

# STARTRITE

## CIRCULAR SAWING MACHINES



**The finest and broadest  
range of metalsawing  
machinery**

THE **600** GROUP

# STARTRITE

Startrite Circular Sawing Machines are manufactured in Britain and have been designed using the latest technical developments to give a low cost high performance operation, with controls, and set up procedure kept as simple as possible to give a truly versatile range of cut-off machines.

The range includes a low cost bench model for 250mm dia blade to a floor model for 350mm dia blade and with pneumatic clamping option.

Startrite Circular Saws are the ideal choice for cutting-off materials, either on a production or intermittent basis. Cutting rates are extremely fast and accurate and the material is left with a superb burr free finish.

Built to withstand rough treatment, this reliable circular saw runs with a minimum of vibration, giving a precision cut. All machines in the range feature heavy cast iron components, heavy duty gearboxes and a generous coolant reservoir.

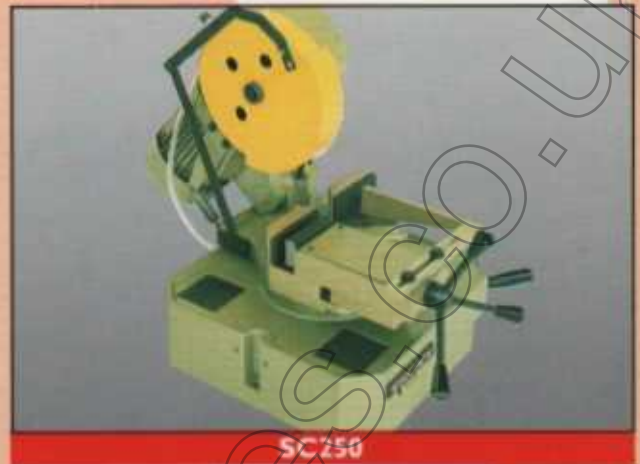
- Double vices for burr free cutting.
- Totally enclosed worm gear drive for trouble free operation.
- Two speeds for versatility (3 phase machines only)
- High grade cast iron components for vibration free operation.
- Safety blade guard opens when saw is pulled down and closes when released.
- Fast set up for mitring.
- Slow speed option for hard and difficult to cut materials
- Electric coolant pump.





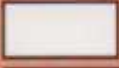
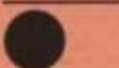


## SC250, SC275, SC275D, SC315D

Bench model, low cost, high performance machine, incorporating double vice, giving a burr free cut. Mounted on a cast iron machine base for fast cutting without vibration, making it ideal for general workshop applications. Optional floor stand is available.

## SC350D, SC350DP

Floor mounted machines with double self-centering vice to enable the correct positioning of the work piece and a burr free cut. Longitudinal slots can also be made. DP models incorporate a heavy duty pneumatic vice system which automatically clamps the material as the head is lowered and releases when returned.



SPECIFICATIONS	Electric motor	KW
	Standard blade speed	M per min
	Low speed (option)	M. per min
	Max blade	MM
	Max vice opening	1
MAX. CAPACITIES		90° MM
		45° MM
		90° MM
		45° MM
		90° MM
		45° MM
		90° MM
		45° MM
DIMENSIONS AND WEIGHT	Length	MM
	Width	MM
	Height	MM
	Weight	KG





SC315D



SC350D

SC250	SC275	SC275D	SC315D	SC350D/DP
0.75	1.1	1.1/1.5	1.5/1.9	1.7/2.2
40	44	44/88	50/100	47/94
-	-	-	-	22/50
250	275	275	315	350
105	105	105	105	155
75	90	90	110	120
75	85	85	95	115
70	80	80	90	110
65	70	70	80	105
80 x 70	100 x 70	100 x 70	105 x 85	140 x 100
80 x 55	80 x 65	80 x 65	85 x 75	110 x 100
40	50	50	55	60
35	45	45	50	55
35	45	45	55	65
30	40	40	50	55
750	850	850	850	790
460	460	460	460	610
650	650	650	650	1740
135	140	150	150	300

## STANDARD EQUIPMENT

- Totally enclosed motors with no-volt protection.
- Coolant tank pump and fittings.
- Adjustable material length stop.
- Adjustable vice jaws.
- Instruction Manual

## OPTIONAL EQUIPMENT

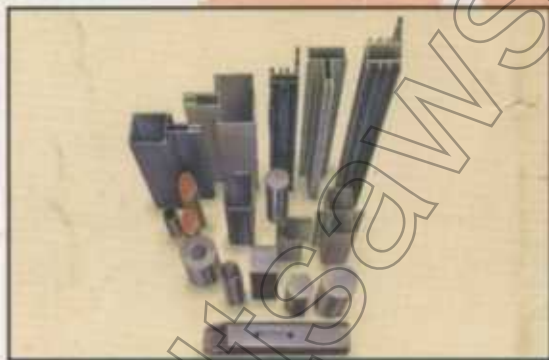
- Heavy Duty floorstand. (Standard on SC350D/DP)

- Adjustable grooved vice jaws. (Standard on SC350D/DP)
- Material support roller. (Standard on SC350D/DP)
- Slow speed motor. (SC350D/DP only)
- Supply roller conveyor 200m wide, available 3m or 6m lengths.
- Discharge roller conveyor with length gauge and precision scale, available in lengths 1.5 metres or 3 metres.
- H.S.S. Sawblades. (See below)

## SAWBLADES AND COOLANT/LUBRICATING OIL

Solid in mm	●	10	20	30	40	50	60
Wall thickness	●	1.0	2.0	3.0	4.0	5.0	6.0
Tooth pitch							
8 t.p.i. (3 mm)	●						
6 t.p.i. (4 mm)			●				
5 t.p.i. (5 mm)	●						
4 t.p.i. (6 mm)	●	●	●	●	●	●	
3 t.p.i. (8 mm)				●	●		●
2.5 t.p.i. (10 mm)					●	●	
2 t.p.i. (12 mm)						●	●
1.75 t.p.i. (14mm)							●

Standard tooth form suitable for most applications for hard material, please ask our advice. Description and specifications do not form part of a contract and are subject to change without notice.



Startrite "Worksaver" HSS Blades with hardness of 63-65 Rockwell C are nitrated to ensure film of coolant oil is maintained. For best results, correct tooth form and pitch must be selected, see table below.

Startrite emulsifiable coolant is specifically formulated for the slow cutting speeds and completely prevents pick-up on the sawblade and forms a lubricating film.



## STARTRITE MTC

