

### STERLING

## SRA (Encoder) PLC Automatic Bandsaws

The Sterling Encoder PLC Bandsaw range are straight cutting (except for the 350 which is a single mitre), 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**



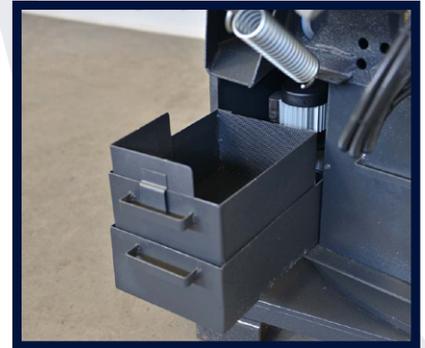
**SIEMENS CONTROLLER**



**BLADE TENSION INDICATOR**



**HEAVY DUTY MOTOR & GEARBOX**



**COOLANT PUMP**

**WATCH THE MACHINE IN ACTION**



## TECHNICAL SPECIFICATIONS

MODEL		SRA230E Encoder PLC Hydraulic	SRA320E Encoder PLC Hydraulic	SRA350GE Encoder PLC Hydraulic
<b>STOCK CODE</b>		15279-51	15279-27	15279-34
<b>Capacity</b>		0°	0°	0° 30° 45°
	○ mm	230	320	350 320 320
	□ mm	230	320	350 350 280
	▭ mm	240 x 230	350 x 320	400 x 350 400 x 230 350 x 260
<b>Bed Height</b>	mm	590	640	760
<b>Blade Size</b>	mm	2730 x 27 x 0.9	3660 x 27 x 0.9	4160 x 34 x 0.9
<b>Cutting Speed</b>	m/min	15 - 120	20 - 100	15 - 120
<b>Tolerances</b>	mm		0.3	
<b>PLC Controller</b>			Siemens	
<b>Program</b>			1 Program - 10 Steps	
<b>Remnant Piece (Scrap length)</b>	mm	220 (Automatic Mode) / 90 (Manual Mode)	220 (Automatic Mode) / 90 (Manual Mode)	275 (Automatic Mode) / 65 (Manual Mode)
<b>Motor</b>	Kw	1.3	2.2	3
<b>Length</b>	mm	1,400	1900	2450
<b>Width</b>	mm	1,100	850	920
<b>Height</b>	mm	1,160	1300	2020
<b>Weight</b>	Kg	530	770	1050
<b>Operation</b>			Automatic	
<b>Vice</b>			Hydraulic	
<b>Vice Feed</b>			Hydraulic	