EVOLUTION®

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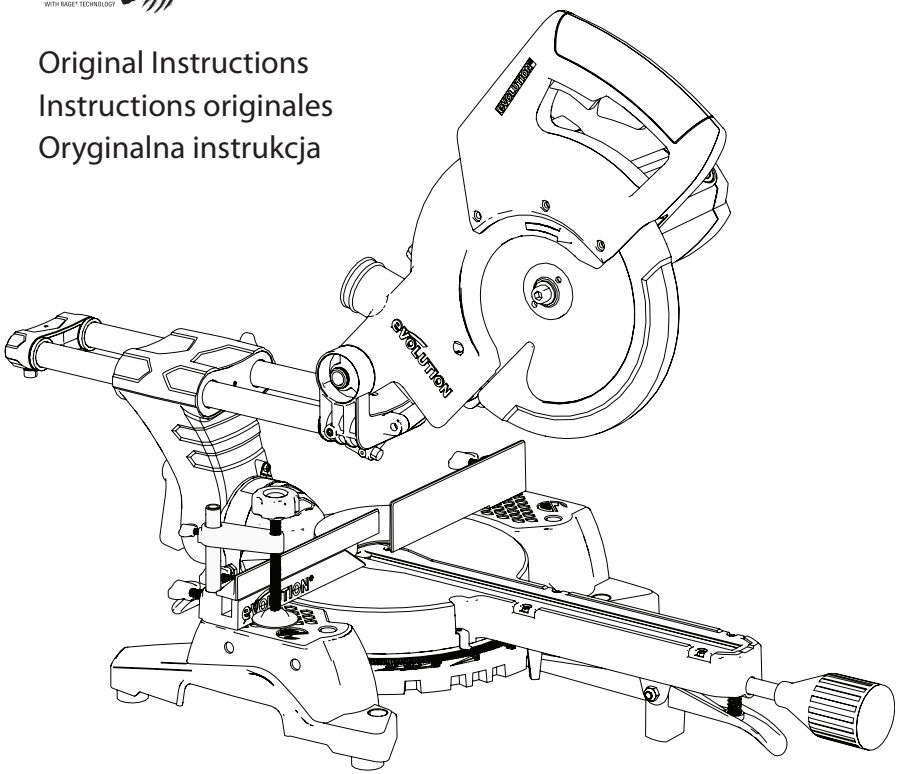
FURY3-S®
WITH RAGE® TECHNOLOGY

Original Instructions
Instructions originales
Oryginalna instrukcja



Oryginał powstał w języku angielskim brytyjskim

Data publikacji: 01 / 08 / 2016

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FURY3TS WITH RAGE® TECHNOLOGY

210mm (8-1/4") TCT MULTIPURPOSE SLIDING MITRE SAW

Specification	Metric	Imperial
Designed to cut		
Mild Steel Plate – Max Thickness	3mm	1/8"
Mild Steel Box Section – Max Wall Thickness	3mm	1/8"
Wood – Max Section	60mm x 300mm	2-3/8" x 11-3/4"
Motor (230-240V~ 50Hz)	1500W	7A
No Load Speed	$3750min^{-1}$	3750rpm
Blade Dimensions		
Diameter	210mm	8-1/4"
Bore Diameter	25.4mm	1"
Number of Teeth	20	20
Max Speed	$5000min^{-1}$	5000rpm
Thickness	1.7mm	2/8"
Product Weight	N: 10kg / G: 12.2kg	N: 26lb / G: 22lb
Laser		
Laser Class	Class 2	
Laser Source	Laser Diode	
Laser Power	1 Max mW	
Wave Length	650nm	
Noise Data		
Sound Pressure Level	94 dB (A) K = 3 dB(A)	
Sound Power Level	107 dB (A)K = 3 dB(A)	

Mitre	Bevel	Max Width Of Cut	Max Depth Of Cut
0°	0°	300mm (11-3/4")	60mm (2-3/8")
45L° / 45R°	45°	210mm (8-1/4")	35mm (1-3/8")
45L° / 45R°	0°	210mm (8-1/4")	60mm (2-3/8")
0°	45°	300mm (11-3/4")	35mm (1-3/8")

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(1.3) 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
enquires@evolutionpowertools.com

(1.4) Congratulations on your purchase of an Evolution Power Tools Machine. Please complete your product registration 'online' as explained in the A4 online guarantee registration leaflet included with this machine. You can also scan the QR code found on the A4 leaflet with a Smart Phone. This will enable you to validate your machine's guarantee period via Evolutions 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 LIMITED GUARANTEE

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 guarantee.

(1.5) Evolution Power Tools will, within the guarantee period, and from the original date of purchase, repair or replace any goods found to be defective in materials or workmanship. This guarantee is void if the tool being returned has been used beyond the recommendations in the Instruction Manual or if the machine has been damaged by accident, neglect, or improper service.

This guarantee does not apply to machines and / or components which have been altered, changed, or modified in any way, or subjected to use beyond recommended capacities and specifications. Electrical components are subject to respective manufacturers' warranties. All goods returned defective shall be returned prepaid freight to Evolution Power Tools. Evolution Power Tools reserves the right to optionally repair or replace it with the same or equivalent item.

There is no warranty – written or verbal – for consumable accessories such as (following list not exhaustive) blades, cutters, drills, chisels or paddles etc. In no event shall Evolution Power Tools be liable for loss or damage resulting directly or indirectly from the use of our merchandise or from any other cause. Evolution Power Tools is not liable for any costs incurred on such goods or consequential damages. No officer, employee or agent of Evolution Power Tools is authorized to make oral representations of fitness or to waive any of the foregoing terms of sale and none shall be binding on Evolution Power Tools.

Questions relating to this limited guarantee should be directed to the company's head office, or call the appropriate Helpline number.

Handling:

- Handle the machine with care, allowing the machine to do the work.
- Avoid using excessive physical effort on any of the machines controls.
- Consider your security and stability, and the orientation of the machine during use.

Workpiece:

- Consider the work surface material; its condition, density, strength, rigidity and orientation.

(1.8) SAFETY 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
V	Volts
A	Amperes
Hz	Hertz
Min^{-1}	Speed
~	Alternating Current
n_o	No Load Speed
	Wear Safety Goggles
	Wear Ear Protection
	Do Not Touch, Keep hands away
	Wear Dust Protection
	Wear Safety Gloves
CE	CE certification
	Waste electrical and electronic equipment
	Read Manual
	Triman - Waste Collection & Recycling
	WARNING
	Never look into the laser beam. Direct laser beam may injure your eyes.
	Double Insulation Protection

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INTENDED USE OF THIS POWER TOOL

WARNING: This product is a Multipurpose Sliding Mitre Saw and has been designed to be used with special Evolution Multipurpose blades. Only use blades designed for use in this machine and/or those recommended specifically by **Evolution Power Tools Ltd**.

WHEN FITTED WITH A CORRECT BLADE THIS MACHINE CAN BE USED TO CUT:

- Wood, Wood derived products (MDF, Chipboard, Plywood, Blockboard, Hardboard etc)
- Wood with nails
- 50mm mild steel box section with 4mm wall at HB 200-220
- 6mm mild steel plate at HB 200-220.

Note: Wood containing non galvanised nails or screws, with care, can be safely cut.

Note: Not recommended for cutting galvanised materials or wood with embedded galvanised nails. For cutting stainless steel we recommend Evolution dedicated stainless steel blades. **Cutting galvanised steel may reduce blade life.**

PROHIBITED USE OF THIS POWER TOOL

WARNING: This product is a Multipurpose Sliding Mitre Saw and must only be used as such. It must not be modified in any way, or used to power any other equipment or drive any other accessories other than those mentioned in this Instruction Manual.

(1.13) WARNING: This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the safe use of the product by a person responsible for their safety and who is competent in its safe use.

(1.14) ELECTRICAL SAFETY

This machine is fitted with the correct moulded plug and mains lead for the designated market. If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturers or its service agent.

(1.15) OUTDOOR USE

WARNING: For your protection if this tool is to be used outdoors it should not be exposed to rain, or used in damp locations. Do not place the tool on damp surfaces. Use a clean, dry workbench if available. For added protection use a residual current device (R.C.D.) that will interrupt the supply if the leakage current to earth exceeds 30mA for 30ms. Always check the operation of the residual current device (R.C.D.) before using the machine.

If an extension cable is required it must be a suitable type for use outdoors and so labelled. The manufacturers instructions should be followed when using an extension cable.

(2.1) POWER TOOL GENERAL SAFETY INSTRUCTIONS

(These General Power Tool Safety Instructions are as specified in BS EN 60745-1:2009 & EN 61029-1:2009)

WARNING: When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury including the following.

Note: This power tool should not be powered on continuously for a long time.

Read all these instructions before attempting to operate this product and save these instructions.

WARNING: Read all safety warnings and instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and/ or serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

(2.2) 1. General Power Tool Safety Warnings [Work area safety]
a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gasses or dust. Power tools create sparks which may ignite the dust or fumes.
c) Keep children and bystanders away while operating power tool. Distractions can cause you to lose control.
d) Do not use this machine in an enclosed room.

(2.3) 2. General Power Tool Safety Warnings [Electrical Safety]
a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce the risk of electric shock.
b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

(2.4) 3) General Power Tool Safety Warnings [Personal Safety]
a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
b) Use personal protective equipment. Always wear eye protection to prevent injury from sparks and chippings. Protective equipment such as dust masks, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
d) Remove any adjusting key or wrench before turning the power tool on. A wrench or key left attached to a rotating part of a power tool may result in personal injury.
e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
g) If devices are provided for the connection of dust extraction and collection facilities, ensure that these are connected and

properly used. Use of dust collection can reduce dust-related hazards.
h)When cutting metal, gloves should be worn before handling to prevent from getting burnt from hot metal.

2.5) 4) General Power Tool Safety Warnings [Power tool use and care]
a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at a rate for which it was designed.
b) Do not use the power tool if the switch does not turn it on or off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
c) Disconnect the power tool from the power source and/or battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventative safety measures reduce the risk of starting the power tool accidentally.
d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these Instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of moving parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

(2.6) 5) General Power Tool Safety Warnings [Service]
a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

(2.7) HEALTH ADVICE

WARNING: If you suspect that paint on surfaces in your home contains lead seek professional advice. Lead based paints should only be removed by a professional and you should not attempt to remove it yourself.

Once the dust has been deposited on surfaces, hand to mouth contact can result in the ingestion of lead. Exposure to even low levels of lead can cause irreversible brain and nervous system damage. The young and unborn children are particularly vulnerable.

(2.8) WARNING: Some wood and wood type products, especially MDF (Medium Density Fibreboard), can produce dust that may be hazardous to your health. We recommend the use of an approved face mask with replaceable filters when using this machine, in addition to using the dust extraction facility.

(3.5) MITRE SAW SPECIFIC SAFETY

The following specific safety instructions for Mitre Saws are based on the requirements of EN 61029-2-9:2012+A11.

BLADE SAFETY

WARNING: Rotating Saw Blades are extremely dangerous and can cause serious injury and amputation. Always keep fingers and hands at least 150mm away from the blade at all times. Never attempt to retrieve sawn material until the cutting head is in the raised position, the guard is fully closed and

the saw blade has stopped rotating. Only use saw blades that are recommended by the manufacturer and as detailed in this manual and that comply with the requirements of EN 847-1.

Do Not use saw blades that are damaged or deformed as they could shatter and cause serious injury to the operator or bystanders.

Do Not use saw blades that are manufactured from high speed steel (HSS).

If the table insert becomes damaged or worn it must be replaced with an identical one available from the manufacturer as detailed in this manual.

(3.6) PERSONAL PROTECTIVE EQUIPMENT (PPE)

Hearing protection should be worn in order to reduce the risk of induced hearing loss. Eye protection should be worn in order to prevent the possibility of the loss of sight from ejected chippings.

Respiratory protection is also advised as some wood and wood type products especially MDF (Medium Density Fibreboard) can produce dust that can be hazardous to your health. We recommend the use of an approved face mask with replaceable filters when using this machine in addition to using the dust extraction facility.

Gloves should be worn when handling blades or rough material. Heat resistant gloves should be worn when handling metallic materials which may be hot. It is recommended that saw blades should be carried in a holder wherever practicable. It is not advisable to wear gloves when operating the mitre saw.

(3.7) SAFE OPERATION

Always ensure that you have selected the correct saw blade for the material being cut. **Do Not** use this mitre saw to cut materials other than those specified in this Instruction Manual.

When transporting a mitre saw ensure that the cutting head is locked in the 90 degree down position (if a sliding mitre saw ensure that the slide bars are locked). Lift the machine by gripping the outer edges of the base with both hands (if a sliding mitre saw, transport using the handles provided). Under no circumstances shall the machine be lifted or transported using the retractable guard or any part of its operating mechanism.
Bystanders and other colleagues must be kept at a safe distance from this saw. Cut debris can, in some circumstances, be ejected forcibly from the machine, posing a safety hazard to people standing nearby.

Before each use check the operation of the retractable guard and its operating mechanism ensuring that there is no damage, and that all moving parts operate smoothly and correctly. Keep the work bench and floor area clear of all debris including sawdust, chips and off-cuts.

Always check and ensure that the speed marked on the saw blade is at least equal to the no load speed marked on the mitre saw. Under no circumstances shall a saw blade be used that is marked with a speed that is less than the no load speed marked on the mitre saw.

Where it is necessary to use spacer or reducing rings these must be suitable for the intended purpose installed and used as recommended by the manufacturer.

If the mitre saw is fitted with a laser it shall not be replaced with a different type. If the laser fails to operate it shall be repaired or replaced by the manufacturer or his authorised agent. The saw blade shall only be replaced as detailed in this Instruction Manual.

Never attempt to retrieve off-cuts or any other part of the work piece until the cutting head is in the raised position, the guard is fully closed

and the saw blade has stopped rotating.

(3.8) PERFORM CUTS CORRECTLY AND SAFELY

Wherever practicable always secure the work piece to the saw table using the work clamp where provided.

Always ensure that before each cut the mitre saw is mounted in a stable position.

If needed the mitre saw can be mounted on a wooden base or work bench or attached to a mitre saw stand as detailed in this Instruction Manual. Long work pieces should be supported on the work supports provided or on appropriate additional work supports.

(2.8) WARNING: the operation of any mitre saw can result in foreign objects being thrown towards your eyes, which could result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shield or a full face shield when needed.

WARNING: If any parts are missing, do not operate your mitre saw until the missing parts are replaced. Failure to follow this rule could result in serious personal injury.

(3.9) ADDITIONAL SAFETY ADVICE

CARRYING YOUR MITRE SAW

WARNING: When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury including the following.
READ all these instructions before attempting to operate this product and save these instructions.

Safety Advice:

- Although compact, this Mitre Saw is heavy. To reduce the risk of back injury, get competent help whenever you have to lift the saw.
- To reduce the risk of back injury, hold the tool close to your body when lifting. Bending your knees so you can lift with your legs, not your back. Lift by using the handhold areas at each side of the machines base.
- Never carry the Mitre Saw by the power cord. Carrying the Mitre Saw by the power cord could cause damage to the insulation or the wire connections resulting in electric shock or fire.
- Before moving the Mitre Saw tighten the mitre and bevel locking screws and the sliding carriage locking screw to guard against sudden unexpected movement.
- Lock the Cutting Head in its lowest position. Ensure that the Cutting Head Locking Pin is completely engaged in its socket.

WARNING: Do not use the blade guard as a 'lifting point'. The power cord must be removed from the power supply before attempting to move the machine.

- Lock the Cutting Head in the down position using the Cutting Head Locking Pin.
- Loosen the Mitre Angle Locking Screw. Turn the table to either of its maximum settings.
- Lock the table in position using the Locking Screw.
- Use the two carry handle cut-outs machined into either side of the machine base, to transport the machine.

Place the saw on a secure stationary work surface and check the saw over carefully. Check particularly the operation of all the machines safety features before attempting to operate the machine.

(4.1) GETTING STARTED

UNPACKING

Caution: This packaging contains sharp objects. Take care when unpacking. This machine could require two persons to lift, assemble and move this machine. Remove the machine, together with the accessories supplied from the packaging.

Check carefully to ensure that the machine is in good condition and account for all the accessories listed in this manual. Also make sure that all the accessories are complete. If any parts are found to be missing, the machine and its accessories should be returned together in their original packaging to the retailer.

Do not throw the packaging away; keep it safe throughout the guarantee period. Dispose of the packaging in an environmentally responsible manner. Recycle if possible.
Do not let children play with empty plastic bags due to the risk of suffocation.

(4.2) ITEMS SUPPLIED

Description	Quantity
Instruction Manual	1
Multipurpose Blade (Fitted)	1
Hex Key 6mm (Blade Change)	1
Hold Down Clamp	1
Extension Support	2
Dust Extraction Connector	1
Laser Lens Cap (Fitted)	1

(4.3) OPTIONAL ACCESSORIES (NOT SUPPLIED)

In addition to the standard items supplied with this machine the following accessories are also available from the Evolution online shop at **www.evolutionpowertools.com** or from your local retailer.

(4.4)

Description	Part No
Multipurpose Blade	FURYBLADE210MULTI
Dust Bag	030-0309

Additional accessories and information on the use and type of accessory suitable for your machine can be obtained by contacting your local dealer or Evolution Power Tools.

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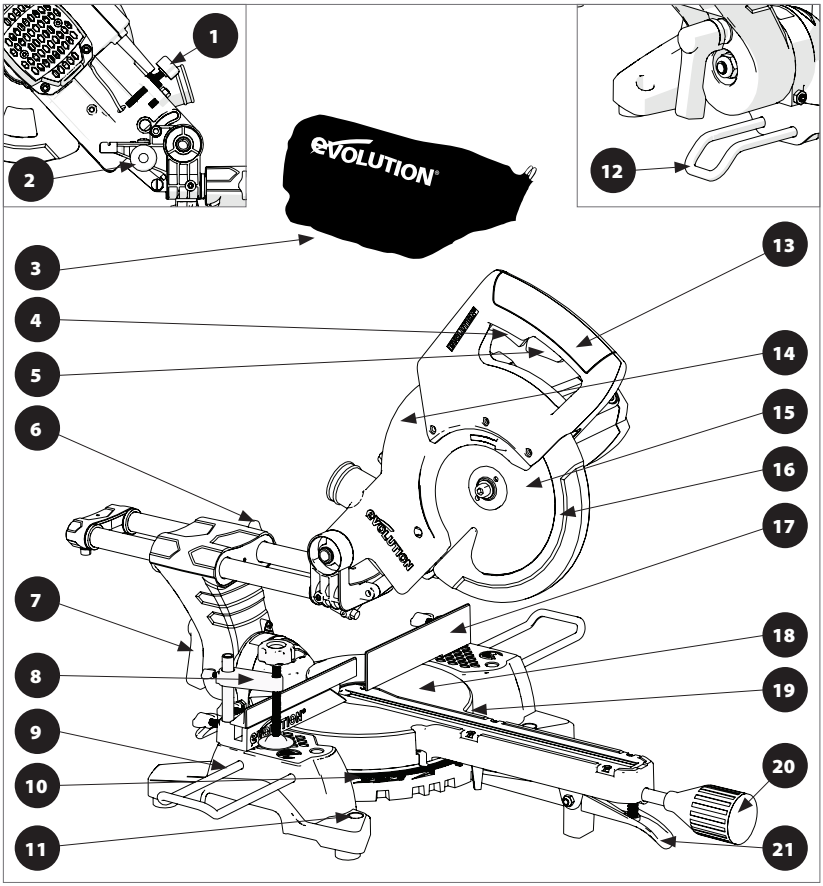
MACHINE OVERVIEW



1. DEPTH GAUGE
2. CUTTING HEAD LATCHING PIN
3. DUST BAG (Optional Accessory)
4. ON/OFF TRIGGER SWITCH
5. BLADE GUARD LOCKING TRIGGER
6. SLIDE LOCKING SCREW
7. BEVEL LOCK LEVER
8. HOLD DOWN CLAMP
9. WORKPIECE SUPPORTS
10. MITRE ANGLE SCALE
11. MOUNTING HOLE (x4)
12. REAR STABILISING BAR
13. CUTTING HANDLE
14. UPPER BLADE GUARD
15. BLADE
16. LOWER BLADE GUARD
17. FENCE
18. TABLE TOP
19. ROTARY TABLE
20. MITRE HANDLE LOCKING KNOB
21. POSITIVE STOP LOCKING LEVER

ASSEMBLY AND PREPARATION

WARNING: Always disconnect the saw from the power source before making any adjustments.

MITRE HANDLE LOCKING KNOB

Attach the Mitre Handle Locking Knob by screwing it into its service position at the end of the Mitre Handle. **(Fig. 1)**

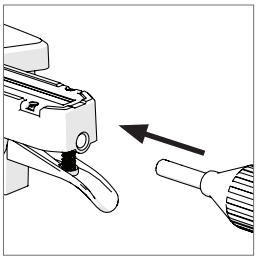


Fig. 1

PERMANENTLY MOUNTING THE TABLE/MITRE SAW

To reduce the risk of injury from unexpected movement, place the machine in the desired location either on a workbench or other suitable machine stand. The base of the machine has four mounting holes through which suitable bolts (not supplied) can be placed to secure the Mitre Saw. If the machine is to be used in one location only, permanently fasten it to the workbench using appropriate fastenings (not supplied). Use locking washers and nuts on the underside of the workbench. **(Fig. 2)**

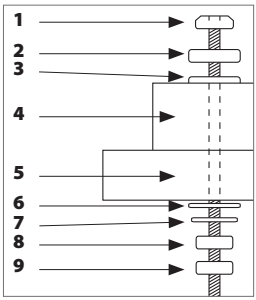


Fig. 2
1) Hex headed bolt
2) Spring washer
3) Flat washer
4) Mitre saw base
5) Workbench
6) Flat washer
7) Spring washer
8) Hex nut
9) Lock nut

- Tighten the Mitre Handle Locking Knob to secure the Rotary Table at 0° mitre angle. **(See Figs 29-31)**
- Tighten the Bevel Lock Lever to secure the Cutting Head at 0° bevel angle. **(See Fig. 12)**
- To avoid possible injury from flying debris, position the saw so that other people or bystanders cannot stand too close (or behind) it where they could be in 'harms way'.
- Locate the saw on a firm, level surface where there is plenty of room for handling and properly supporting (especially long) workpiece(s).
- The machines table and the rotary table should be level and the machine should not rock.
- Bolt or clamp the saw securely to its support stand or workbench.

FOR PORTABLE USE:

- Mount the saw on a piece of kitchen worktop or on a (min) 18mm thick piece of plywood or MDF (600mm x 400mm min size recommended) using appropriate fastenings (not supplied).
- It may be necessary to countersink the washers, nuts, etc. to the underside of the worktop, plywood or MDF mounting board to avoid an uneven work surface.
- Use G-clamps to attach the mounting board to the work surface. **(Fig. 3)**

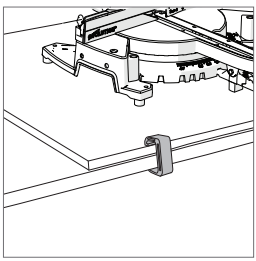


Fig. 3

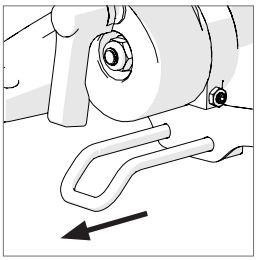


Fig. 4

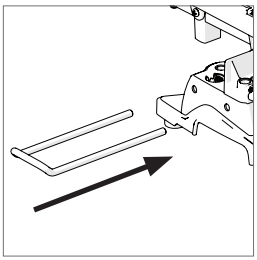


Fig. 5

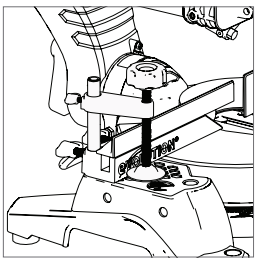


Fig. 6

Note: This machine is fitted with a rear stabilizing arm which is located just below the Bevel Pivot. This arm must be fully deployed/withdrawn from the base for safety reasons, particularly if the machine is to be used free standing on a work bench. **(Fig. 4)**

This arm will provide extra stability and help prevent the machine from 'tumbling' in the event of sudden release of the Cutting Head during free standing cutting operations.

RIGHT & LEFT HAND WORKPIECE SUPPORTS (Fig. 5)

Note: We recommend the workpiece supports are fitted at all times to increase stability of the saw.

The supplied workpiece supports simply slide into the two (2) holes found at either side of the machines base.

Approximately 65/70mm of each leg of the workpiece support should slide into the base. The 'legs' of the workpiece support must engage with, and slide through the two (2) support brackets provided in the interior of the base casting.

Secure the Workpiece Support into the base by tightening the relevant retaining screw.

HOLD DOWN CLAMP (Fig. 6)

Two sockets (one either side) are incorporated into the rear of the machines fence. These sockets are for positioning the Hold Down Clamp.

- Fit the clamp to the retaining socket that best suits the cutting application, ensuring that it is fully pushed down.
- Tighten the fence thumbscrew to lock the pillar of the clamp into the fence socket.
- Place the workpiece to be cut onto the saw table, against the fence and in the desired position.
- Adjust the clamp using the thumbscrews and hand-wheel so that it securely holds the workpiece to the saw table.

Conduct a 'dry run' with the power disconnected. Ensure that the Hold Down Clamp does not interfere with the path of the blade, or with the path of any other part of the Cutting Head as it is lowered.

THE LASER CUTTING GUIDE

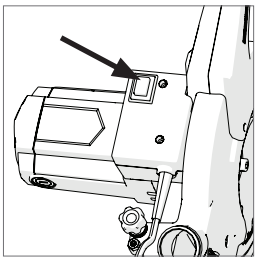


Fig. 7

This machine is equipped with a Laser Cutting Guide. This allows the operator to preview the path of the blade through the workpiece. The ON/OFF switch for the Laser Guide is positioned on the top of the motor housing. **(Fig 7)**

Avoid direct eye contact with the laser beam, and do not use on material that could reflect the laser beam.

WARNING: Do not stare directly at the laser beam. A hazard may exist if you deliberately stare into the beam. Observe all of the following safety rules.

- The laser beam must not be deliberately aimed at personnel and must be prevented from being directed towards the eyes of a person.
- Always ensure that the laser beam is used only on workpieces that have non-reflective surfaces, i.e natural wood or matt surfaces etc.
- Never exchange the laser module assembly for a different type or class of laser.
- Repairs to the laser module must only be conducted by Evolution Power Tools or their authorized agent.

LASER ADJUSTMENT

WARNING: At no time during this adjustment procedure should the motor be started.

To check laser alignment:

- Secure (with masking or sellotape) a piece of cardboard, or similar, onto the rotary table of the machine.
- With the sliding carriage in the rearmost position, lower the Cutting Head so that a blade tooth makes an indentation mark in the cardboard.
- Allow the Cutting Head to rise, and then repeat the above with the sliding carriage in an approximate mid- way position. Again repeat, but with the sliding carriage moved to its most forward position.
- With the Cutting Head raised, turn on the laser and slide the Cutting Head backwards and forwards to observe the projected laser beam and how it relates to the three (3) indentations made by the saw teeth in the cardboard:
  - Projected Laser Beam is in alignment with the three indentations = **No further action required.**

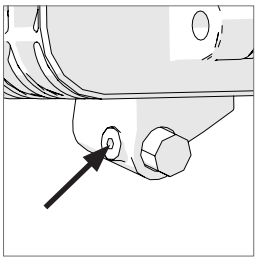


Fig. 8

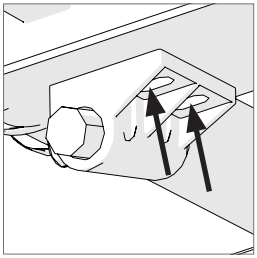


Fig. 9

- Projected Laser Beam is not parallel with the indentations = **Follow section A.**
- Beam is parallel with but not aligned to the indentations = **Proceed to B.**

Section A.

- Loosen the clamping screw. **(Fig. 8)**
- Carefully and gently rotate the laser module, until the line is parallel with the marks in the cardboard.
- Re-tighten the clamping screw.
- Recheck the alignment.

Section B.

Laser beam parallel with the indentations, but not going through them:

- Slacken the two hex screws. **(Fig. 9)**
- The laser mounting block can now be moved sideways to align the laser beam with the indentations made in the cardboard.
- When the laser beam is in the correct place, re-tighten the two screws.
- Repeat procedure **'A'** to check alignment.

Note: The above adjustments & alignments should be checked on a regular basis to ensure laser accuracy.

Note: The following **WARNING** labels may be found on this machine:

LASER RADIATION
DO NOT STARE INTO THE BEAM
CLASS 2 LASER PRODUCT

Never look into the laser beam. Direct laser beam may injure your eyes.

LASER SAFETY

Never look into the laser beam. Direct laser beam may injure your eyes.

The Laser guide line used in this product uses a class 2 Laser with a maximum power output of 1.5mW at a wave length of between 635 and 670nm. These lasers do not normally present an optical hazard, although staring at the beam may cause temporary flash blindness.

WARNING: Do not stare directly at the Laser beam. The laser must be used and maintained as detailed in this manual. Never intentionally aim the laser beam at any person and prevent it from being directed towards the eye, or an object other than the workpiece. Always ensure that the laser beam is directed at the work-piece only when it is located on the mitre saw table.

Never direct the laser beam onto any bright, shiny reflective surface, as the laser beam could be reflected back towards the operator. Do not change the laser unit for any other type.

Do not tamper with the laser unit. Only touch the unit when making adjustments. Repairs to the laser shall only be carried out by an authorised service centre.

THE LASER LINE

The projected laser guide line shows the path of the blade during a cut.

To use the Laser Guide for a known angle (e.g. 45°):

- Mark the cut required on the work-piece using a pencil etc.
- Set the saw to the cutting angle required (45°) and lock into position using the mitre locking handle and/or the positive stop locking lever.
- Switch on the laser beam.
- Position the workpiece on the rotary table and against the fence.
- Slide the workpiece into position until the pencil line on the workpiece and the projected laser line exactly match.
- Clamp the workpiece into position using the hold down clamp.
- Proceed to make the cut.

To use the Laser Guide for an unknown angle:

- Mark the position of the cut to be made on the workpiece using a pencil etc.
- Place the workpiece on the rotary table and against the fence.
- Adjust the mitre saw to give the approximate angle of cut. Do not tighten the mitre lock handle at this stage.
- Slowly slide the workpiece backwards and forwards along the fence, whilst at the same time slowly adjusting the angle of the rotary table.
- Stop when the projected laser line and pencil line on the work-piece match exactly.
- Tighten the mitre lock handle to lock the rotary table in place.
- Secure the workpiece with a hold down clamp.
- Recheck the alignment.
- When satisfied that alignment is accurate proceed to make the cut.

The Laser Lens Cap

If fitted the laser lens cap is a simple push fit onto the front of the laser unit.

If it becomes damaged or opaque for any reason it can be replaced.

Carefully pull the lens cap from the laser unit and replace with a new lens cap.

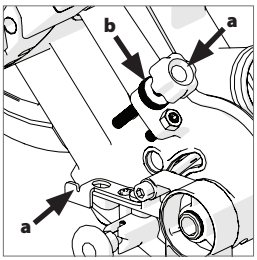


Fig. 10

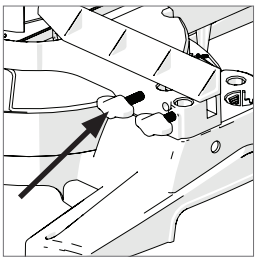


Fig. 11

DEPTH STOP (Fig. 10)

Use of the depth stop allows the operator to cut slots in a workpiece.

The downward travel of the Cutting Head can be limited so that the saw blade does not completely cut through the workpiece.

Note: When using the Depth Stop it is advisable that the depth of cut is checked using a scrap piece of timber to ensure that the slot is cut correctly.

By making a cut in the workpiece, and then repeating the cut but with the workpiece slightly repositioned to the left or right, it is possible to perform trenching cuts.

To use the depth stop:

- Deploy the depth stop 'stop plate' **(a)** by pulling it fully to the right (outwards).
- Loosen the knurled locking nut. **(b)**
- Adjust the depth stop screw **(c)** to limit the saw heads travel to the required depth.
- Once set to the desired depth, tighten the knurled locking nut **(b)** against the retaining bracket to lock the depth stop and ensure that there is no movement.
- When cutting is complete re-adjust the depth stop so that the Cutting Head can be locked in the down position by the head latching pin.

Note: In some circumstances the depth stop can be left at the selected setting. When the depth stop 'stop plate' is returned to its 'normal' position the depth stop screw will pass through a machined hole in the 'stop plate' and through a channel in the machines casting, thus rendering the depth stop facility inoperative.

(7.5) THE SLIDING UPPER FENCE SECTION

The Left Hand side of the Fence has an adjustable upper section. Adjustment may be necessary to provide clearance for the moving Cutting Head when acute bevel or compound angles are selected.

- Loosen the thumbscrew. **(Fig.11)**
- Slide the upper section of the Fence leftwards to the required position and tighten the thumbscrew.
- Conduct a 'dry run' with the power off to confirm that there is no interference between moving parts as the Cutting Head is lowered.

(8.4) ADJUSTMENT OF PRECISION ANGLES

Several checks/adjustments are possible on this machine. The operator will require a 90°- 45°/45° Set Square (not supplied) to carry out these checks and adjustments.

WARNING: Checks/adjustments must only be conducted with the machine disconnected from the power supply.

BEVEL ANGLES (0° AND 45°)

0° Bevel Stop Adjustment

- Ensure that the Cutting Head is in the locked down position with the latching pin fully engaged in its socket.
- Ensure that the Cutting Head is upright, against its stop and the bevel pointer is indicating 0° on the scale. **(Fig. 12)**
- Place the Set Square on the table with one short edge against the table and the other short edge against the blade (avoiding the TCT tips). **(Fig. 13)**
- If the blade is blade is not set at exactly 90° (square) to the rotary table of the machine then adjustment is required.
- Loosen the Bevel Lock Handle and tilt the Cutting Head to the left.
- Loosen the locknut on the Bevel Angle Adjustment Screw. **(Fig. 14)**
- Use a Hex Key to turn the screw in or out to adjust the inclination of the blade.
- Return the Cutting Head to its upright position and recheck the angular alignment against the Set Square.
- Repeat the above steps until correct angular alignment is achieved.
- Tighten the Bevel Angle Adjustment locknut securely.

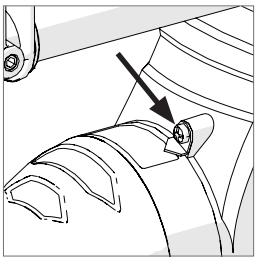


Fig. 12

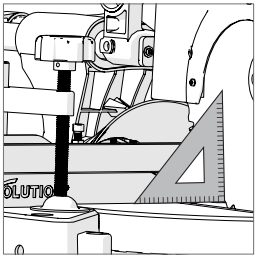


Fig. 13

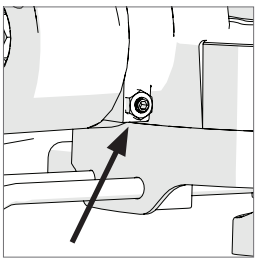


Fig. 14

EN

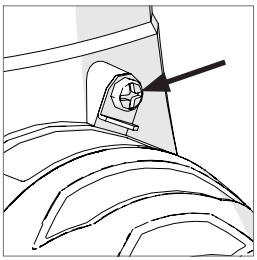


Fig. 15

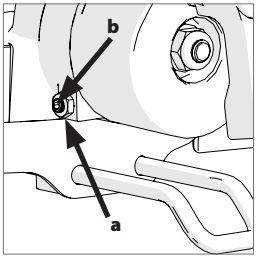


Fig. 16 a + b

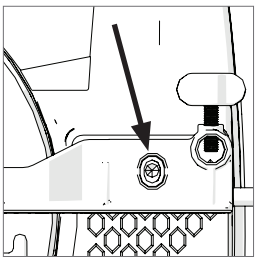


Fig. 17

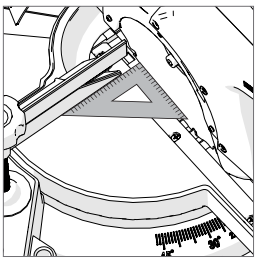


Fig. 18

0° Bevel Pointer Adjustment

Note: The operator must be satisfied that the blade is set exactly perpendicular to the table when in the upright position and against its stop.

- If the pointer is not in exact alignment with the 0° mark on the protractor scale adjustment is necessary.
- Loosen the Bevel Pointer screw using a #2 Phillips screwdriver. **(Fig. 15)**
- Adjust the Bevel Pointer so that it is in alignment exactly with the 0° mark.
- Retighten the screw.

45° Bevel Stop Adjustment

- Loosen the Bevel Lock Handle and tilt the Cutting Head completely to the left until it rests against the 45° stop.
- Use a Set Square to see if the blade is at 45° to the rotary table (avoiding the blades TCT tips).
- If the saw blade is not in exact alignment adjustment is necessary.
- Return the Cutting Head to its upright position.
- Loosen the locknut on the 45° Bevel Adjustment Screw. **(Fig. 16a)**
- Use a Hex Key to adjust the Adjustment Screw in or out as required. **(Fig. 16b)**
- Tilt the Cutting Head to the 45° setting and recheck for alignment with the Set Square.
- Repeat the above steps until the correct angular alignment is achieved.
- Tighten the Adjustment Screw locknut securely once alignment is achieved.

FENCE ALIGNMENT

The machines fence must be aligned at 90° (square) to a correctly installed blade. The rotary table must be set at '0°' mitre angle.

The Fence is fastened to the table with two socket head Hex screws positioned at either side of the fence in elongated slots. **(Fig. 17)**

- Ensure that the Cutting Head is in the locked down position with the latching pin fully engaged in its socket.
- Place a Set Square on the table with one short edge against the Fence and the other short edge against the Blade (avoiding the TCT tips). **(Fig. 18)**
- Repeat this process to both sides of the blade.

- If adjustment is necessary, loosen the two Fence adjustment screws using a Hex Key.
- Re-position the Fence in its elongated slots until alignment is achieved.
- Securely tighten the socket head Hex screws.

Note: To gain access to the Left Hand (LH) machine screw it may be necessary to remove the sliding upper portion of the fence from the main fence casting.

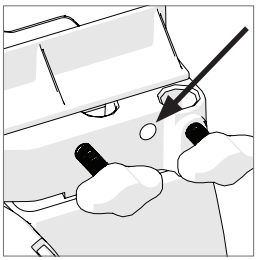


Fig. 19

To remove the upper sliding fence:
- Remove the grub screw **(Fig 19)** which holds the sliding upper part of the fence 'captive' to the main fence casting.
- Slide the sliding upper fence from the main fence casting.
- The socket headed machine screw should now be easily accessible.
- Reposition the Fence until the correct alignment is achieved, and then retighten the socket head machine screws.
- Recheck the alignment.
- Reinstall the sliding upper portion of the fence.

Note: Reinstallation is the reversal of the removal process.

(8.1) OPERATING INSTRUCTIONS

Caution: The Mitre Saw should be inspected (particularly for the correct functioning of the safety guards) before each use. Do not connect the saw to the power supply until a safety inspection has been carried out.

Ensure that the operator is adequately trained in the use, adjustment and maintenance of the machine, before connecting to the power supply and operating the saw.

(8.2) WARNING: To reduce the risk of injury, always unplug the saw before changing or adjusting any of the machines parts. Compare the direction of the rotation arrow on the guard to the direction arrow on the blade. The blade teeth should always point downward at the front of the saw. Check the tightness of the arbor screw.

(8.3) BODY & HAND POSITIONING (Fig. 20)

- Never place your hands within the 'no hands zone' (at least 150mm away from the blade). Keep hands away from the path of the blade.
- Secure the work-piece firmly to the table and against the fence to prevent any movement.
- Use a Hold Down Clamp if possible but check that it is so positioned that it does not interfere with the path of the blade or other moving machine parts.
- Avoid awkward operations and hand positions where a sudden slip could cause your fingers or a hand to move into the blade.
- Before attempting a cut, make a 'dry run' with the power off so that you can see the path of the blade.
- Keep your hands in position until the ON/OFF trigger switch has been released and the blade has completely stopped.

(8.5) PREPARING TO MAKE A CUT

DO NOT OVER-REACH

Keep good footing and balance. Stand to one side so that your face and body are out of line of a possible kickback.

WARNING: Freehand cutting is a major cause of accidents and **should not be attempted.**

- Ensure that the workpiece is always firmly resting against the fence, and where practical is clamped with the Hold Down Clamp to the table.
- The saw table should be clean and free from any sawdust etc. before the workpiece is clamped into position.
- Ensure that the 'cut-off' material is free to move sideways away from the blade when the cut is completed. Ensure that the 'cut-off' piece cannot become 'jammed' in any other part of the machine.
- Do not use this saw to cut small pieces. If the work-piece being cut would cause your hand or fingers to be within 150mm of the saw blade, the workpiece is too small.

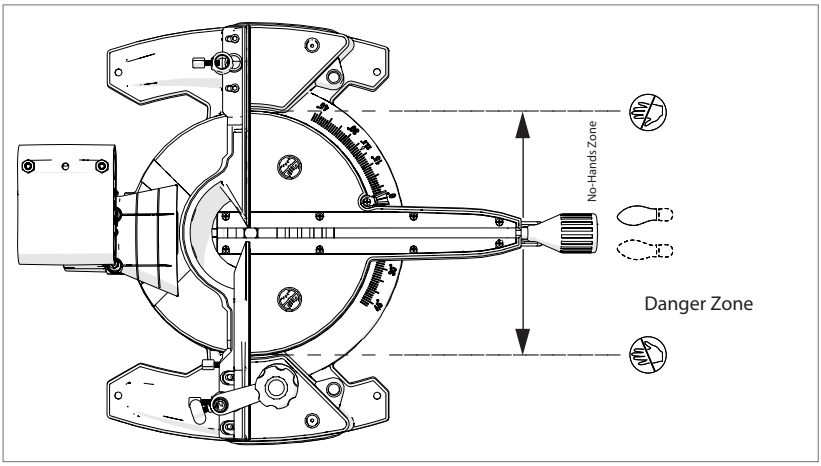


Fig. 20

UNLATCHING AND RAISING THE CUTTING HEAD

WARNING: To avoid serious injury, NEVER perform the locking or unlocking procedure unless the saw is OFF and the blade stopped.

To Release the Cutting Head from the Locked Down position:

- Gently press down on the Cutting Handle.
- Pull the Cutting Head Latching Pin fully outwards.
- Turn the Latching Pin ¼ of a turn and allow the Pin to settle in the unlocked position within the 'boss'. **(Fig. 21)**
- The Cutting Head will automatically rise to the upper position once it is released from the locked down position.
- The Cutting Head will lock in the upper position.

If Release is Difficult:

- Gently rock the Cutting Head up and down.
- At the same time twist the Head Latching Pin clockwise and pull outwards.

Note: We recommend that when the machine is not in use the Cutting Head is locked in its down position with the latching pin fully engaged in its socket.

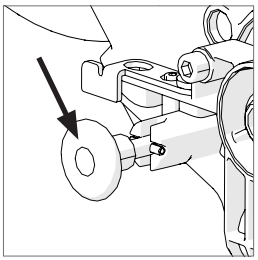


Fig. 21

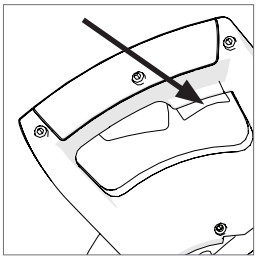


Fig. 22

THE MOTOR ON/OFF SWITCH (Fig. 22)

The ON/OFF Motor Trigger Switch is a non-latching type.
It is the upper of the two switches that are positioned inside the Cutting Handle.

- Press the switch to start the motor.
- Release the switch to turn off the motor.

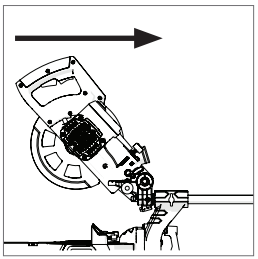


Fig. 23

CHOP CUTTING

This type of cut is used mainly for cutting small or narrow section material. The Cutting Head is gently pushed down to cut through the workpiece.

The Sliding Carriage should be locked in its rearmost position. **(Fig. 23)**

- Slide the Cutting Head to the rear as far as it will go.
- Tighten the slide lock screw. **(Fig. 24)**
- Place the workpiece on the table and against the fence and secure with clamp(s) as appropriate.
- Grasp the saw handle.
- Turn the motor on and allow the saw blade to reach full speed.

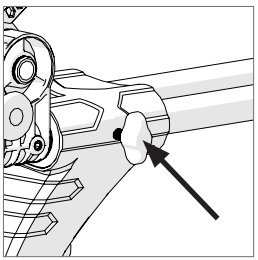


Fig. 24

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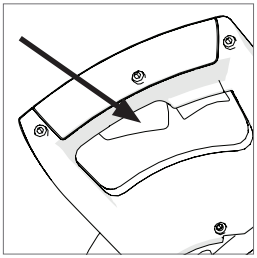

Fig. 25

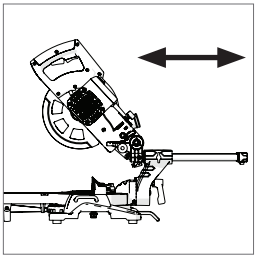

Fig. 26

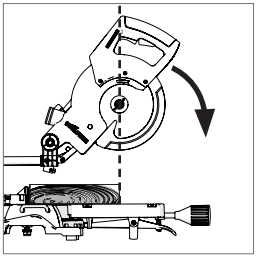

Fig. 27

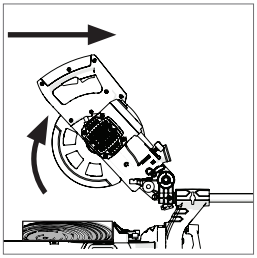

Fig. 28

- Press the lower guard locking trigger to release the Cutting Head. **(Fig. 25)**
- Lower the Cutting Handle downwards and cut through the workpiece.
- Allow the speed of the blade to do the work, there is no need to apply undue pressure to the Cutting Handle.
- When the cut has been completed, release the **ON/OFF** trigger switch.
- Allow the blade to come to a complete stop.
- Allow the Cutting Head to rise to its upper position, with the lower blade guard completely covering the blade teeth, and the Cutting Head locked in the upper position, before releasing the Cutting Handle.
- Remove the workpiece.

SLIDE CUTTING

This saw is equipped with a Sliding Carriage system.

Loosening the slide lock screw will release the slide and allow the Cutting Head to move forwards and backwards. **(Fig. 26)**

The saw blade is lowered into the workpiece and then pushed to the rear of the machine to complete a cut. This type of cut can be used for cutting wide pieces.

- Position the workpiece on the table and against the fence and secure with clamp(s) as appropriate.
- Loosen the slide lock screw.
- Grasp the Cutting Handle and pull the Cutting Head forward until the arbor (centre of saw blade) is over the front edge of the workpiece. **(Fig. 27)**
- Operate the ON/OFF motor trigger switch and allow the saw blade to reach full speed.
- Press the lower blade guard locking trigger for Cutting Head release.
- Push the Cutting Handle all the way down and cut through the leading edge of the workpiece.
- Gently push the Cutting Handle rearwards towards the fence completing the cut.
- Always push the Cutting Head to the full rear position during each cut. **(Fig. 28)**
- When the cut has been completed, release the trigger switch and allow the blade to come to a complete stop.
- Allow the Cutting Head to rise to its upper position, with the lower blade guard completely covering the blade teeth, and the Cutting Head locked in the upper position, before releasing the Cutting Handle.

WARNING: Never pull the Cutting Head and spinning blade towards you when making a sliding cut. The blade may try to climb up on top of the workpiece, causing the Cutting Head to 'Kickback' forcefully.

The Cutting Head should always be positioned as outlined above before attempting to make a sliding cut. When the Cutting Head is in the correct position above the work-piece it can be lowered and pushed rearwards towards the fence to complete the cut.

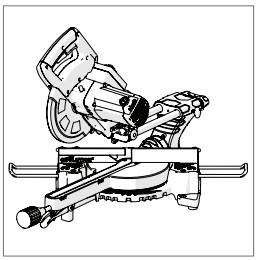

Fig. 29

MITRE CUTTING (Fig. 29)

The rotary table of this machine can be turned through 45° to the left or right from the normal cross-cut (0°) position.

Positive stops are provided at 45°, 30°, 22.5° and 15° to both the right hand and left hand sides.

Mitre Cutting is possible with or without the Sliding Carriage system being deployed.

- Unclamp the Mitre Handle by turning the Locking Knob anti- clockwise. **(Fig. 30)**
- Pull up the Positive Stop Locking Lever. **(Fig. 31)**
- Turn the rotary table to the desired angle.

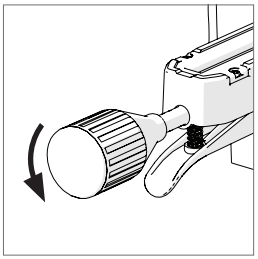

Fig. 30

Note: A mitre angle protractor scale is incorporated into the machines base to aid setting.

- Clamp the Mitre Handle into the required position by tightening the Locking Knob.

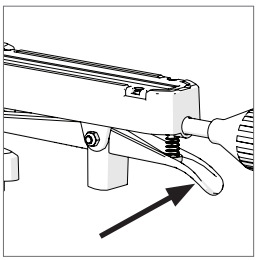

Fig. 31

Note: It is good practice to clamp the Mitre Handle even if a Positive Stop has been selected and the Positive Stop Locking Lever is engaged.

BEVEL CUTTING TILTING THE CUTTING HEAD

A bevel cut **(Fig. 32)** is made with the rotary table set at 0° mitre.

Note: It may be necessary to adjust the upper section of the Fence to provide clearance for the moving Cutting Head.

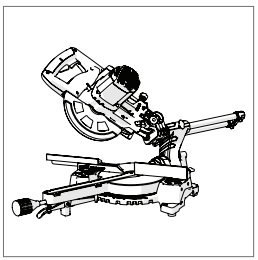

Fig. 32

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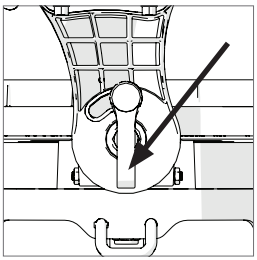

Fig. 33

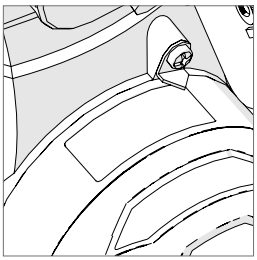

Fig. 34

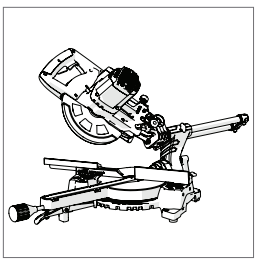

Fig. 35

The Cutting Head can be tilted from the normal 0° (perpendicular position) to a maximum angle of 45° from the perpendicular to the left hand side only. Bevel cutting is possible with or without the sliding carriage system being deployed.

To tilt the Cutting Head to the left:
- Loosen the bevel lock lever. **(Fig. 33)**
- Tilt the Cutting Head to the required angle. A protractor scale is provided as an aid to setting. **(Fig 34)**
- Tighten the bevel lock lever when the desired angle has been selected.

Note: The bevel lock lever is sprung loaded and this enables it to be repositioned on its operating screw. Repositioning may be necessary to avoid interference with other parts of the machine when certain mitre angles are selected.

To reposition the lever:
- Pull the lever outwards and turn to a convenient position.
- Release the lever.

STANCE

Stand to the left side of the handle when making a cut.

When cutting is completed:
- Release the ON/OFF trigger switch, but keep your hands in position and allow the blade to completely stop.
- Allow the Cutting Head has to rise to its upper position, with the lower blade guard completely deployed before removing yours hand(s).
- Return the Cutting Head to the perpendicular position.

(8.7) COMPOUND CUTTING (Fig. 35)

A compound cut is a combination of a mitre and bevel cut employed simultaneously.

When a compound cut is required, select the desired bevel and mitre positions as previously described.

Compound cutting with the sliding carriage system deployed is possible. Always check that the sliding blade does not interfere with the machines fence or any other parts of the machine.

Adjust the upper left hand section of the fence if necessary.

CUTTING BOWED MATERIAL (Fig. 36)

Before cutting any workpiece, check to see if it is bowed. If it is bowed the workpiece must be positioned and cut as shown.

Do not position the workpiece incorrectly or cut the workpiece without the support of the fence.

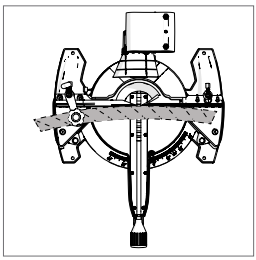

Fig. 36

(8.9) CLEARING JAMMED MATERIAL

- Turn mitre saw "OFF" by releasing the trigger switch.
- Allow the blade to come to a complete halt.
- Unplug the mitre saw from the mains supply.
- Carefully remove any jammed material from the machine.
- Check the condition and operation of the safety guard.
- Check for any other damage to any part of the machine e.g. the blade.
- Have any damaged parts replaced by a competent technician and a safety inspection carried out before using the machine again.

(8.10) SUPPORTING LONG WORKPIECES

The free end of a long workpiece should be supported at the same height as the machine table. The operator should consider using a remote work piece support in addition to the table extension bars if thought necessary.

(8.11) INSTALLING OR REMOVING A BLADE

Please refer to the **'UNLATCHING AND RAISING THE CUTTING HEAD'** section to bring the head into the upward position.

WARNING: Only carry out this operation with the machine disconnected from the mains supply.

WARNING: Only fit the blade after the assembly process and the Assembly Safety Checks are completed.

Note: It is recommended that the operator wears protective gloves when handling the blade during installation or when changing the machines blade.

WARNING: Only use genuine Evolution blades or those blades specifically recommended by Evolution Power Tools and which are designed for this machine. Ensure that the maximum speed of the blade is higher than the speed of the machine's motor.

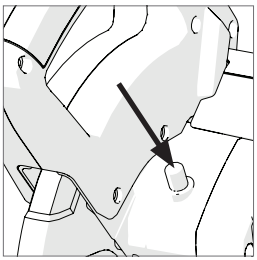

Fig. 37

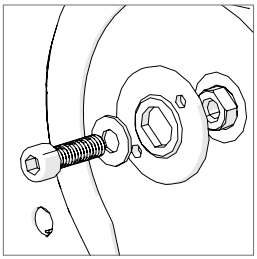

Fig. 38

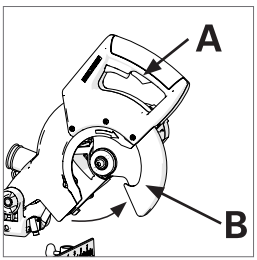

Fig. 39

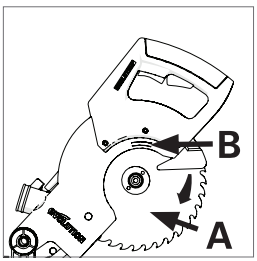

Fig. 40

Note: Blade Bore Reducing Inserts should only be used in accordance with the manufacturers instructions.

WARNING: The arbor screw has a LH thread. Turn clockwise to loosen. Turn counterclockwise to tighten.

Press & keep pressing the arbor lock button on the motor housing while turning the arbor screw using the supplied Hex Key until the button locates fully into the shaft and locks the shaft **(Fig. 37)** and continue to remove the arbor screw, washer and outer blade flange. **(Fig. 38)**

Release the arbor lock button.

- Ensure that the blade and blade flanges are clean and free from any contamination.
- The inner-blade flange should be left in place but if it is removed for cleaning it must be replaced the same way round as it was removed from the machine.

To insert the blade Press the Lower Blade Guard Release Trigger **(A)** rotate the lower blade guard **(B)** up into the upper blade guard and hold the lower blade guard in that position. **(Fig. 39)**

Install the new blade onto the inner flange ensuring it is seated properly on the flange shoulder and then slowly release the lower blade guard back to its original closed position. Make sure the rotation arrow on the blade **(A)** matches the clockwise rotation arrow on the upper guard **(B)**. **(Fig. 40)**

Note: The blade teeth should always point downward at the front of the saw.

Install the outer flange (1) (flat face onto the machine), washer (2) and arbor screw (3). (Fig. 41)

Press & keep pressing the arbor lock button on the motor housing while tightening the arbor screw using the supplied Hex Key until the button locates fully into the shaft and locks the shaft. **(Fig. 37)**

Tighten the arbor screw using moderate force, but do not overtighten. Ensure the Hex Key is removed and the arbor lock button has released before operating. Ensure the blade guard is fully functional before using the machine.

(8.12) USE OF OPTIONAL EVOLUTION ACCESSORIES

Not supplied as original equipment – see optional accessories (Page 11).

(8.13) DUST BAG

A Dust Bag can be fitted to the extraction port at the rear of the machine. The Dust Bag is for use when cutting wooden materials only.

- Slide the Dust Bag over the dust extraction port, ensuring that the spring clip grips the port holding the Dust Bag securely in place. **(Fig. 42)**

Note: For operational efficiency empty the Dust Bag when it becomes 2/3 full. Dispose of the contents of the Dust Bag in an environmentally responsible way. It may be necessary to wear a dust mask when emptying the Dust Bag.

Note: A workshop vacuum extraction machine can be attached to the dust extraction port if required. Follow the manufacturers instructions if such a machine is fitted.

WARNING: Do not use the Dust Bag when cutting metallic materials.

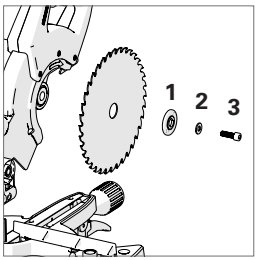

Fig. 41

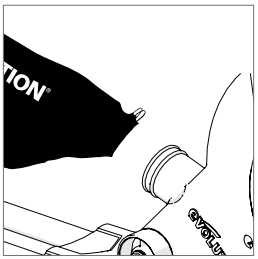

Fig. 42

MAINTENANCE

Note: Any maintenance must be carried out with the machine switched off and disconnected from the mains/ battery power supply.

Check that all safety features and guards are operating correctly on a regular basis. Only use this machine if all guards/safety features are fully operational.

All motor bearings in this machine are lubricated for life.
No further lubrication is required.

Use a clean, slightly damp cloth to clean the plastic parts of the machine. Do not use solvents or similar products which could damage the plastic parts.

WARNING: Do not attempt to clean by inserting pointed objects through openings in the machines casings etc. The machines air vents should be cleaned using compressed dry air.

Excessive sparking may indicate the presence of dirt in the motor or worn out carbon brushes.

CHECKING/REPLACING THE CARBON BRUSHES

WARNING: Disconnect the machine from the power supply before attempting to check or replace the Carbon Brushes.

Replace both carbon brushes if either has less than 6mm. length of carbon remaining, or if the spring or wire is damaged or burned.

To remove the brushes:

- Unscrew the plastic caps found at the back of the motor.
  Be careful as the caps are spring-loaded.
- Withdraw the brushes with their springs.
- If replacement is necessary renew the brushes and replace the caps.

Note: Used but serviceable brushes can be replaced, but only as long as they are returned to the same position, and inserted the same way round, as they were removed from the machine.

- Run new brushes without load for approximately 5 minutes. This will help the bedding-in process.

TABLE INSERT

A one piece table insert is fitted to this machine. If it is damaged or worn, it must be replaced. Replacement inserts are available from Evolution Power Tools.

To replace the table insert:

- Remove the cross-head screws that secure the insert to the rotary table.

Note: It may be necessary to temporarily remove or reposition the fence to gain access to some of the fixing screws.

- Lift the insert from the table.
- Remove any debris that may have accumulated under the insert.
- Fit the replacement insert, and replace the fixing screws.
- If necessary replace and re-align the fence. (See **FENCE ALIGNMENT** and **Fig 17**)
- Check that the insert is lying flush and level within the table.

(6.4) ENVIRONMENTAL PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

EC DECLARATION OF CONFORMITY

The manufacturer of the product covered by this Declaration is:
Evolution Power Tools, Venture One, Longacre Close, Holbrook Industrial Estate, Sheffield, S20 3FR.

The manufacturer hereby declares that the machine as detailed in this declaration fulfils all the relevant provisions of the Machinery Directive and other appropriate directives as detailed below. The manufacture further declares that the machine as detailed in this declaration, where applicable, fulfils the relevant provisions of the Essential Health and Safety requirements.

The Directives covered by this Declaration are as detailed below:

2006/42/EC	Machinery Directive.
2014/30/EU	Electromagnetic Compatibility Directive.
2011/65/EU	The Restriction of the Use of certain Hazardous Substances in Electrical Equipment (RoHS) Directive
2012/19/EU	The Waste Electrical and Electronic Equipment (WEEE) Directive.

And is in conformity with the applicable requirements of the following documents

EN 61029-1: 2009+A11 • EN 61029-2-9: 2012+A11 • EN 55014-1: 2017 • EN 55014-2: 2015 EN 61000-3-2: 2014 • EN 61000-3-11: 2000 • EN ISO 12100:2010

Product Details

Description:	FURY3-S 210mm TCT Multipurpose Sliding Mitre Saw
Evolution Model No:	029-0001
Factory Model No:	J1XL-DU06-210
Brand Name:	EVOLUTION
Voltage:	230-240V~ 50Hz
Input:	1500W

The technical documentation required to demonstrate that the product meets the requirements of directive has been compiled and is available for inspection by the relevant enforcement authorities, and verifies that our technical file contains the documents listed above and that they are the correct standards for the product as detailed above.

Name and address of technical documentation holder.

Signed: Print: Matthew Gavins - Operations Director

Date: 01/03/16

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