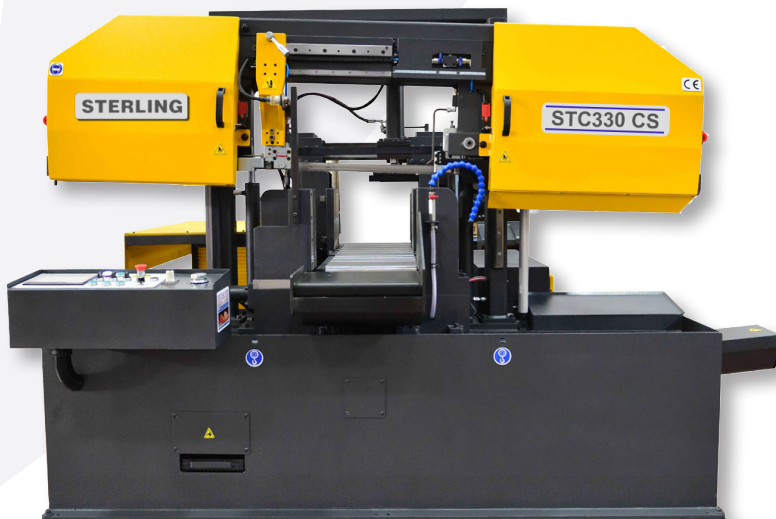


### STERLING

## STC CS NC Twin Column Automatic Bandsaw

Sterling's range of bandsaws are one of the leading brands in the metal cutting world. The new CS series is designed to maximize our customers' production of heavy metal, profile and pipe cuts in high-volume units with a fully automatic servo feeding system. This a fully automatic machine in a two - column design ideally suited for cutting solid material, as well as pipes, profiles and beams in steel cutting.

The Omron CNC touch screen controller on this saw enables the user to set-up to 30 different programmes, each with 50 steps for automatic cutting, simply punch in your lengths and quantities, and let the saw do the work for you. This allows you to save and store regular jobs for quick reference and use, speeding up production time-scales.



**STC 330CS NC**

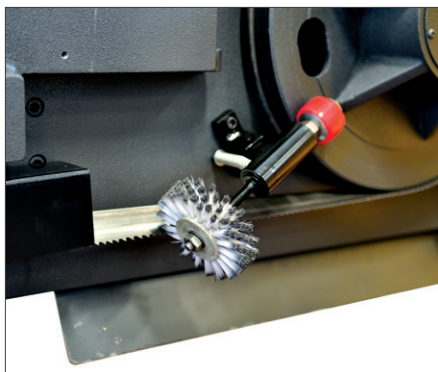
### Machine Features

- Twin column rigidity
- Fully automatic NC
- Hydromechanical Blade Tension
- Inverter drive providing infinitely variable blade speed
- Automatic bow return
- Hydraulic vice
- Servo feeding with 700mm stroke
- User-friendly Omron touch screen
- Highly efficient gearbox
- CNC control panel (30 Programs - 50 steps)
- Sensitive cutting pressure regulation
- Swarf brush
- Chip Conveyor
- Carbide blade guides
- Flood Coolant system

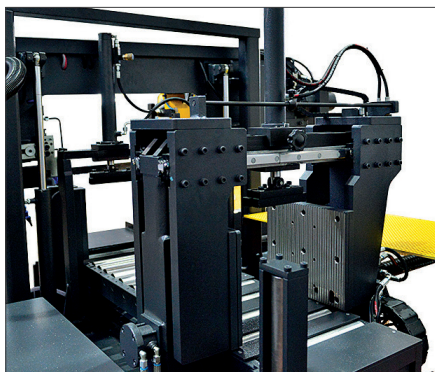
### Optional Equipment

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





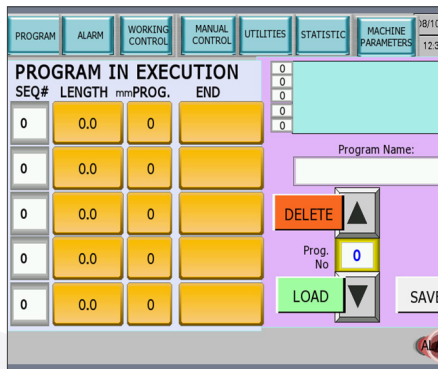
**SWARF WHEEL**



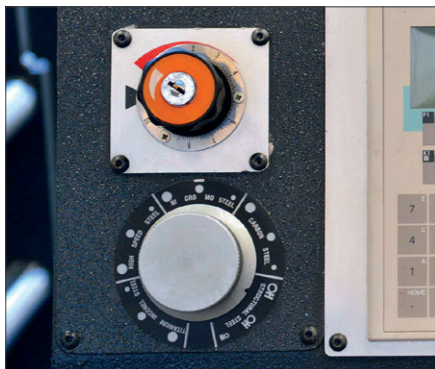
**HYDRAULIC VICE**



**CONTROL PANEL**



**OMRON CNC CONTROLLER**



**SENSITIVE CUTTING PRESSURE**



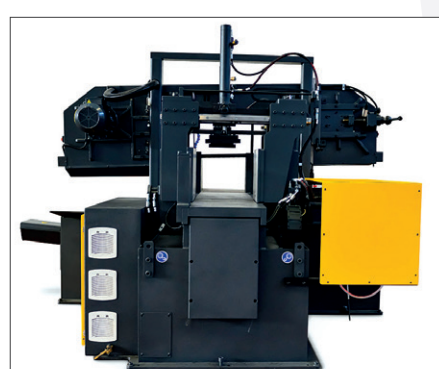
**CHIP CONVEYOR**



**HEXAGONAL VICE (OPTIONAL)**



**REAR VICE**



**REAR VIEW**

## TECHNICAL SPECIFICATIONS

MODEL		STC330CS NC	STC460CS NC	STC560CS NC	STC570CS NC	STC820CS NC	STC110CS NC
Capacity							
○	mm	330	460	560	570	820	1110
□	mm	360 x 330	540 x 460	600 x 560	600 x 570	850 x 820	1110 x 1110
▢	mm	330	460	560	570	820	1110
Bed Height	mm	845	826.5	810	805	859	542
Blade Size	mm	5000 x 34 x 1.1	5200 x 41 x 1.3	6000 x 41 x 1.3	7400 x 54 x 1.6	9500 x 54/67 x 1.6	10900 x 67 x 1.6
Cutting Speed	m/min	15 – 120					
Tolerances	mm	0.1					
CNC Controller		Omron Touch Screen					
Program		30 Programmes - 50 Steps					
Stroke Length	mm	700					
Max. Feed	mm	9999					
Motor	Kw	3	4	5.5	7.5	7.5	11
Length	mm	2,800	2,800	3,250	3,540	4,500	6,000
Width	mm	1,955	2,150	2,100	2,190	2,650	3,800
Height	mm	1,900	2,080	2,350	2,700	3,100	3,480
Weight	Kg	2,600	3,250	4,500	5,900	9,650	15,150
Operation		Automatic					
Vice		Hydraulic					
Vice Feed		Servo					