

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**

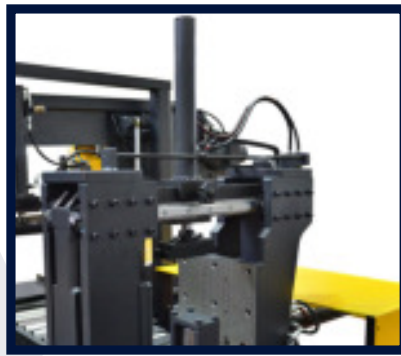
- Twin column rigidity
- Fully automatic NC
- Hydromechanical Blade Tension
- Inverter drive providing infinitely variable blade speed
- Automatic bow return
- Hydraulic vice
- Servo feeding with 700mm stroke
- User-friendly Omron touch screen
- Highly efficient gearbox
- CNC control panel (30 Programs - 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



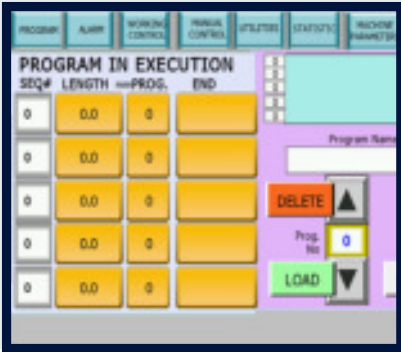
SWARF WHEEL



HYDRAULIC VICE



CONTROL PANEL



OMRON CNC CONTROLLER



SENSITIVE CUTTING PRESSURE



CHIP CONVEYOR



HEXAGONAL VICE (OPTIONAL)



REAR VICE



REAR VIEW

TECHNICAL SPECIFICATIONS

MODEL	STC330CS NC	STC360CS NC	STC460CS NC	STC570CS NC	STC650CS NC	STC820CS NC
Capacity						
○ mm	330	360	460	570	650	820
□ mm	330	360	460	570	650	820
▭ mm	360 x 330	400 x 360	550 x 460	600 x 570	1050 x 600	800 x 850
Bed Height	847	820	826	809	824	630
Blade Size	5000 x 34 x 1.1	4800 x 34 x 1.1	5200 x 41 x 1.3	7400 x 54 x 1.6	8400 x 54 x 1.6	8200 x 54 x 1.6
Cutting Speed	m/min 20 - 100					
Tolerances	mm 0.1					
CNC Controller	Omron Touch Screen					
Program	30 Programmes - 50 Steps					
Stroke Length	mm 700					
Remnant Piece (Scrap Length)	105 (Automatic Mode) 50 (Manual Mode)	110 (Automatic Mode) 50 (Manual Mode)	125 (Automatic Mode) 55 (Manual Mode)	125 (Automatic Mode) 60 (Manual Mode)	120 (Automatic Mode) 45 (Manual Mode)	240 (Automatic Mode) 120 (Manual Mode)
Max. Feed	mm 9999					
Motor	3	3	4	7.5	7.5	7.5
Length	2670	2500	3250	5900	6580	6250
Width	1935	2850	3000	3500	4250	4070
Height	1855	2000	2100	2000	1950	4710
Weight	2670	1890	2100	2700	2600	2560
Operation	Automatic					
Vice	Hydraulic					
Vice Feed	Servo					