

STERLING

STC GA CNC Servo Twin Column Automatic Bandsaw

Sterling's range of bandsaws are one of the leading brands in the metal cutting world. The Sterling STC GA CNC twin column, automatic, mitre bandsaw being no exception. This a fully automatic machine in a twin-column design ideally suited for cutting solid material, as well as pipes, profiles and beams in steel cutting, with mitring capacities. Capable of 30 programs of 50 cuts each.



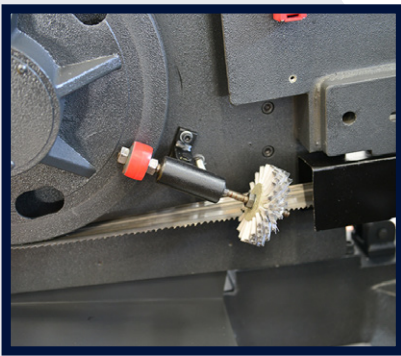
STC 325 GA CNC SERVO

Machine Features

- Twin column rigidity
- Fully automatic CNC
- Up to 60° Mitre
- Hydraulic clamping of mitre angle
- Hydromechanical Blade Tension
- Inverter drive providing infinitely variable blade speed
- Automatic bow return
- Hydraulic vice
- Hydraulic feeding vice
- Hydraulic rear vice
- Optical height adjustment
- Heavy duty gear box
- CNC control panel
- Sensitive cutting pressure regulation
- Swarf brush
- Carbide blade guides
- Flood Coolant system

Optional Equipment

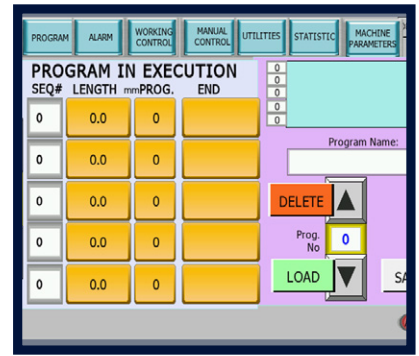
- Hydraulic blade tension
- Hydraulic top clamps
- Chip conveyor
- Spray mist lubrication
- Laser cutting line
- Hexagonal Vice for bundle cutting
- Roller track and measuring systems



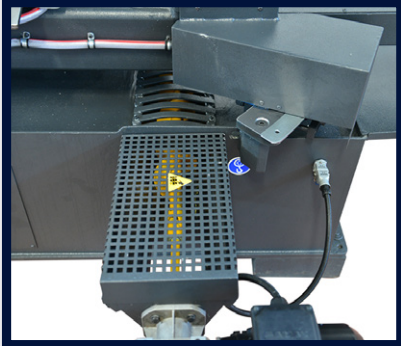
SWARF WHEEL



HYDRAULIC VICE



OMRON CONTROLLER



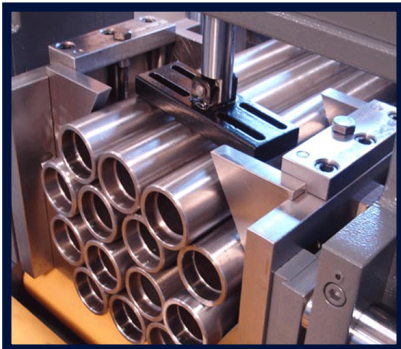
CHIP CONVEYOR (OPTIONAL)



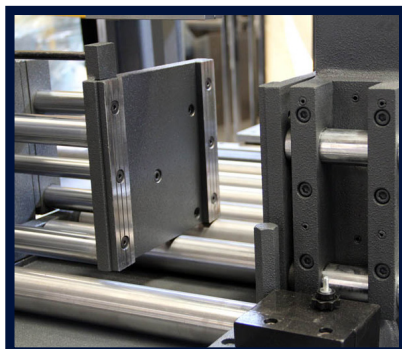
SENSITIVE CUTTING PRESSURE



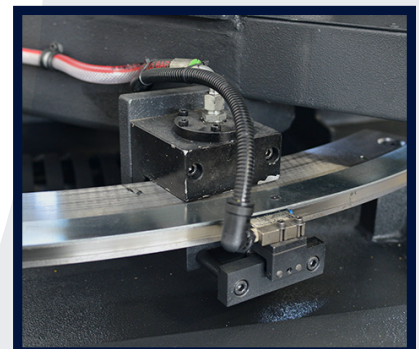
HYDRAULIC FEEDING VICE



HEXAGONAL VICE (OPTIONAL)



REAR VICE



HYDRAULIC CLAMPING ANGLE

TECHNICAL SPECIFICATIONS

MODEL	STC325 GA CNC SERVO				STC440 GA CNC SERVO				STC540 GA CNC SERVO			
Capacity	0°	30°	45°	60°	0°	30°	45°	60°	0°	30°	45°	60°
mm	325	325	300	200	450	450	430	320	540	540	510	270
mm	315	315	300	200	425	425	425	290	540	540	450	250
mm	400 x 315	380 x 315	300 x 315	200 x 315	610 x 425	560 x 425	430 x 425	260 x 425	670 x 540	600 x 540	450 x 540	250 x 540
Bed Height	655				807.5				805			
Blade Size	4380 x 34 x 1.1				5400 x 41 x 1.3				6000 x 41 x 1.3			
Cutting Speed	20 - 100				20 - 100				20 - 100			
Main Motor	2.2				4				4			
Hydraulic Motor	1.1				1.1				2.2			
Tolerances	0.1				0.1				0.1			
PLC Controller	Omron Touchscreen				Omron Touchscreen				Omron Touchscreen			
Program	30 Program - 50 Steps				30 Program - 50 Steps				30 Program - 50 Steps			
Stroke Length	700				700				700			
Remnant Piece (Scrap Length)	255 (Automatic Mode) 50 (Manual Mode)				290 (Automatic Mode) 55 (Manual Mode)				310 (Automatic Mode) 60 (Manual Mode)			
Max. Feeding	6000				6000				6000			
Length	2,130				2850				3000			
Width	2,150				2350				2450			
Height	1,650				2000				2250			
Weight	1,860				3600				4190			
Operation	Automatic				Automatic				Automatic			
Vice	Hydraulic				Hydraulic				Hydraulic			