

### STERLING

## SRA (Encoder) PLC Automatic Bandsaws

The Sterling Encoder PLC Bandsaw range are straight cutting, fully-automatic models that can cut automatically without a length stop thanks to its PLC controlled encoder. The perfect machine for cutting down billets of material ready for further processing.

This a fully automatic machine in a pivot-action design ideally suited for cutting solid material, as well as pipes, profiles and beams in steel cutting.

The Siemens PLC controller on this saw enables the user to set-up a programme with 10 steps for automatic cutting, simply punch in your lengths and quantities, and let the saw do the work for you.



**SRA320E PLC**

### Machine Features

- Pivot-Action
- Fully automatic PLC Controller
- Hydromechanical Blade Tension
- Inverter drive providing infinitely variable blade speed
- Automatic bow return
- Hydraulic vice
- Siemens PLC control panel (1 Programme - 10 Steps)
- Swarf brush
- Carbide blade guides
- Flood Coolant system
- 27mm or 34mm Blade Sizes

### Optional Equipment

- Sensitive cutting pressure regulation
- Hydraulic blade tension
- Spray mist lubrication
- Chip Conveyor
- Roller track and measuring systems



**SWARF WHEEL**



**ROLLER FEED VICE**



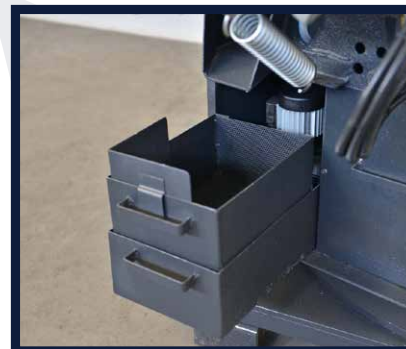
**SIEMENS CONTROLLER**



**BLADE TENSION INDICATOR**



**HEAVY DUTY MOTOR & GEARBOX**



**COOLANT PUMP**

**WATCH THE  
MACHINE IN  
ACTION**



## TECHNICAL SPECIFICATIONS

MODEL		SRA230E Encoder PLC Hydraulic	SRA230E Encoder PLC Hydraulic	SRA350E Encoder PLC Hydraulic
STOCK CODE		15279-51	15279-27	15279-50
Capacity		0°	0°	0°
	○ mm	230	320	350
	□ mm	230	320	350
	□ mm	240 x 230	350 x 320	350 x 450
Bed Height	mm	590	740	660
Blade Size	mm	2730 x 27 x 0.9	3660 x 27 x 0.9	4800 x 34 x 1
Cutting Speed	m/min	15 - 120	20 - 100	15 - 120
Tolerances	mm	0.3		
PLC Controller		Siemens		
Program		1 Program - 10 Steps		
Remnant Piece (Scrap length)	mm	220 (Automatic Mode) / 90 (Manual Mode)	220 (Automatic Mode) / 90 (Manual Mode)	330 (Automatic Mode) / 85 (Manual Mode)
Motor	Kw	1.3	2.2	3
Length	mm	1,400	1900	2800
Width	mm	1,100	850	900
Height	mm	1,160	1300	1400
Weight	Kg	530	770	1200
Operation		Automatic		
Vice		Hydraulic		
Vice Feed		Hydraulic		