

STERLING

SAR 400 Aluminium Circular Saw



The Sterling SAR range of circular saws are designed for working with aluminium sections and extrusions. All models feature high blade speeds and are pull down operated. These models are offered with either manual or pneumatic clamping.

These machines use TCT toothed cutting blades which are available in a range of tooth pitches depending on the material section and required finish.

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



Machine Features

- Heavy duty
- Fast aluminium cutting
- Large capacity
- Mitring head 45° left and right
- Flat solid bed
- Material length stop
- Bar support roller
- Mitre left and right 0, 15, 22.5, 30 and 45 degree mitre stops
- 2 x Pneumatic vertical and horizontal clamps
- Safety cutting with full blade guard
- 1 x Roller conveyor (2m right) on pneumatic models

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



TECHNICAL SPECIFICATIONS

MODEL	SAR 400		SAR 400P	
Capacity	90°	45° L + R	90°	45° L + R
○ mm	140	130	180	160
□ mm	120	100	110	100
▭ mm	215 x 100	150 x 100	215 x 100	150 x 100
Bed Height	910		910	
Blade Size	400 ϕ x 32 bore		400 ϕ x 32 bore	
Blade Speed	3000		3000	
Motor	1.5		1.5	
Length	730		730	
Width	810		810	
Height	1400		1400	
Weight	130		180	
Operation	Instant Pull Down		Instant Pull Down	
Vice	Manual		Pneumatic	