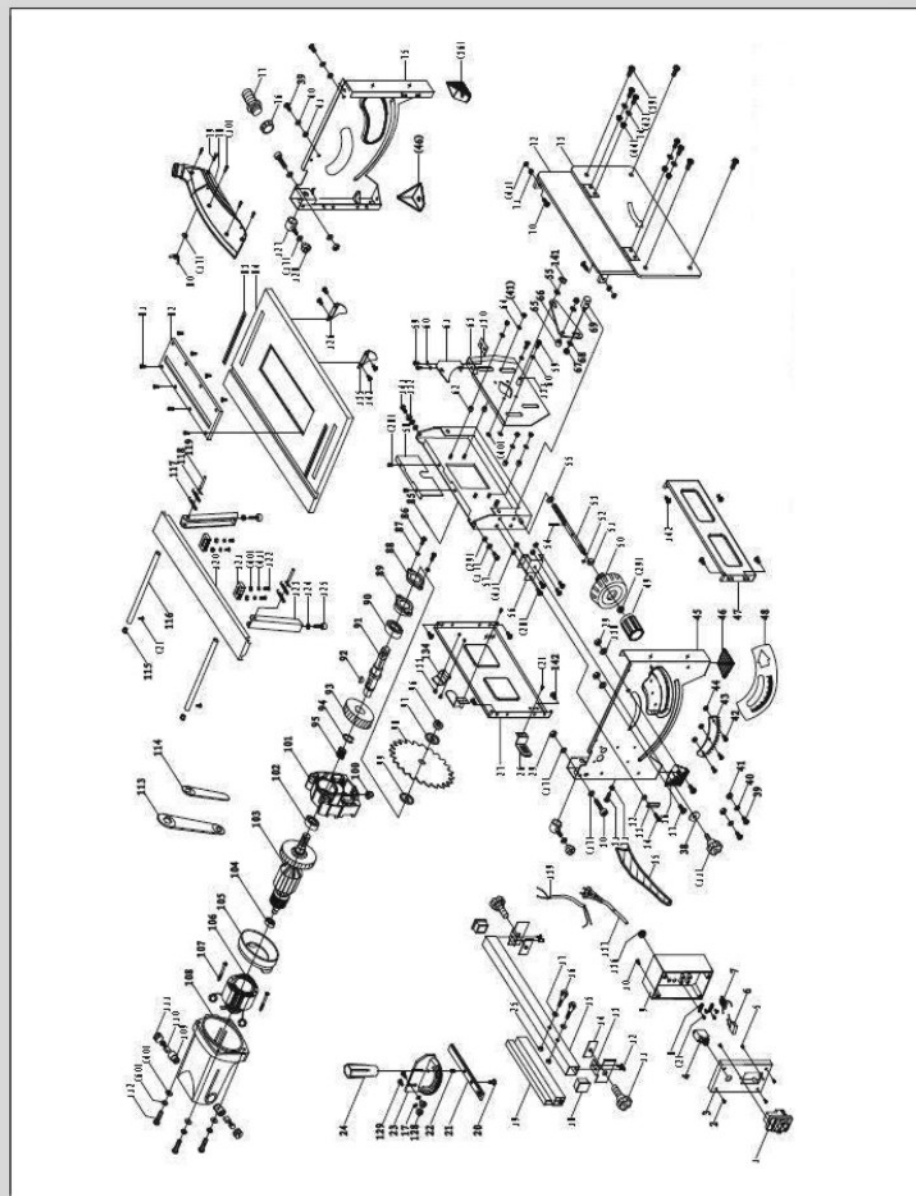


PARTS DIAGRAM



**LUMBER
JACK** 

SAFETY AND OPERATING MANUAL
8" Table Saw
BTS210



ORIGINAL INSTRUCTIONS

**LUMBER
JACK** 

BTS210

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**LUMBER
JACK** 

BTS210

TABLE OF CONTENTS

Welcome to Lumberjack!

Dear Customer, Congratulations on your purchase. Before using the

Product for the first time please be sure to read these instructions for use.

They provide you with all information necessary for using the product safely and to ensure its long service life.

Closely observe all safety information in these instructions!

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PARTS LIST

37	M6x12 cross pan head screw	2	108	motor housing	1
38	ø6 big flat washer	1	109	brush holder	2
39	M5x10 cross pan head screw	10	110	carbon brush	2
40	ø5 flat washer	20	111	brush holder cover	2
41	M5 anti-loosing nut	22	112	M5x20 cross pan head screw	4
42	M4x10 cross pan head screw	7	113	wrench (1)	1
43	plastic sheet	1	114	wrench (2)	1
44	M4 anti-loosing nut	7	115	cap for extension guide	2
45	support board	1	116	extension guide	2
46	rubber foot	2	117	spring	4
47	side board (2)	1	118	cotter pin	2
48	scale	1	119	ø6x40 cylindrical pin	2
49	up-down adjusting handle	1	120	extension board	2
50	up-down adjusting wheel handle	1	121	extension board holder	2
51	locating ring (1)	1	122	M5x30 cross pan head screw	4
52	M5x8 inner hex screw	1	123	support	2
53	rod	1	124	M8 hex nut	2
54	ø3.2x10 hollow pin	1	125	M8x40 screw	2
55	ø10 flat washer	1	126	locating ring	4
56	locating block	1	127	fastening sleeve	2
57	M5 screw with step	2	128	nut	2
58	dust blocking board	1	129	M6x12 hex. Bolt	2
59	M5x12 cross pan head screw	6	130	fasten plate for riving knife	1
60	ø5 spring washer	10	131	pin	1
61	sub-material knife	1	132	washer	1
62	locating ring (3)	1	133	M4x8 cross pan head self tapping screw	2
63	lifter plate (2)	1	134	push stick holder	1
64	ø5 big flat washer	4	135	dust board	1
65	locating ring (2)	1	136	cable sleeve	1
66	lifter plate (1)	1	137	plug	1
67	M8 anti-loosing nut	2	138	flat washer	2
68	ø8 big flat washer	2	139	connecting wire	1
69	nut	1	140	M6 screw with step	1
70	M5x16 cross pan head screw	2	141	ø10 cir clip	1
71	M5 hex nut	2	142	M5x8 cross pan head self tapping screw	12

PARTS LIST

No	Part	Qty	No	Part	Qty
1	switch	1	72	portable board	1
2	ST3.9x10cross pan head tapping screw	12	73	cover	1
3	covero for switch box	1	74	ø4 flat washer	4
4	over-load protection switch	1	75	support board	1
5	M3x10 cross counter sunk screw	2	76	nut	1
6	capacitor	1	77	dust outlet	1
7	inductor	1	78	transparent guard	1
8	wiring holding board	2	79	M6x35 square neck screw	1
9	switch box	1	80	M6 wing nut	1
10	St3.9x12cross pan head tapping screw	9	81	M4x6 cross pan head screw	8
11	angle adjusting lever	3	82	kerfboard	1
12	rivet	4	83	scale	2
13	fence locating piece (1)	2	84	table	1
14	fence locating piece (2)	2	85	frame	1
15	fence (1)	1	86	M5x14 cross pan head screw	2
16	M6x30 triangle head screw	2	87	ø5 spring washer	2
17	ø6 flat washer	11	88	bearing platen	1
18	cover for fence end	2	89	bearing housing	1
19	fence (2)	1	90	6002 bearing	1
20	M6x14 outer hex screw	1	91	output shaft	1
21	"—" type guide	1	92	ø4x13 semi-circle key	1
22	ø5x11 cylindrical pin	1	93	gear	1
23	angle block	1	94	ø12 circlip for shaft	1
24	angle block locking button	1	95	needle bearing	1
25	M6 nut	2	96	M12 hex nut	1
26	hook	2	97	outer flange	1
27	side board (1)	1	98	blade	1
28	M5x8 cross pan head screw	10	99	inner flange	1
29	M6 anti-loosing nut	5	100	cable sleeve	1
30	M6x55 inner hex screw	2	101	cover	1
31	M6x20 inner hex screw	1	102	6000 bearing	1
32	plastic cushion	1	103	rotor	1
33	pointer	1	104	608 bearing	1
34	M6x15 cross pan head screw	1	105	air seal ring	1
35	push stick	1	106	stator	1
36	rubber foot	2	107	M5x60 cross pan head self tapping screw	2

GENERAL POWER TOOL SAFETY WARNINGS

WARNING Read all safety warnings and all 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 electric (corded) power tool or battery-operated (cordless) power tool.

1. 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, gases or dust. Power tools create sparks which may ignite the dust or fumes.

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2. Electrical safety

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b) Avoid body contact with grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is 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.

3. 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. Protective equipment such as dust mask, 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 a key left attached to a rotating part of the power tool may result in personal injury.

GENERAL POWER TOOL SAFETY WARNINGS

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 these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4. 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 the rate for which it was designed.

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive 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 parts and any other condition that may affect the power tool's 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

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.

5. 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.

b) If the replacement of the supply cord is necessary, this has to be done by the manufacturer or its agent in order to avoid a safety hazard.

CE DECLARATION OF CONFORMITY

TOOLSAVE

Unit C, Manders Ind. Est.,
Old Heath Road, Wolverhampton,
WV1 2RP.

Tel: 01902 450 470

Declares that the Benchtop Table Saw (BTS210)

Is in compliance with the regulations included in the Directives:2006/42/EC

EC DECLARATION OF CONFORMITY

Certificate for EC-type examination delivered by I TÜV SÜD Product GmbH – Zertifizierstelle-
Ridlerstraße 65 – 80339 München-Germany (No.:M8A 16 06 44390 01032)

Person who declares: Bill Evans



24.09.2020

The Director

LUMBERJACK GUARANTEE

2. Claims Procedure

2.1 In the first instance please contact the Authorised Dealer who supplied the product to you. In our experience many initial problems with machines that are thought to be fault due to faulty parts are actually solved by correct setting up or adjustment of the machine. A good Authorised Dealer should be able to resolve the majority of these issues much more quickly than processing a claim under the guarantee. If a return is requested by the Authorised Dealer or Lumberjack, you will be provided with a Returns Material Authorisation Number which must be clearly stated on the returned package, and any accompanying correspondence. Failure to provide a Returns Material Authorisation Number may result in item being refused delivery.

2.2 Any issues with the product resulting in a potential claim under the guarantee must be reported to the Authorised Dealer from which it was purchased within 48 hours of receipt.

2.3 If the authorised Dealer who supplied the product to you has been unable to satisfy your query, any claims made under this guarantee should be made directly to Lumberjack. The claim itself should be made in a letter setting out the date and place of purchase, giving a brief explanation of the problem which has led to the claim.

2.4 Please note that it is essential that the letter of claim reaches Lumberjack on the last day of this guarantee at the latest. Late claims will not be considered.

3. Limitation of Liability.

3.1 We only supply products for domestic and private use. You agree not to use the product for any commercial, business or resale purposes and we have no liability to you for any loss of profit, loss of business, business interruption or loss of business opportunity.

3.2 This guarantee does not confer any rights other than these expressly set out above and does not cover any claims for consequential loss or damage. This guarantee is offered as an extra benefit and does not affect your statutory rights as a consumer.

4. Notice

This guarantee applies to all product purchased from an Authorised Dealer of Lumberjack within the United Kingdom. Terms of guarantee may vary in other countries.

GENERAL POWER TOOL SAFETY WARNINGS

6. Additional Safety and working Instructions

6.1. Dust from materials such as lead-containing coatings, some wood types, minerals and metals can be harmful to one's health and cause allergic reactions, leading to respiratory infections and/or cancer. Materials containing asbestos may only be worked by specialists. Observe the relevant regulations in your country for the materials to be worked.

6.2. Prevent dust accumulation at the workplace. Dust can easily ignite.

7. Additional Warnings for Table Saws.

7.1. Never stand on the power tool. Serious injuries can occur when the power tool tips over or when inadvertently coming into contact with the saw blade.

7.2. Take care that the blade guard operates properly and can move freely. Always adjust the blade guard in such a manner that the face is loosely against the work piece when sawing. Never clamp the blade guard when it is open.

7.3. Never reach behind the saw blade in order to hold the work piece, remove saw Dust/wood chips or for any other reason. Your hand may get caught in the rotating blade.

7.4. Guide the work piece against the saw Blade only when the machine is switched on. Otherwise there is a chance of kickback, when the saw blade becomes wedged in the work piece.

7.5. Keep handles dry, clean, and free from oil and grease. Greasy, oily handles are slippery causing loss of control.

7.6. Operate the power tool only when the work area to the work piece is clear of any adjusting tools, wood chips, etc. Small pieces of wood or other objects that come in contact with the rotating saw blade can strike the operator at high speed.

7.7. Only saw one work piece at a time. Work pieces placed on top or aside of each other can cause the saw blade to jam or the work pieces to move against each other while sawing.

7.8. Always use the parallel guide or the angle guide. This improves the cutting accuracy and reduces the possibility of saw blade binding.

7.9. Use the machine for grooving or rebating only with an appropriately suitable protective device (e. g. a tunnel blade guard).

7.10. Do not use the machine for cutting slots (Stopped grooves).

7.11 Use the machine only for cutting the materials listed under Intended Use. Otherwise, the machine can be subject to overload.

GENERAL POWER TOOL SAFETY WARNINGS

7.12 If the saw blade should become jammed, switch the machine off and hold the work piece until the saw blade comes to a complete stop. To prevent kick back, the work piece may not be moved until after the machine has come to a complete stop. Correct the cause for the jamming of the saw blade before restarting the machine.

7.13 Do not use dull, cracked, bent or damaged saw blades.

Unsharpened or improperly set saw blades produce narrow kerfs causing excessive friction, blade binding and kickback.

7.14 Always use saw blade with correct size and shape (diamond versus round) of arbour hole.

Saw blades that do not match the mounting hardware of the saw will run eccentrically, causing loss of control.

7.15 Do not use high speed steel (HSS) saw blade.

Such saw blades can easily break.

7.16 Do not touch the saw blade after working before it has cooled. The saw blade becomes very hot while working.

7.17 Never operate the machine without the insert plate. Replace a defective insert plate. Without flawless insert plates, injuries are possible from the saw blade.

7.18 Store the machine in a safe manner when not being used. The storage location must be dry and lockable.

This prevents the machine from storage damage, and from being operated by untrained persons.

7.19 Never leave the machine before it has come to a complete stop. Cutting tools that are still running can cause injuries.

7.20 Never use the machine with a damaged cable. Do not touch the damaged cable and pull the main plug when the cable is damaged while working.

Damaged cables increase the risk of an electric shock.

8. Safety Warnings for Lasers

The mitre saw has a built-in laser light. The laser is CLASS 2. These lasers do not normally present an optical hazard. However, DO NOT stare at the beam, as this can cause flash blindness.

8.1 Do not remove or deface any product labels. Removing product labels increases the risk of exposure to laser radiation.

8.2 The laser beam can be harmful to the eyes. Always avoid direct expose to eyes. Do not project the laser beam directly into the eyes or at any object other than the work piece.

8.3 Do not look directly into the laser-beam-output aperture during operation.

8.4 Turn the laser on only when making cuts. The laser on the mitre saw is not a toy. Always keep it out of the reach of children. The laser light emitted from this device should never be directed toward any person for any reason.

LUMBERJACK GUARANTEE

1. Guarantee

1.1 Lumberjack guarantees that for a period of 12 months from the date of purchase the components of qualifying products (see clauses 1.2.1 to 1.2.8) will be free from defects caused by faulty construction or manufacture

1.2 During this period, Lumberjack, will repair or replace free of charge any parts which are proved to be faulty in accordance with paragraph 1.1 providing that:

1.2.1 You follow the claims procedure set out in clause 2.

1.2.2 Lumberjack and its Authorised Dealers are given reasonable opportunity after receiving notice of the claim to examine the product.

1.2.3 If asked to do so by lumberjack or its Authorised Dealer, you return the product at your own cost to Lumberjack's or the supplying Authorised Dealer's Premises -

For the examination to take place clearly stating the Returns Material Authorisation Number given.

1.2.4 The fault in question is not caused by industrial use, accidental damage, fair wear and tear, wilful damage, neglect, incorrect electrical connection, misuse, alteration or repair of the product without approval.

1.2.5 The product has been used in a domestic environment only.

1.2.6 The fault does not relate to consumable items such as blades, bearings, drive belts or other wearing parts which can reasonably be expected to wear at different rates depending on usage.

1.2.7 The product has not been used for hire purposes.

1.2.8 The product has been purchased by you, as the guarantee is not transferable from a private sale.

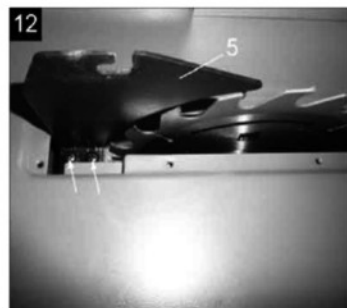
Maintenance and Service

Adjusting the Splitting Wedge

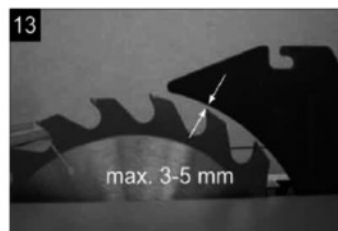
- Remove protective cover (2) by reversing the instructions mentioned earlier in this manual.
- Remove the eight screws that hold the stage centre (6) in place, and then remove the stage centre (6).



- Loosen the two screws that sit inside so that the splitting wedge (5) moves freely.



- adjust the splitting wedge (5) so that the gap between this and the blade is between 3 and 5mm as shown below.



- Tighten the screws holding the splitting wedge (5), then reassembly the machine.

Please note this should be done every time a blade is changed.

Cleaning

- For safe and proper working, always keep the power tool and its ventilation slots clean.
- Remove dust and chips after each working procedure by blowing out with compressed air or with a brush.

GENERAL POWER TOOL SAFETY WARNINGS

8.5 Be sure that the laser beam is aimed at a work piece (such as wood or a rough-coated surface) that does not have a reflective surface.

8.6 Do not use on materials that have shiny, reflective surfaces, such as sheet metal. The reflective surface could reflect the beam back at the operator. Be aware that laser light reflected off of a mirror or any other reflective surfaces can also be dangerous.

8.7 Always wear laser-protective eyewear when working on or near reflective surfaces.

8.8 Do not attempt to activate the laser when the tool housing is removed.

8.9 The laser is activated by means of a button switch that is independent of the main switch for the saw.

8.10 Do not replace the laser light assembly with a different one. Any repairs must be carried out by the laser manufacturer or an authorised service agent.

8.11 Do not attempt to repair the laser guide by yourself.

8.12 Do not attempt to change any parts of the laser guide.

SYMBOLS AND POWER RATING CHART



Wear a dust mask



Caution! Exposed saw blade. Risk of injury



Refer to instruction manual



Double insulated Class II product



Caution – sharp protective gloves when adjusting sharp blade



Use table saw adjustable guard



Wear ear protection



Do not dispose of in household waste

Maintenance and Service

Before any work on the machine itself, pull the mains plug.

If the machine should fail despite the care taken in manufacturing and testing procedures, the repair should be carried out by an approved service centre.

– Store the tool, instruction manual and accessories in a secure place. In this way you will always have all the information and parts on hand.

Calibrating the Angle Finder for the Saw Blade

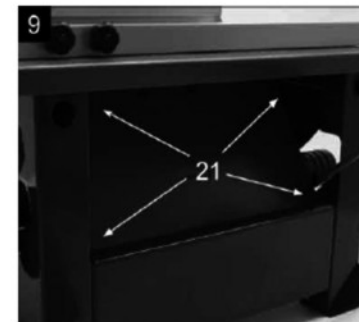
– Raise the blade to its highest setting.
– Using a set square (or similar device) set the angle of the saw blade to be at right angles to the saw table.



– Adjust Angle Pointer (21) to zero.

Changing the Blade

– Loosen the four screws (21) and flip the saw blade cover up.



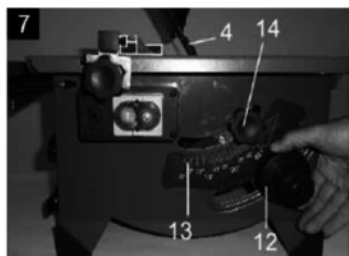
– Place the spanner (22) on the clamping nut whilst holding the sidewinder key (23) against it



– Loosen this nut and remove the flange to detach the saw blade. This needs to be pulled diagonally downwards to clear the access port.
– Clean both flanges before mounting a new blade.

– Repeat step above in reverse order to mount the new blade.

OPERATION & WORKING ADVICE



– Adjust the angle of the blade by turning adjusting handle (12), until you achieve the desired angle, displayed on scale (13), and then tighten the locking handle (14) to lock the blade into position.

Working Advice

General Sawing Instructions

– **For all cuts, it must first be ensured that the saw blade at no time can come in contact with the stops or other machine parts.**

– **Use the machine for grooving or rebating only with an appropriately suitable protective device (e. g. a tunnel blade guard).**

– **Do not use the machine for cutting slots (stopped grooves).**

Protect the saw blade against impact and shock.

Do not subject the saw blade to lateral pressure.

The riving knife must be in alignment with the saw blade to avoid jamming of the work piece.

Do not saw warped/bent work pieces. The work piece must always have a straight edge to face against the parallel guide. Always keep/store the push stick with the power tool.

Position of the Operator

– **Do not stand in a line with the saw blade in front of the machine. Always stand aside of the saw blade.**

This protects your body against possible kickback.

– Keep hands, fingers and arms away from the rotating saw blade. Observe the following instructions:

– Hold the work piece securely with both hands and press it firmly against the saw table.

– When sawing narrow work pieces and bevel angles, always use the supplied hold-down stick.

MACHINE DETAILS AND PRODUCT FEATURES

Machine Details

Specifications:

Mains Voltage - 230V / 50Hz

Power Consumption - 1200W

No Load Speed - 4800rpm

Blade Spec - 210x30x2.8mm/48T

Cutting Capacity:

At 90 degrees - 48mm

At 45 degrees - 45mm

Table Size- 485x440mm

Table Size with Extension - 510x485mm

Max Table Size with Extension- 630x485mm

Nett Weight - 16.0kg

A weighted sound pressure level LpA: 93.2 dB(A)

A weighted sound power level LwA: 106.2 dB(A)

Package Contents:

210mm Table Saw

Push Stick

Stop

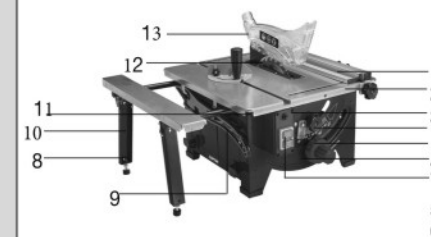
Stop Bar

Rip Fence

Blade Wrench

Product Features

- 1, Fence
- 2, Interlocking knob for fence
- 3, Reset button of overload protective
- 4, Locking wheel for bevel
- 5, Wheel for cutting depth
- 6, Wheel for bevel
- 7, On/Off switch
- 8, Folding leg
- 9, Push-stick
- 10, Locking knob for extension table
- 11, Extension table
- 12, Cross-cutting fence
- 13, Saw blade protector



Intended Use

The power tool is intended as a stationary machine for making straight lengthways and crossways cuts in wood. The capacity of the power tool is designed for sawing hardwood and softwood. The power tool is not suitable for cutting aluminium or other non-ferrous metals or alloys.

ASSEMBLY

Avoid unintentional starting of the machine. During assembly and for all work on the machine, the power plug must not be connected to the mains supply.

Carefully remove all parts included in the delivery from their packaging.

Remove all packaging material from the machine and the accessories provided.

Before starting the operation of the machine for the first time, check if all parts listed in the box content section have been supplied.

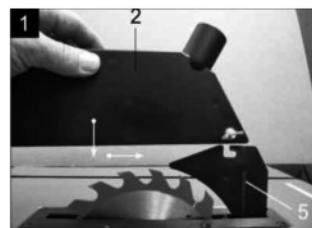
Note: Check the power tool for possible damage. Before fusing the machine, check that all protective devices are fully function. Any lightly damaged parts must be carefully checked to ensure flawless operation of the tool. All parts must be properly mounted and all conditions fulfilled that ensure faultless operation.

Damaged protective devices and parts must be immediately replaced by an authorised service centre.

Assembling the Protective Cover

– Place protective cover (2) above the splitting wedge (5), so that the screw fits into the slit of the splitting wedge.

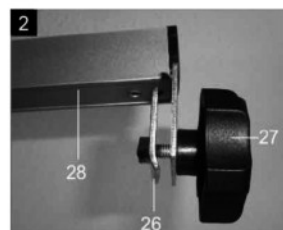
– Push the Protective cover (5) in to the bottom of the opening.



- Screw the wing nut on so that the cover sits on the table top (1).
- Make sure the cover moves up when work pieces are pushed through the saw.

Assembling the Longitudinal Stop

- Using the star grip screws (27), mount the clamping claws (26) to the stop tube (28) on both sides.



- Using these claws mount the longitudinal stop (7) laterally to the table top. Then tighten the star grip screws to secure.

Assembling the Rip Fence

- Insert the rip fence (16) in to the groove on the table top (1).
- Loosen adjustment knob (24) to adjust the angle of the rip fence then retighten once desired angle is set.

ASSEMBLY & OPERATION



- You can now use stop bar (20) to guide the work piece through an angled cut.

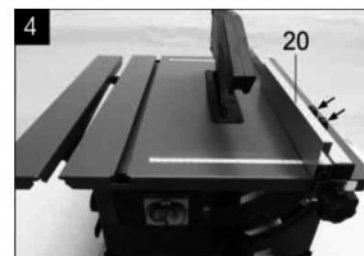
Setting the Table Extension

- For a wide work piece the table extension should be used
- Loosen the knurled screws underneath the extension.
- Pull out the table extension and unfold the support legs.
- Adjust the feet to set the extension table flat
- Retighten the knurled knobs to lock the extension in place

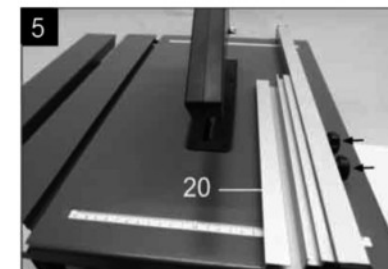
Setting the Longitudinal Stop (20)

The stop has two different guide surfaces which are set up like this:

- For thick materials



- For thin materials



Operation

Adjusting the Cutting Height

- The saw blade can be adjusted to the required height by turning the height adjustment handle (11)
- Rotate anti-clockwise to raise the blade, and clockwise to lower the blade.



Adjusting the Blade Angle

- Loosen locking handle (14).