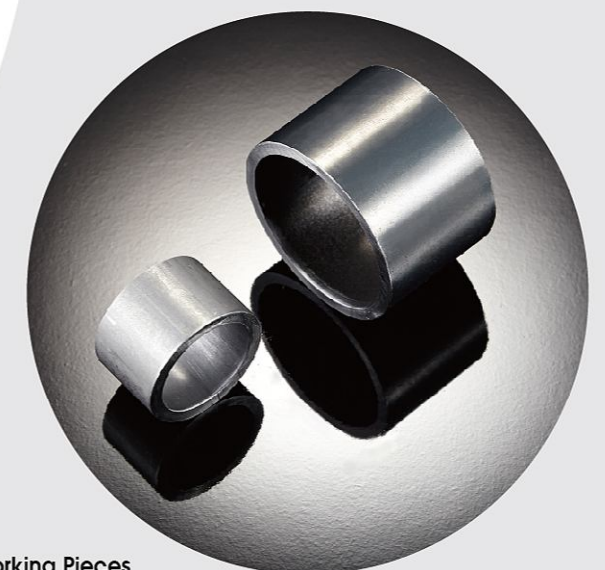
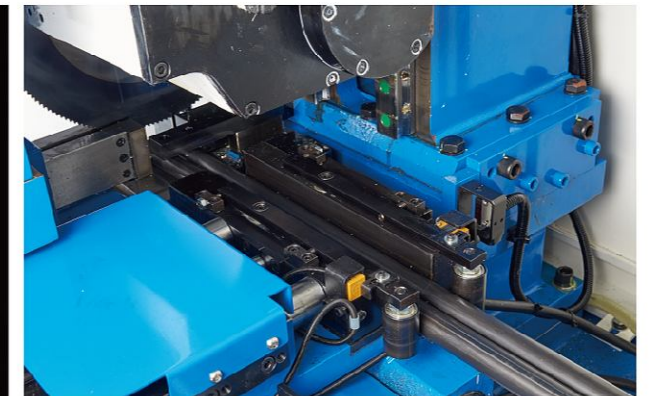
Saw Blade : HSS Saw Blade

Work Piece : Mild Steel

O.D. 25.1mm x 2t x 50 mm (Length)

Per Cut : 2 Tubes

Cycle Time : 4 +/- 1 sec



Working Pieces

- SA-80CNC-ST-M8-80
(8M Loader)