



Product Information – R255SMS+

Product Code: 052-0003A (230v EU)

Barcode: 0849713074393

Bullet Points:

1. Multi-Material - Premium Japanese tungsten carbide tipped (TCT) blade included cuts steel, aluminium, wood with embedded nails, plastic and more
2. Powerful - 2000 W optimised gearbox and blade system, increases motor and blade life to cut through a variety of materials with ease
3. Accurate - Precision cutting with laser guidance, trench cut facility, 300 mm slide, 0° - 45° bevel and 50° - 50° mitre settings, covers all common cutting angles
4. R255-TCT multi-material blade (28 teeth) included
5. 3 years limited warranty

Description:

The Evolution R255SMS+ 255 mm multi-material sliding mitre saw is ideal for on-site use and is available in 230 V and 110 V. The saw can cut a variety of materials such as mild steel, wood even with embedded nails, aluminium, plastic, copper and more thanks to the 28 tooth TCT blade and optimised gearbox and motor speed. When cutting mild steel the saw produces a square, ready-to-weld cut with no heat, no burrs and virtually no sparks, far superior to abrasive cutting methods.

The ultimate saw for the workshop or on the job site with a huge 300 mm x 80 mm cutting capacity ideal for cutting copper pipe, plastic pipe, aluminium channel, cable tray, armoured cable, scaffold boards, skirting board, architraves, MDF, hardwood such as oak and ash plus much more. When working with reclaimed timber the saw has no problem cutting through embedded nails, screws or staples. The optional diamond blade (sold separately) completes the package, enabling you to cut brick, stone, concrete and unglazed tiles. The Evolution R255SMS+ is supplied with a R255-TCT multi-material blade (28 teeth) with a 255 mm blade diameter and 25.4 mm bore diameter.

Plus Features:

- + Premium TCT Blade - Long-life multi-material cutting TCT blade for smoother cuts
- + Dual Quick Release Clamps - for additional accuracy & faster adjustments
- + Slide Rail Protector - protects against damage & prevents dust ingress
- + Cleaner & Safer Working - dust collection bag & dust port adaptor for use with vacuum extraction
- + Integrated Carry Handles - easy to carry & transport around the workplace
- + 3M Power Cable - reduces the need for extension leads.

Box Contains:

- 1 x R255SMS+ sliding mitre saw (255 mm)
- 1 x R255-TCT multi-material cutting blade (28 teeth)
- 1 x Top clamp
- 1 x Front clamp
- 1 x Dust bag
- 1 x Dust port adaptor
- 1 x Slide rail protector
- 1 x Dual end allen key (M5 & M6)
- 1 x Instruction manual

Technical Specification:

Machine:

Motor (220-240V ~ 50 Hz):	2000 W
Motor (110V ~ 50 Hz):	1600 W
Speed No Load:	2500 min
Weight (Net):	15.3 Kg
Dust Port Diameter:	35 mm
Tool Dimensions (H x W x L) (0° / 0°):	360 x 705 x 730 mm

Cutting Capacities:

Mild Steel Plate - Max Thickness:	6 mm
Mild Steel Box Section - Max Wall Thickness: (50mm mild steel box section.)	3 mm
Wood – Max section:	300 x 80 mm
Minimum size work-piece:	L:145 x W:20 x D:3 mm
(Note: Any work-piece smaller than the recommended minimum work-piece requires additional support before cutting.)	L:145 x W:20 x D:3 mm

Maximum Cutting Angles:	Left:	Right:
Mitre	50°	50°
Bevel	0° - 45°	N/A

Mitre:	Bevel:	Max Width of Cut:	Max Depth of Cut:
0°	0°	300 mm	80 mm
0°	45°	300 mm	45 mm
45°	0°	210 mm	80 mm
45°	45°	210 mm	45 mm

Blade Dimensions:

Diameter:	255 mm
Bore:	25.4 mm
Thickness:	2 mm
No of Teeth:	28

Product Information – R255-TCT

Product Code: RAGEBLADE255MULTI

Barcode: 0849713011374+0849713072139



Bullet Points:

1. Easily cuts mild steel, aluminium, plastic, wood and wood with nails
2. High grade carbide teeth, offer increased durability
3. High quality blade manufactured in Japan
4. 28 tooth configuration enables fast efficient cuts
5. 255 mm blade diameter and 25.4 mm bore diameter

Description:

The R255-TCT multipurpose blade allows Evolution saws to easily slice through steel, aluminium and wood even wood with nails. Featuring a hardened blade body, which ensures the blade runs truer for longer, TCT tooth configuration enables fast, efficient cuts and high-grade carbide teeth for increased durability. The R255-TCT blade shows no weakness when facing the most robust materials and its versatility is unsurpassed.

Box Contains:

1 x R255-TCT multipurpose blade (28 teeth)

Technical Specification:

Size:	255 mm
Max Speed:	2750 rpm
Bore:	25.4 mm
Kerf:	2 mm
Teeth:	28