

STERLING

SAR 450SA & 550SA Upcutting Aluminium Circular Saws

The Sterling SAR semi-automatic range of circular saws are designed for working with aluminium sections and extrusions. All models feature high blade speeds and are semi-automatic operated with a full enclosure for ultimate safety. These machines use TCT toothed cutting blades which are available in a range of tooth pitches depending on the material section and required finish. The up-stroking 550 blade has a speed of 3000RPM and comes complete with pneumatic horizontal clamps and 2m of roller track as standard.

We recommend that all Aluminium saws are used with an extraction system, to reduce the risk of dust related accidents and explosions.



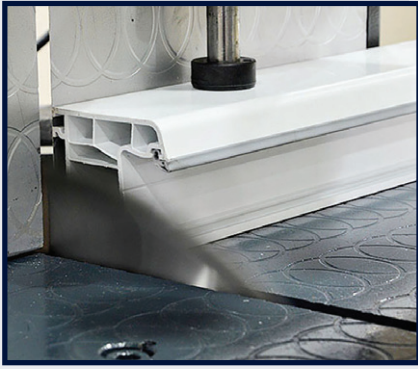
SAR 550SA

Machine Features

- Fast aluminium cutting
- Adjustable blade feed rate
- Twin pneumatic vertical clamps
- Mitring head to 45° left and right
- Quick mitre location points at 0°, 15°, 22.5°, 30° and 45°
- Mitre clamp for locking off at Intermediate angles
- Easy access blade change
- Flat solid bed
- Movable back fence for larger cutting capacity
- Full enclosure with interlock safety switch
- Air gun for swarf removal

Optional Features

- Base - stock code 15012
- Measuring conveyor right side 3, 4, 5 or 6m
- Roller conveyor left side 3, 4, 5 or 6m
- Cooling system for cutting aluminium
- Hydro-check for cutting aluminium profiles (hydraulic speed setting)
- Auto slicing feature (90° only)
- Automatic measurement conveyor



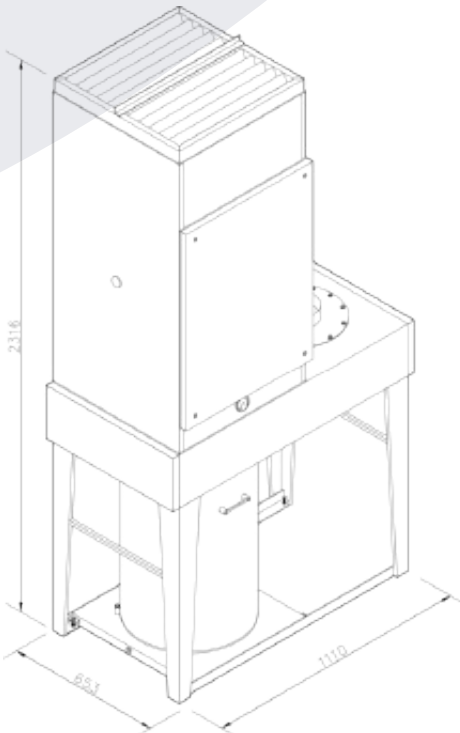
PNEUMATIC TWIN VERTICAL CLAMPS



CONTROL PANEL



AIRGUN



EXTRACTION UNIT MEASUREMENTS (OPTIONAL)



EXTRACTION SYSTEM (OPTIONAL)

WATCH THE MACHINE IN ACTION



TECHNICAL SPECIFICATIONS

MODEL		SAR 450SA	SAR 550SA
Capacity		90°	45° L + R
	○ mm	-	180
	□ mm	130 x 130	155
	▭ mm	210 x 170	260 x 200
Bed Height	mm	1050	1050
Blade Size	mm	450ø x 32 bore	550ø x 32 bore
Blade Speed	rpm	3000	3000
Motor	Kw	2.2	3
Length	mm	850	980
Width	mm	970	1130
Height	mm	1370	1430
Weight	Kg	180	220
Operation		Semi Automatic	Semi Automatic
Vice		Pneumatic	Pneumatic