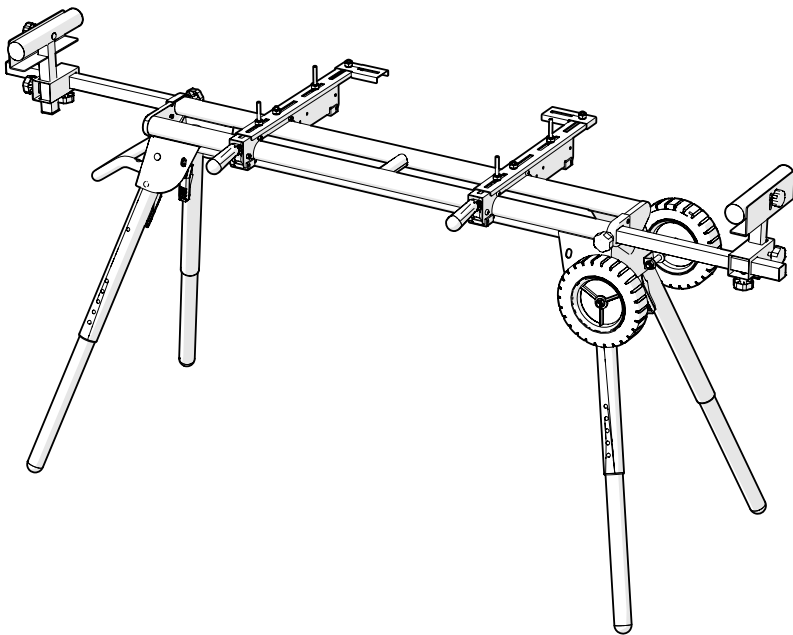


# evOLUTION®

evolutionpowertools.com

## MITRE SAW STAND+

Original Instructions



Date Published: 08/07/2022

**IMPORTANT**

Please read these operating and safety instructions carefully and completely.

For your own safety, if you are uncertain about any aspect of using this equipment please access the relevant technical helpline, the number of which can be found on the Evolution Power Tools website.

We operate several helplines throughout our worldwide organization, but technical help is also available from your supplier.

**WEB**

www.evolutionpowertools.com

**EMAIL**

**UK:**customer.services@evolutionpowertools.com

**US:**evolutioninfo@evolutionpowertools.com

**GUARANTEE**

Congratulations on your purchase of an Evolution Power Tools Machine. Please complete your product registration 'online' as explained on the leaflet included with this machine. This will enable you to validate your machine's guarantee period via Evolution's website by entering your details and thus ensure prompt service if ever needed.

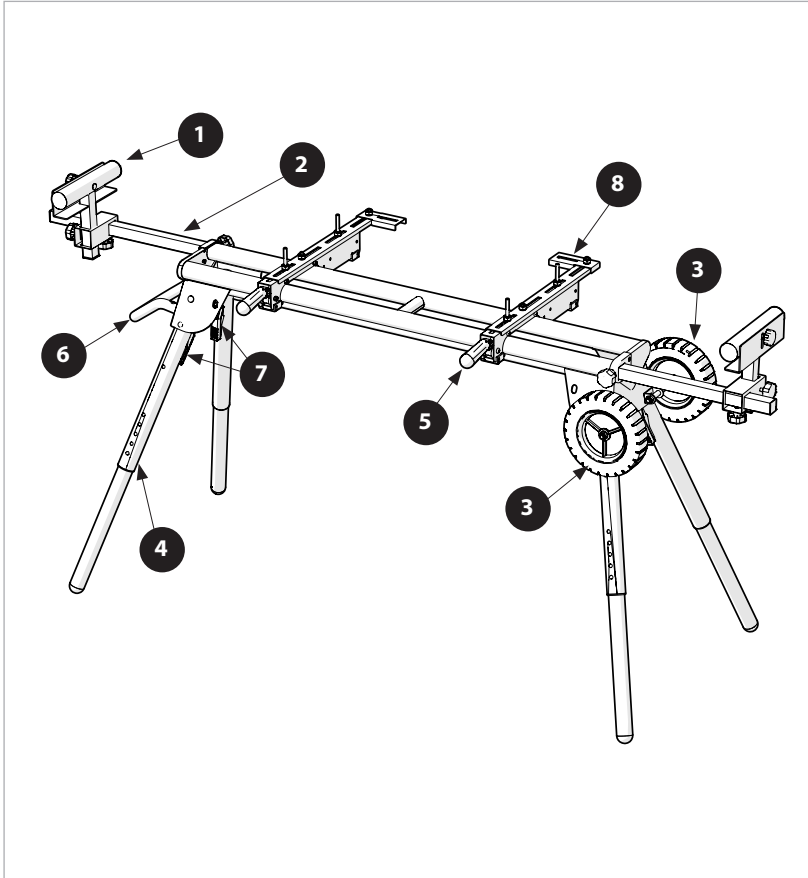
We sincerely thank you for selecting a product from Evolution Power Tools.

Evolution Power Tools reserves the right to make improvements and modifications to the product design without prior notice. Please refer to the guarantee registration leaflet and/or the packaging for details of the terms and conditions of the warranty.

**SPECIFICATIONS**

	<b>UK/EU</b>	<b>USA</b>
Max loading weight	300kg	661lbs
Max stand height	840mm	3ft
Min stand height	615mm	2ft
Max support arm width	3.15m	10ft
Min support arm width	1.3m	4ft
Max workpiece length	4m	157.5"
Weight (excluding saw)	23.3kg	51.4lbs

**PRODUCT OVERVIEW**



1. MATERIAL SUPPORT
2. EXTENSION RAIL
3. WHEEL
4. HEIGHT ADJUSTABLE LEGS
5. QUICK-RELEASE SAW BRACKET
6. HANDLE
7. LEG LOCKING LEVERS
8. UNIVERSAL BRACKET EXTENSION

### PARTS SUPPLIED

Description	005-0005
Instruction Manual	✓
Universal bracket extension	✓
Mounting bracket	✓
Work supports	✓
Work support brackets	✓
Locking knobs	✓
Wheels	✓
Handle	✓

### FIXINGS SUPPLIED

Wheel assembly	
Shaft	x1
Flat washer 12mm	x2
Flat washer 10mm	x2
Nut M10	x2
Handle assembly	
Socket head cap screw M8 x 20mm	x2
Spring washer 8mm	x2
Flat washer 8mm	x2
Work support brackets	
Wheel handle screw M8 x 24mm	x2
Wheel handle screw M8 x 18mm	x4
Wheel handle screw M6	x2
Universal saw bracket hardware	
M6 Coach Bolts 60mm	x4
M6 Coach Bolts 40mm	x4
M6 Coach Bolts 30mm	x4
M6 Coach Bolts 20mm	x6
M6 Plain Washer M6 x 16 x 2mm	x10
M6 Plain Washers ID=M6 x OD=20 x 2mm	x4
M6 Spring Washer	x10
M6 Plain Nuts	x10

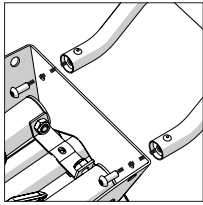


Fig. 1

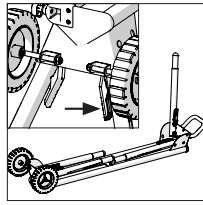


Fig. 2

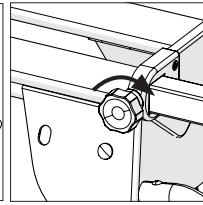


Fig. 3

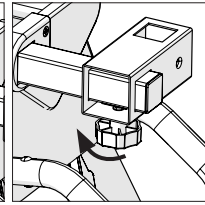


Fig. 4

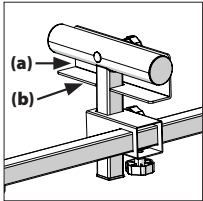


Fig. 5

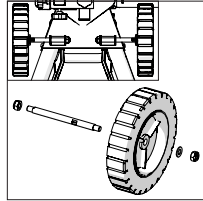


Fig. 6

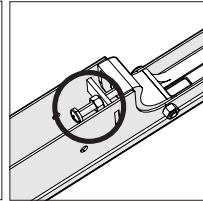


Fig. 7

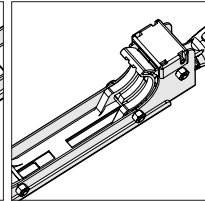


Fig. 8

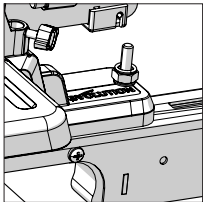


Fig. 9

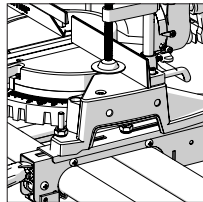


Fig. 10

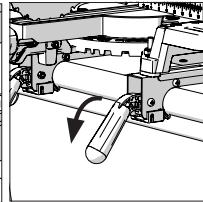


Fig. 11

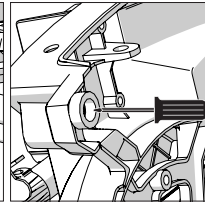


Fig. 12

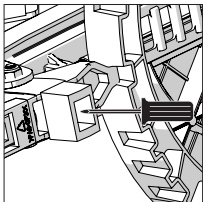


Fig. 13

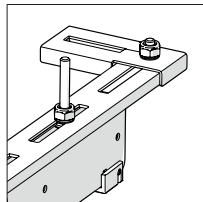






Fig. 14

## LABELS & SYMBOLS

**WARNING:** Do not operate this machine if warning and/or instruction labels are missing or damaged. Contact Evolution Power Tools for replacement labels.

**Note:** All or some of the following symbols may appear in the manual or on the product.

Symbol	Description
	Wear Safety Goggles
	Wear Ear Protection
	Wear Dust Protection
	Read Instructions
	Warning
	Triman - Waste Collection & Recycling

## GENERAL SAFETY INSTRUCTIONS

Read these instructions before using this mitre saw stand. Do not modify or use this stand for any purpose other than that for which it was designed.

- **Keep work area clear of obstructions and well ventilated.** Clutter makes accidents more likely.
- **Consider the work area environment.** Do not use power tools in damp or wet conditions. Keep the work area well lit.  
Do not use power tools in the presence of flammable liquids or gases.
- **Keep children and bystanders away.** Visitors are a distraction and are difficult to protect and are unlikely to have any knowledge of safety procedures.
- **Store idle equipment.** Preferably in a locked dry cupboard.
- **Safety Glasses.** Approved safety glasses should be worn by the operator and any assistants when using a mitre saw.
- **Stay alert.** A moments inattention when operating power tools may result in serious personal injury. Do not use if tired or under the influence of drugs, alcohol or medication.
- **Do not overreach.** Keep proper footing and balance at all times.

## STAND-SPECIFIC SAFETY INSTRUCTIONS

- For maximum stability use the mitre stand only on a flat, level surface.
- Be careful when raising or lowering the stand to prevent trapped fingers or hands.
- Ensure that the snap buttons on each leg are in the locked position. This will ensure that the stand remains rigid during cutting operations.
- Do not step or climb on the stand.
- Before operation ensure that the mitre saw is securely fastened to the stand to prevent unwanted movement of the saw.
- Ensure that the material supports are locked in place before use.
- Do not overload the side extension arms.
- Do not use if the stand becomes damaged in any way.

## ASSEMBLY INSTRUCTIONS

### ATTACHING THE HANDLE

Place the screws through the holes in the handle and secure onto the end of the stand. **(fig.1)**

### DEPLOYING THE LEGS

**Note: It is much easier to set up or knock down the stand without a saw being attached.**

- Squeeze the leg locking lever **(Fig. 2)** to release the locking pin and deploy the leg. Repeat on all 4 legs.

### ATTACHING WORK SUPPORT ARMS

- Screw the locking knobs in place to secure the guide rails on each side. **(Fig. 3)**
- Slide the work support brackets onto the extension arms and lock in place with a locking knob **(Fig. 4)**
- Insert the work support post into the bracket and lock in place using a locking knob. **(Fig. 5)**

### ATTACHING THE WHEELS

Place the wheel onto the axle and secure with the appropriate fixings **(Fig.6)**

### For Normal Cutting Operations:

- The top of the post(s) should be level with the surface of the mitre Saw's rotary table.
- The extension arm(s) should be positioned to give maximum support to the workpiece.

### For Repetitive Cutting Operations:

- The 'stop face' **(Fig.X)** can be raised to act as a workpiece stop at the required distance from the saw blade.
- Loosen the locking knob and raise the stop face to its highest position **(Fig.XX)**, then tighten the locking knob. **(Fig.XXX)**
- The required work support should be adjusted so that the 'stop shelf' **(Fig. X)** is level with the mitre saw rotary table and is facing the saw.
- Adjust the relevant extension arm until the 'stop face' is at the required distance.

### CHECKING AND ADJUSTING THE SAW MOUNTING BRACKET CLAMPING PRESSURE

The pressure exerted by the clamping mechanism within a saw mounting bracket can be adjusted. The clamping pressure of each bracket should be checked before it is attached to a mitre saw. When fitted across the mitre saw stand's two main crossbars, and with the locking handle in the down (locked) position, a bracket should be firm and exhibit no signs of movement. Excessive force to deploy the locking lever to the down position should be avoided. Gently pressing the lever downwards with the palm of a hand should be all the force needed to operate the locking lever.

#### To adjust the clamping pressure:

- Turn the clamp upside down to reveal the mechanism.
- Loosen the locking nut. **(Fig. 7)**
- Turn the adjustment screw **(Fig. 8)** clockwise to increase the clamping pressure. Turn the screw counter-clockwise to decrease the clamping pressure.
- Tighten the locknut when adjustment is successfully completed.

### MOUNTING EVOLUTION MITRE SAW TO THE MITRE STAND

**Note:** The Evolution Mitre Saw Stand is suitable for most Evolution Mitre Saws.

- Attach the machine to the saw mounting brackets using suitable bolts, washers and locknuts etc. The locking handles must be positioned to the front of the mitre saw. **(Fig. 9)**
- Ensure that the fixings used do not protrude so far through the base of the machine that they interfere with any other parts of the Mitre Saw. Only tighten 'finger tight' at this stage.
- Hook the front of the brackets over the front of the mitre saw stands main frame tubular crossbar.
- Push the back of the brackets down to engage them onto the mitre saw stands crossbars. **(Fig. 10)**
- Lock the brackets into place by gently depressing the locking levers. **(Fig. 11)**
- If necessary re-position the mitre saw on the brackets so that the machines fence aligns as near centrally with the rear tubular crossbar of the mitre stand as possible. This will ensure the greatest stability of the machine and mitre saw stand during cutting operations.
- When the mitre saw is correctly positioned on the stand, securely tighten the four (4) mounting bolts.

### MOUNTING UNUSUAL/UNCOMMON MITRE SAWS

- Remove and safely store the four plastic feet from underneath the base of the mitre saw. **(Fig. 12)**
- Remove and safely store the stability block from underneath the positive stop locking lever. **(Fig. 13)**

If your mitre saw base does not directly align with the mounting brackets, the supplied bracket extension can be used.

This can be used on the front or rear of the mounting brackets to accommodate your specific mitre saw.

Secure the bracket extension onto the mounting bracket using the M6 x 60mm coach bolts. **(Fig.14)**

**Note:** Usually the machine's fence should align as closely as possible with the centre-line of the mitre saw stand rear crossbar.

### MAINTENANCE

Never use solvents to clean plastic parts, as solvents can damage them. Clean only with a soft, slightly damp cloth.

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