

STERLING

SR SA X Semi-Automatic Circular Saw 415v

The Sterling SR SA X Semi-Automatic Circular Saw 415V range delivers precision, power, and efficiency for metal cutting applications.

Designed for industrial use, these robust machines offer semi-automatic operation, ensuring consistency and ease of use while maximising productivity. Engineered for durability and accuracy, the range is ideal for cutting a variety of metals with a high degree of precision. Whether handling high-volume production or bespoke fabrication work, the Sterling SR SA X series provides a reliable and efficient solution for workshops and manufacturing facilities.

Sterling SR315 SA X

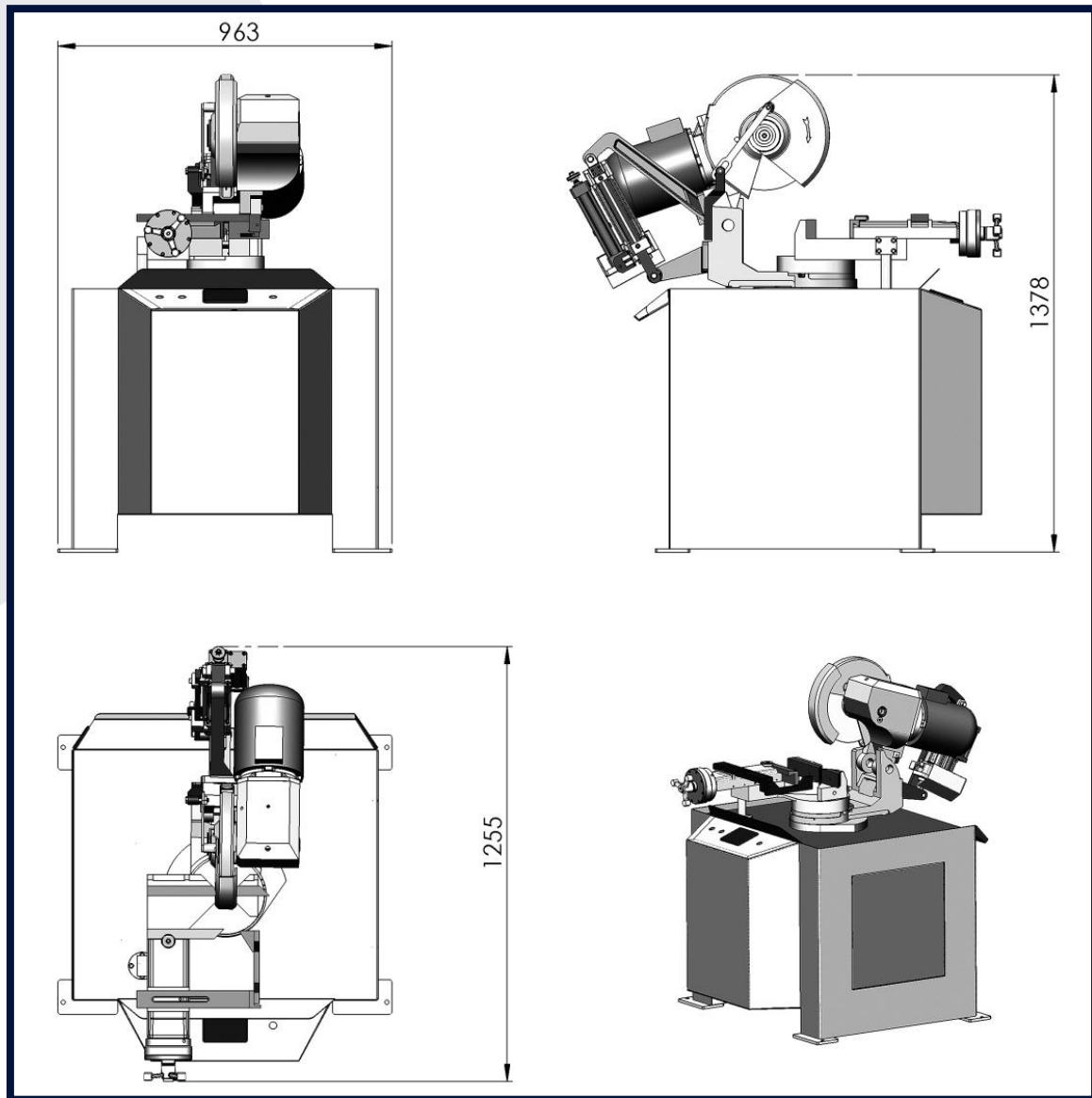


Machine Features

- Semi-automatic, automatic angle turning saw machine
- Automatic horizontal angle rotation ($\pm 45^\circ$), vertical angle rotation ($\pm 15^\circ$)
- Strong reducer structure with double-stage helical gear transmission
- PLC Controlled Color Touch Screen
- Adjustable and controllable cutting speed thanks to the hydro-pneumatically operated saw head.
- Stroke adjustment of cutting start and end points according to the material size to be cut.
- Cooling of the saw and rapid removal of sawdust from the cutting surface thanks to the coolant tank and motor located in the cabin.
- 45 degree automatic cutting option on the right and left sides.

Optional Features

- Low Speed Motor (22 / 44 rpm)
- Variable Blade Speed with inverter (20 - 80rpm)
- Compound Mitring (SA XS)
- Roller track and measuring systems



Sterling SR315 SA X Floorplan

TECHNICAL SPECIFICATIONS

MODEL (BLADE SIZE)	SR315 SA X			SR315 SA XS			
	90°	± 45°		90°	± 45°	± 15°	45° + 15°
Capacities							
Tube at 90°	○ mm	95	85	95	85	90	70
Square Section at 90°	□ mm	80	70	80	70	75	50
Rectangular Section / Beam at 90°	▭ mm	110 x 60	80 x 50	110 x 60	80 x 50	100 x 60	70 x 40
Blade Diameter	m/min	315		315			
Blade Bore	mm	32		32			
Blade Speeds	rpm	40 / 80		40 / 80			
Motor	Kw	1.8 / 2.2		1.8 / 2.2			
Length	mm	1200		1200			
Width	mm	970		1220			
Height	mm	1400		1400			
Weight	Kg	460		480			
Operation		Semi-Automatic		Semi-Automatic			
Vice		Manual / Pneumatic		Manual / Pneumatic			



Sterling SR315 SA XS is capable of performing compound mitres