

### STERLING

## SAR 420SA 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 full enclosures 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 420mm 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 420SA**

### Machine Features

- Fast aluminium cutting
- Adjustable blade feed rate
- Twin pairs of vertical and horizontal pneumatic clamps
- Mitring head to 180° left and right
- Mitre clamp for locking off at Intermediate angles
- Flat solid bed
- Full enclosure with interlock safety switch
- Air gun for swarf removal
- 2x 3m roller tables, including length stopper on the exit

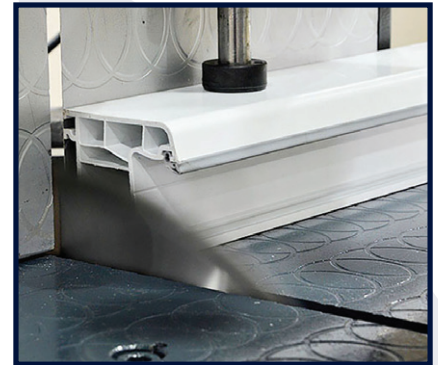
### Optional Features

- Measuring conveyor right side 4, 5 or 6m
- Roller conveyor left side 4, 5 or 6m
- Cooling system for cutting aluminium
- Hydro-check for cutting aluminium profiles (hydraulic speed setting)
- Automatic measurement conveyor
- Extraction System (Highly recommended)

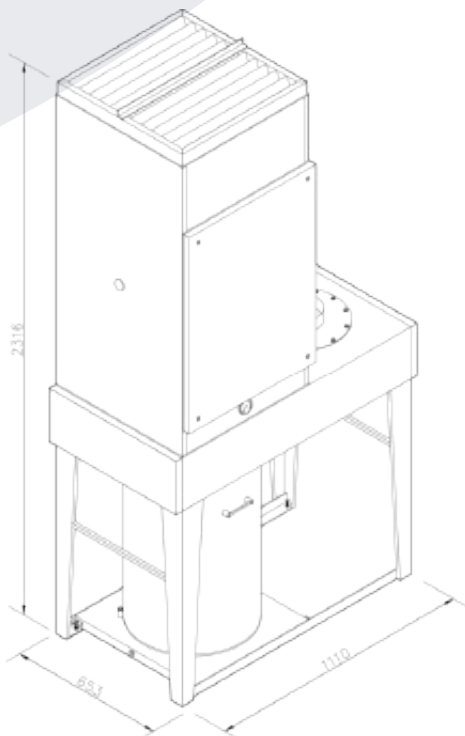


**SUPPLIED AS STANDARD WITH 3M OF ROLLER TABLE LEFT AND RIGHT, INCLUDING A MEASURED STOP.**

**ADD ADDITIONAL LENGTHS FOR LONGER WORK PIECES AS NEEDED.**



**PNEUMATIC TWIN VERTICAL CLAMPS**



**EXTRACTION UNIT MEASUREMENTS (OPTIONAL)**



**EXTRACTION SYSTEM (OPTIONAL)**



**AIRGUN FOR SWARF REMOVAL**

## TECHNICAL SPECIFICATIONS

MODEL	SAR 420SA	
Capacity	90°	45° L + R
<input type="radio"/> mm	-	-
<input type="checkbox"/> mm	140 x 140	120 x 120
<input type="checkbox"/> mm	-	-
Bed Height	mm	960
Blade Size	mm	420ø x 32 bore
Blade Speed	rpm	3000
Motor	Kw	3.0
Length	mm	800
Width	mm	850
Height	mm	1400
Weight	Kg	210
Operation	Semi Automatic	
Vice	Pneumatic	