



## Product Information – R255SMS-DB+

**Product Code: 053-0003B**

**Barcode: 0849713090690**

### Bullet Points:

1. Pro Pack – Includes Wood Blade (255mm), Multi-Material blade (255mm), Top clamp, Front clamp and dust bag,
2. Multi-Material - Premium Japanese tungsten carbide tipped (TCT) blade included cuts wood, steel, aluminium, wood with embedded nails, plastic and more
3. Powerful – 2000W Motor optimised gearbox and blade system, increases motor and blade life to cut through a variety of materials with ease
4. Accurate - Precision cutting with laser guidance, trench cut facility, 300 mm slide, 0° - 45° double bevel and 50° - 50° mitre settings, covers all common cutting angles
5. Features - Large 300 x 80mm cutting capacity, ergonomic horizontal trigger with comfortable grip, integrated carry handles for easy transportation and 3-meter cable

### Description:

The Evolution R255SMS-DB+ 255 mm double bevel 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 wood, 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 double bevel bevels 45° - 45° and mitres 50° - 50°.

The double bevel facility reduces the need to re-adjust your workpiece making it 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 and a WD255-TCT wood blade (40 teeth) with a 255 mm blade diameter and a 25.4 mm bore diameter.

### Plus Features:

- + Premium Wood Blade – Specialist wood blade for clean smooth accurate cuts
- + Premium TCT Blade - Long-life multi-material cutting TCT blade for smoother cuts across materials
- + Dual Quick Release Clamps - for additional accuracy & faster adjustments
- + 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:

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|--|--|
| • 1 x R255SMS-DB+ sliding mitre saw (255 mm) | 1 x R255-TCT multi-material cutting blade (28 teeth) |
| • 1 x WD255 wood blade (40 teeth)            | 1 x Top clamp  |
| • 1 x Front clamp                            | 1 x Dust bag   |
| • 1 x Dust port adaptor                      | 1 x Dual end allen key (M5 & M6)                     |
| • 1 x Instruction manual                     |  |

## Technical Specification:

### Machine:

Motor (220-240V ~ 50 Hz): 2000W

Motor (110V ~ 50 Hz): 1600W

Speed No Load: 2600

Weight (Net): 18.3kg

Dust Port Diameter: 35mm

Tool Dimensions (H x W x L) (0° / 0°): 363x420x574

### Cutting Capacities:

Mild Steel Plate - Max Thickness: 6mm

Mild Steel Box Section - Max Wall Thickness: 3mm

(50mm mild steel box section.)

Wood – Max section: 300 x 80mm

### Maximum Cutting

Left:

Right:

### Angles:

Mitre

50°

50°

Bevel

0° - 45°

0° - 45°

### Mitre:

0°

0°

0°

45°

45°

45°

45°

### Bevel:

0°

45° Left

45° Right

0°

45° Left

45° Right

0°

### Max Width of Cut:

300mm

300mm

300mm

212mm

212mm

212mm

212mm

### Max Depth of Cut:

90mm

52mm

34mm

90mm

52mm

34mm

90mm

### Blade Dimensions:

Diameter: 255mm

Bore: 25.4mm

Thickness: 2mm

No of Teeth: 28

## Product Information – R255-TCT

Product Code: RAGEBLADE255MULTI

Barcode: 0849713011374+0849713072139



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### 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

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### 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.

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### Box Contains:

1 x R255-TCT multipurpose blade (28 teeth)

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### Technical Specification:

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

## Product Information – 255mm (Wood)

Product Code: RAGEBLADE255WOOD / GW255TCT-40

Barcode: 0849713024657



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### Bullet Points:

- Designed specially to cut wood
- 40 tooth configuration enables fast efficient cuts
- High grade carbide teeth, offering increased durability
- Hardened blade body ensures the blade runs truer for longer
- 255 mm blade diameter and 25.4 mm bore diameter

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### Description:

Evolution carbide tipped metal cutting saw blade is ideal for cutting wood. Hardened blade body ensures the blade runs truer for longer. 40 tooth configuration enables fast efficient cuts. 25.4mm bore diameter and 255 mm blade diameter. Operates on 5200 rpm speed.

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### Box Contains:

1 x RAGEBLADE255WOOD / GW255TCT-40 (40 teeth)

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### Technical Specification:

Size:	255 mm
Max Speed:	5200 rpm
Bore:	25.4 mm
Kerf:	2.4 mm
Teeth:	40

## Product Information – Mitre Saw Stand

**Product Code: 005-0001**

**Barcode: 0849713021106**



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### Bullet Points:

6. Compatible with virtually all makes of mitre saw
7. Folding legs for easy storage/transportation and extendable support arms for long workpieces
8. Height adjustable arms with rollers and end-stops and quick-release brackets
9. Capable of supporting 150 kg
10. 3 Years limited warranty (only valid if purchased in the UK)

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### Description:

An elegant addition to Evolution's product range complimenting Evolution Mitre Saws, as well as other makes of mitre saw. Easily and quickly set up, with foldable legs for simple storage and transportation. Sturdy and robust this stand can support long workpieces up to 3 m in length and has a maximum workload of 150 kg and weighs 15.5 kg. Key features include quick-release mounting brackets for fast saw removal and height adjustable arms with rollers and end-stops.

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### Box Contains:

- 1 x Mitre saw stand
- 2 x Saw mounting brackets
- 2 x Work supports
- 2 x Work support brackets
- 6 x Long locking screws
- 1 x Assorted fixings
- 1 x Instruction manual

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### Technical Specification:

#### Machine:

Product Width:	110 cm
Product Height:	75 cm
Product Length:	180 cm
Product Weight:	15.5 Kg
Max Supported Weight:	150 Kg