

EXCEL

ROUTER TABLE



MODEL:11051

INSTRUCTION MANUAL

Exceltools.co.uk

1. Introduction

Dear Customer,

We hope your new tool brings you much enjoyment and success.

Note:

According to the applicable product liability laws, the manufacturer of the device does not assume liability for damages to the product or damages caused by the product that occurs due to:

- Improper handling,
- Non-compliance of the operating instructions,
- Repairs by third parties, not by authorized service technicians,
- Installation and replacement of non-original spare parts,
- Application other than specified,

A breakdown of the electrical system that occurs due to the non-compliance of the electric regulations and regulations.

We recommend:

Read through the complete text in the operating instructions before installing and commissioning the device. The operating instructions are intended to help the user to become familiar with the machine and take advantage of its application possibilities in accordance with the recommendations. The operating instructions contain important information on how to operate the machine safely, professionally and economically, how to avoid danger, costly repairs, reduce downtimes and how to increase reliability and service life of the machine.

In addition to the safety regulations in the operating instructions, you have to meet the applicable regulations that apply for the operation of the machine in your country. Keep the operating instructions package with the machine at all times and store it in a plastic cover to protect it from dirt and moisture. Read the instruction manual each time before operating the machine and

carefully follow its information. The machine can only be operated by persons who were instructed concerning

the operation of the machine and who are informed about the associated dangers. The minimum age requirement must be complied with.

2. Scope of delivery

- Open the packaging and remove the device carefully.
- Remove the packaging material as well as the packaging and transport bracing (if available).
- Check that the delivery is complete.
- Check the device and accessory parts for transport damage.
- If possible, store the packaging until the warranty period has expired.

Attention

The device and packaging materials are not toys!

Children must not be

allowed to play with plastic bags, film and small parts!

There is a risk of swallowing and suffocation!

3. Proper use

The router can be used for rabbeting, rounding off, chamfering, routing of edges, as well as pitting in wood and plastic.

The machine meets the currently valid EU machine directive.

- The manufacturer's safety, operation and maintenance instructions as well as the technical data given in the calibrations and dimensions must be adhered to.
- Relevant accident prevention regulations and other generally recognized safety and technical rules must also be adhered to.
- The machine may only be used, maintained or repaired by trained persons who are familiar with the machine and have been informed about the dangers. Unauthorized modifications of the machine exclude a liability of the manufacturer for damages resulting from the modifications.

- The machine is intended for use only with original spare parts and original tools from the producer.
- The equipment is allowed to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind resulting from such misuse.
- Please note that our equipment has not been designed.
- for use in commercial, trade or industrial applications. Our warranty will be voided if the equipment is used in commercial, trade or industrial businesses or for equivalent purposes.

Residual risks

The machine is allowed to be used only for its intended purpose! Even when the equipment is used as prescribed it is still impossible to eliminate certain residual risk factors. The following hazards may arise in connection with the machine's construction and layout:

- Contact with the grinding wheel where it is not covered.
- Catapulting of parts from out of damaged grinding wheels.
- Catapulting of workpieces and parts of workpieces.
- Damage to hearing if essential ear-muffs are not used.
- Lung damage if no suitable protective dust mask is used.
- Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.
- The use of incorrect or damaged mains cables can lead to electrical injuries.
- Although having regarded all considerable rules there may still remain not obvious remaining hazards.
- Minimize remaining hazards by following the instructions in "Safety Rules", "Use only as authorized" and in the entire operating manual.

4. Safety instructions

Caution! In order to protect yourself from the danger of electric shock, injury or fire when using electrical power tools, please observe the following basic safety precautions. Read all these requirements before you use the electrical power tool, and keep the safety advice in a safe place.

Working safely

1. Keep your working area clean and tidy.

- A disorderly working area can lead to accidents.

2. Be aware of the effects of the environment.

- Do not leave electrical power tools out in the rain.

- Do not use electrical power tools in moist or wet surroundings.

- Ensure that your working area is well lit.

- Do not use electrical power tools in areas where there is risk of fire or explosion.

3. Protect yourself from electric shock.

- Avoid touching earthed objects such as pipes, heating radiators, ovens or refrigerators with parts of your body.

4. Keep other people at a safe distance.

- Do not allow other people, in particular children, to touch the electrical power tool or the mains lead. Keep them away from your working area.

5. Store currently unused electrical power tools in a safe place.

- When not being used electrical power tools should be stored in dry conditions in a high or enclosed place, out of reach of children.

6. Do not overload your electrical power tool.

- By keeping within the specified working range of the tool you will work more safely and achieve a better result.

7. Use the right electrical power tool for the task.

- Do not use low-output devices for heavy tasks.

- Do not use an electrical power tool for purposes for which it was not intended. For example, do not use a hand operated circular saw for trimming tree branches or cutting logs.

8. Wear suitable clothing.

- Do not wear loose-fitting clothing or jewellery. They could become caught on moving parts.
- We recommend that you wear anti-slip footwear when working outdoors.
- If you have long hair, wear a hair net.

9. Use personal protective equipment.

- Wear protective glasses.
- Wear a dust mask if your work generates dust.

10. Attaching the vacuum dust extraction device.

- Where there are connection points provided for vacuum dust extraction please ensure that the connections are made and used properly.

11. Do not use the mains lead for purposes for which it was not intended.

- Do not use the mains lead to pull the plug out of the mains socket. Protect the mains lead from heat, oil and sharp edges.

12. Securely support the workpiece.

- Use clamps or a vice to grip the workpiece firmly. This is much safer than holding it with your hand.

13. Avoid placing your body in an unnatural position.

- Keep proper footing and balance at all times.

14. Look after your tools carefully.

- Keep cutting tools sharp and clean. This way you will work more safely and achieve better results.
- Follow the advice on tool lubrication and consumables replacement.
- Check the condition of the mains lead on your electrical power tool regularly and have any damage repaired by a competent specialist.
- Check the condition of extension leads regularly and replace them if they are damaged.
- Keep handles and hand grips clean, dry and free of oil and grease.

15. Pull the mains plug out of the mains socket.

- Do this if the electrical power tool is not being used, before carrying out maintenance tasks on the electrical power tool and whenever you are changing inserted tools, e.g. saw blades, drills or router bits.

16. Make sure that no spanners, keys etc. are left attached.

- Check before switching on that all spanners, keys and setting tools have been removed.

17. Avoid unintentionally starting up the device.

- Check that the switch is set to OFF on the device when the mains plug is inserted into the mains socket.

18. Using an extension lead for working outdoors.

- When working outside, always use an approved and appropriately labelled extension lead.

19. Remain alert.

- Watch what you are doing. Proceed with caution. Do not use electrical power tools if you cannot concentrate.

20. Check the electrical power tool for damage.

- Before the electrical power tool is used, carefully check the safety equipment and any slightly damaged parts to see that they are still working properly.
- Check that all moving parts on the tool are working properly, can move freely and are not damaged. All parts must be correctly attached and fulfil all the requirements necessary to allow the electrical power tool to operate properly.
- Damaged safety equipment and components must be properly repaired or replaced at a competent electrical equipment repair centre unless otherwise indicated in the operating instructions.
- Damaged switches must be replaced at a Customer Service Centre.
- Never use an electrical power tool that cannot be switched on and off properly.

21. Caution!

- The use of inserted tools and accessories other than those recommended by the manufacturer could lead to you being injured.

22. Have your electrical power tool repaired at an electrical equipment repair specialist.

- This electrical power tool complies with the relevant safety regulations. Repairs may only be carried out by a specialist electrical repair centre using original spare parts, otherwise injury could occur to the user.

Safety advice relating specifically to router tables

- a) Read and understand table and router manual and accessory warnings. Failure to follow all instructions and warnings may result in serious personal injury.
- b) Fully assemble and tighten all fasteners required for this table and for mounting the router to the plate. Do not use the router table until all assembly and installation steps have been completed. Check the table and the router to make sure fasteners are still tight before each use. A loose table is unstable and may shift in use.
- c) Make certain the router is not plugged into a power outlet when installing into the table, removing from table, making adjustments or changing accessories. Router could accidentally start.
- d) Do not plug router motor power cord into standard wall outlet. It must be plugged into the router table switch. Power tool switches and controls need to be within your reach in emergency situations.
- e) Before operating, make sure the entire unit (table with router installed) is placed on and secured to a solid, flat, level surface and will not tip. Use of auxiliary in-feed and out-feed supports is necessary for long or wide work pieces. Long work pieces without adequate support can flip off the table or cause the table to tip over.
- f) Be certain router motor is fully and securely clamped in the router base. Periodically check the base fastener clamping tightness. Router motor can vibrate loose from the base during use and fall from table.
- g) Do not use the router table without the overhead guard or auxiliary bit guard. Remove all dust, chips, and any other foreign particles that can affect its function. Adjust the guard height so that it clears the router bit and the work piece. The guard will aid in keeping hands from unintended contact with rotating bit.
- h) Never place your fingers near a spinning bit or under the guard when router is plugged in. Never hold the work piece on the out-feed side of bit. Pressing the work piece against the out-feed side of the fence may cause material binding and possible kickback pulling hand back into bit.

- i) Guide work piece by the fence to maintain control of work piece. Do not place material between router bit and fence while routing the edge. This placement will cause the material to become wedged, making kickback possible.
- j) Routers are intended for working with wood, wood-like products and plastic or laminates, not for cutting or shaping metals. Be sure work piece does not contain nails, etc. Cutting nails may cause loss of control.
- k) Do not use bits that have a cutting diameter that exceeds the clearance hole in the table top insert. Bit could contact insert ring, throwing fragments.
- l) Install bit in accordance with instructions in router manual and securely clamp the router bit in the collet chuck before making any cuts to avoid bit becoming loose during operation.
- m) Never use dull or damaged bits. Sharp bits must be handled with care. Damaged bits can snap during use. Dull bits require more force to push the work piece, possibly causing the bit to break or the material to kick back.
- n) The router table is designed to cut flat, straight and squared materials. Do not cut material that is warped, wobbly, or otherwise unstable. If the material is slightly curved but otherwise stable, cut the material with the concave side against the table or fence. Cutting the material with the concave side up or away from table may cause the warped or wobbly material to roll and kick back causing user to lose control.
- o) Never start the tool when the bit is engaged in the material. The bit cutting edge may grab the material, causing loss of control of the work piece.
- p) Feed the work piece against the rotation of the bit. The bit rotates anticlockwise as viewed from the top of table. Feeding the work in the wrong direction will cause the work piece to "climb" up on the bit, pulling the work piece and possibly your hands into the rotating bit.

q) Use push sticks, vertical and horizontally mounted feather-boards (spring sticks), and other jigs to hold down the work piece. Push sticks, feather-boards, and jigs eliminate the need to hold the work piece near the spinning bit.

r) Piloted bits along with the starter pin are used when routing internal and external contours on the work piece. Use the auxiliary bit guard when shaping material with the starter pin and piloted bits. The starter pin and bearing of the piloted bit assist in maintaining control of the work piece.

s) Do not use the table as a workbench or work surface. Using it for purposes other than routing may cause damage and make it unsafe to use in routing.

t) Never stand on the table or use as a ladder or scaffolding. Table could tip or the cutting tool could be accidentally contacted.

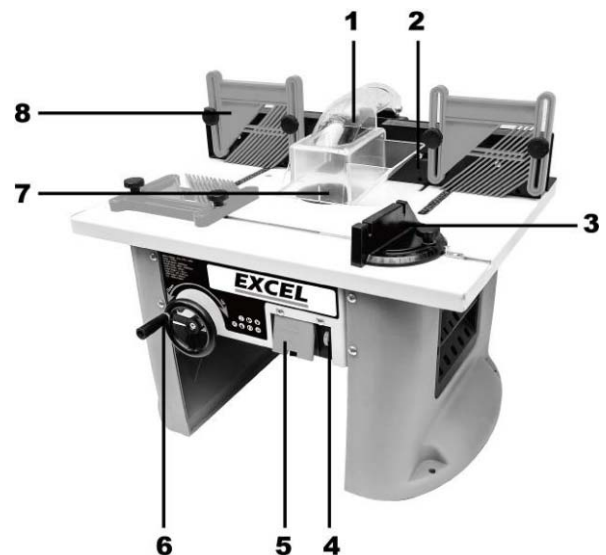
5. Technical Data

Specifications:

Mains Voltage:	230-240V / 50Hz
Power Consumption:	1500W
Min Speed:	8000rpm
Max Speed:	28000rpm
Max Cutting Depth:	38mm
Max Cutter Raise:	40mm
Table Size:	597x457mm
Table Height:	355mm

6. Product Features

- 1.Extractor Hood
- 2.Back Guide Fence
- 3.Mitre Gauge
- 4.Variable Speed Control
- 5.On/Off Switch
- 6.Height Adjustment Handle
- 7.Collet
- 8.Feather-board
- 9.Fence Base
- 10.Hood Screw
- 11.Hood nut
- 12.Support Blocks
- 13.Block Screw
- 14.Knob Nut
- 15.Feather-board Screw
- 16.Large Washer
- 17.Small Washer
- 18.Square Washer
- 19.Back Guide Fence Screw
- 20.Flat Feather-board Screw
- 21.Spindle Lock
- 22.Tool Wrench



7. 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.

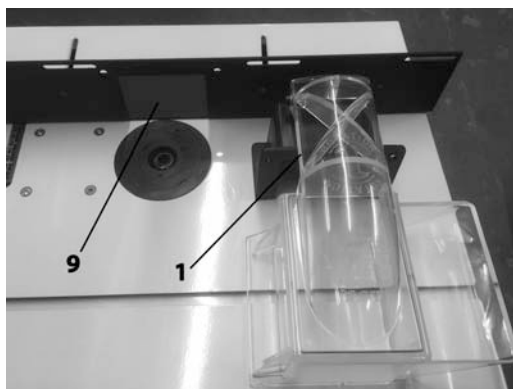
Before starting the operation of the machine for the first time, check if all parts listed in the box content section have been supplied

Note: Check the power tool for possible damage. Before further use of the machine, check that all protective devices are fully functional. 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.

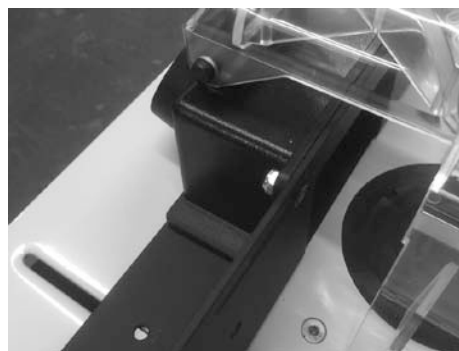
Damaged protective devices and parts must be immediately replaced by an authorised service centre.

Back Guide Fence (2) Assembly.

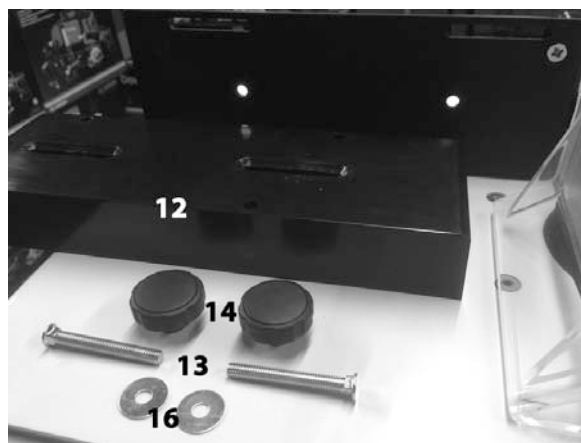
– Take Fence Base (9) and extractor hood (1). Align the hood with the centre square hole of the Fence base



– Secure the hood to the Fence base using 2 x hood screws(10), 2 x small washers(17) and 2 x hood nuts(11).



– Take support block (12), and using 2 x block screws(13), 2 x large washers(16) and 2 x knob nuts(14) attach the support block to each side of the hood. **Make sure** that the bevelled edge of each block is next to the hood on either side.

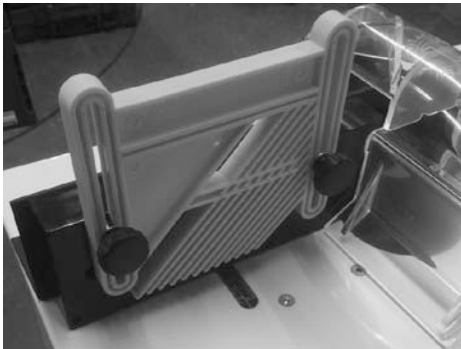
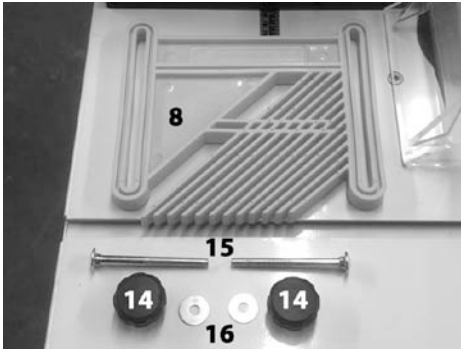


Be aware that the block screws fit the support block (12) to the fence base(9) through the slotted holes in the support block(12) and the circular holes in the fence base (9). Also the knob nuts (14) are used at the back of the fence base (9).



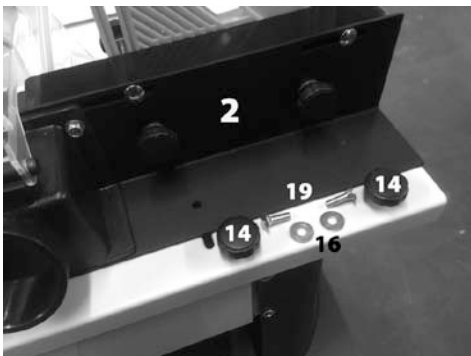
– Attach the feather-boards to each side using 2 x feather-board screws (15), 2 x knob nuts (14) and 2 x large washers (16).

Be aware that the feather-boards (8) attach to the back guide fence (2) through the slotted holes in the fence base (9) and the circular holes in the back support (12). Also the knob nuts (14) are used at the front of the feather-boards (8).



– The above is needed on both sides of the back support

– Attach the built back fence guide (2) to the table top using 2 x back guide fence screws (19), 2 x large washers (16) and 2 x knob nuts (14).

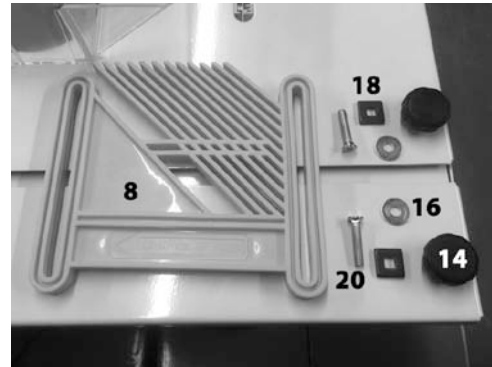


Be aware that the screws must be inserted through the slotted hole on the table from underneath so that the knob nuts (14) can be used from the top.

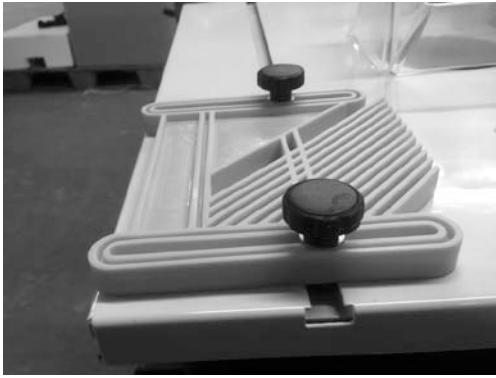


Front Feather-board (8) Assembly

– Attach the front feather-board (8) using 2 x square washers (18), 2 x Flat feather-board screws (20), 2 x large washers (16) and 2 x knob nuts (14). To do this thread the flat feather-board screw (20) with a square washer (18), then thread this through the feather-board (8). Next thread on a large washer (16), and finally loosely thread on knob nut (14).



– Complete this for both sides of the feather-board (8). This will then thread neatly through the trench in the table top giving the following result, and a free flowing feather-board (8).



Router Rise and Fall Handle (6) Assembly

- Unscrew the screw for the handle aperture
- Align the Handle (6) with the aperture

Be aware this has a semi-circular design and will only fit on in one way. As such please do not try to force on the handle 6 as it may damage the tool.



- Once pushed on using screwdriver to tighten the screw back up.



Stationary or Flexible Mounting

To ensure safe handling, the machine must be mounted on a level and stable surface (e. g., workbench) prior to using.

Mounting to a Working Surface

– Fasten the power tool with suitable screw fasteners to the working surface. The mounting holes serve for this purpose.

or

– Clamp the power tool with commercially available screw clamps by the feet to the working surface

Dust/Chip Extraction

Dusts from materials such as lead-containing coatings, some wood types, minerals and metal can be harmful to one's health. Touching or breathing-in the dusts can cause allergic reactions and/or lead to respiratory infections of the user or bystanders.

Certain dusts, such as oak or beech dust, are considered as carcinogenic, especially in connection with wood-treatment additives (chromate, wood preservative). Materials containing asbestos may only be worked by specialists.

– Always use dust extraction

– Provide for good ventilation of the working place.

– It is recommended to wear a P2 filter-class respirator. Observe the relevant regulations in your country for the materials to be worked.

The dust/chip extraction can be blocked by dust, chips or workpiece fragments.

– Switch the machine off and pull the mains plug from the socket outlet.

– Wait until the router bit has come to a complete stop.

– Determine the cause of the blockage and correct it.

External Dust Extraction

Connect a suitable extractor to extractor hood 1. Internal diameter 70mm

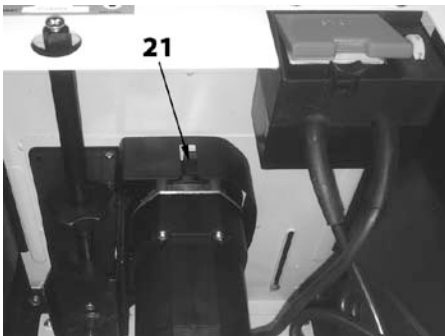
The dust extractor must be suitable for the material being worked. When vacuuming dry dust that is especially detrimental to health or carcinogenic, use a special dust extractor.

8.Operation

Be aware you should always make sure that on/off switch (5) is set to the off position and that the tool is not plugged in to any outlet before making any adjustments to the router table.

Installing and Removing Collet(7).

- Turn the router rise and fall handle (6) so that the collet is set to its maximum height.
- Pull spindle lock (21) to engage the mechanism, and using tool wrench (22) untighten the collet (7) in an anti-clockwise direction.

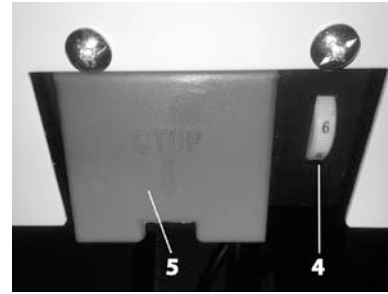


Be aware you will need both hands to achieve this, one hand engaging the spindle lock (21), and one to untighten the collet (7).



- Place new collet (7) on to spindle and finger tighten, with router bit inserted.
- Engage the spindle lock (21), and tighten the collet (7) with the tool wrench (22) in a clockwise direction.

Adjusting the Router Speed



- Simply adjust the variable speed control dial (4), with 1 being the slowest at approx. 8000rpm (no load speed) and 6 being the highest speed at 26000rpm (no load speed).

Be aware using the correct speed for each individual job increases the life of the router bit and can also affect the surface finish on the end piece. We recommend that you make a trial cut with a scrap piece to determine the correct speed.

Do not adjust the speed of the router whilst in use or turned on. Turn off the machine and allow it to come to a complete stop before you adjust the speed.

Operating the Router Table

- To turn on the machine, lift the safety cover and press the green on button.
- To turn off the machine, lift the safety cover and press the red off button.

Using the Table

- Insert and secure the desired collet (7) and router bit.
- Make all necessary adjustments to the router table, feather-boards (8), and back guide fence (2).
- Make sure the on/off switch (5) is set to the off position, and then plug the machine in an outlet.
- Push the on switch.
- Feed the work piece gradually from right to left against the rotation of the cutter. Be sure to keep the feed rate constant for best results.

Be aware feeding the work piece too slowly will cause burn to appear on the piece, and feeding it too quickly will slow the motor and cause an uneven cut. On very hard wood more than one pass may be required at progressively depth cuts until the depth wanted is achieved.

– When you have finished, push the off switch, allow the machine to come to a full stop, and then unplug the machine from the outlet.

9. Maintenance and Service

Be aware that the machine should always have the on/off switch **5** set to the off position and be unplugged from any outlet before any inspection, adjustments, maintenance or cleaning is performed.

–**Before each use** inspect the general condition of the machine. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, damaged electrical wiring, loose router bit, and any other condition that may affect its safe operation. If abnormal noise or vibration occurs, have the problem corrected before further use.

–**Each day** remove all sawdust and debris from the router table with a soft brush, cloth or vacuum, making sure that you pay particular attention to the extraction hood (1) and the main table. Also lubricate all moving parts with a premium lightweight machine oil. **Do not use solvents or caustic agents to clean the router table.**

10. Electrical connection

The installed electric motor is factory connected ready for operation. The connection meets the applicable VDE and DIN regulations.

The connection made by the customer as well as any extension cables used must comply with all relevant regulations.

Connection and repair work on the electric equipment must be carried out by a qualified technician only.

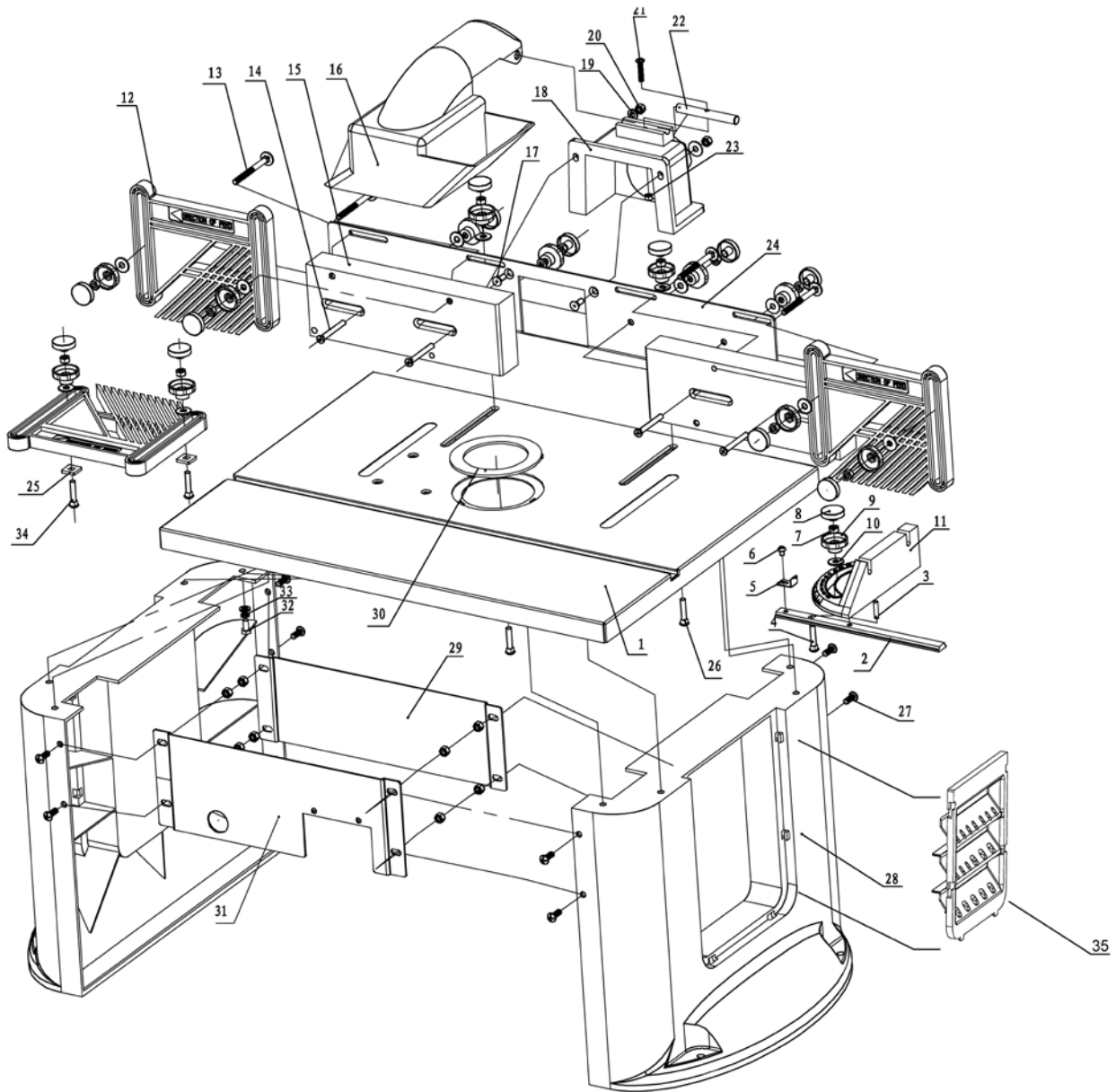
11. Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask in your local council offices.

12. Storage

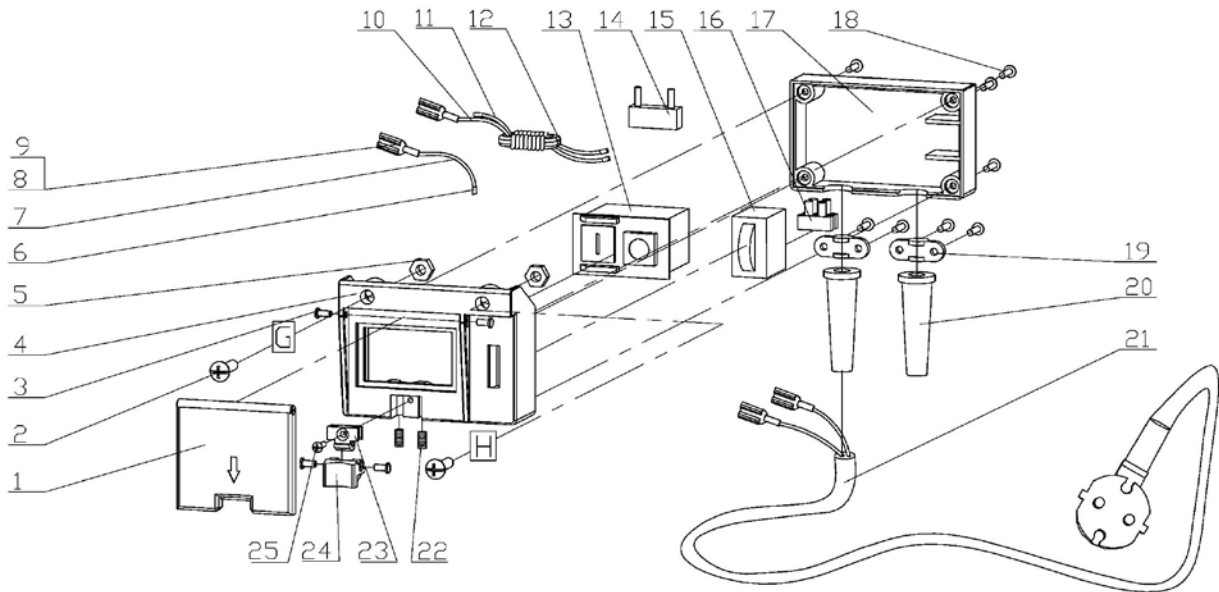
Store the equipment and accessories out of children's reach in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.

Parts Diagram and Parts List



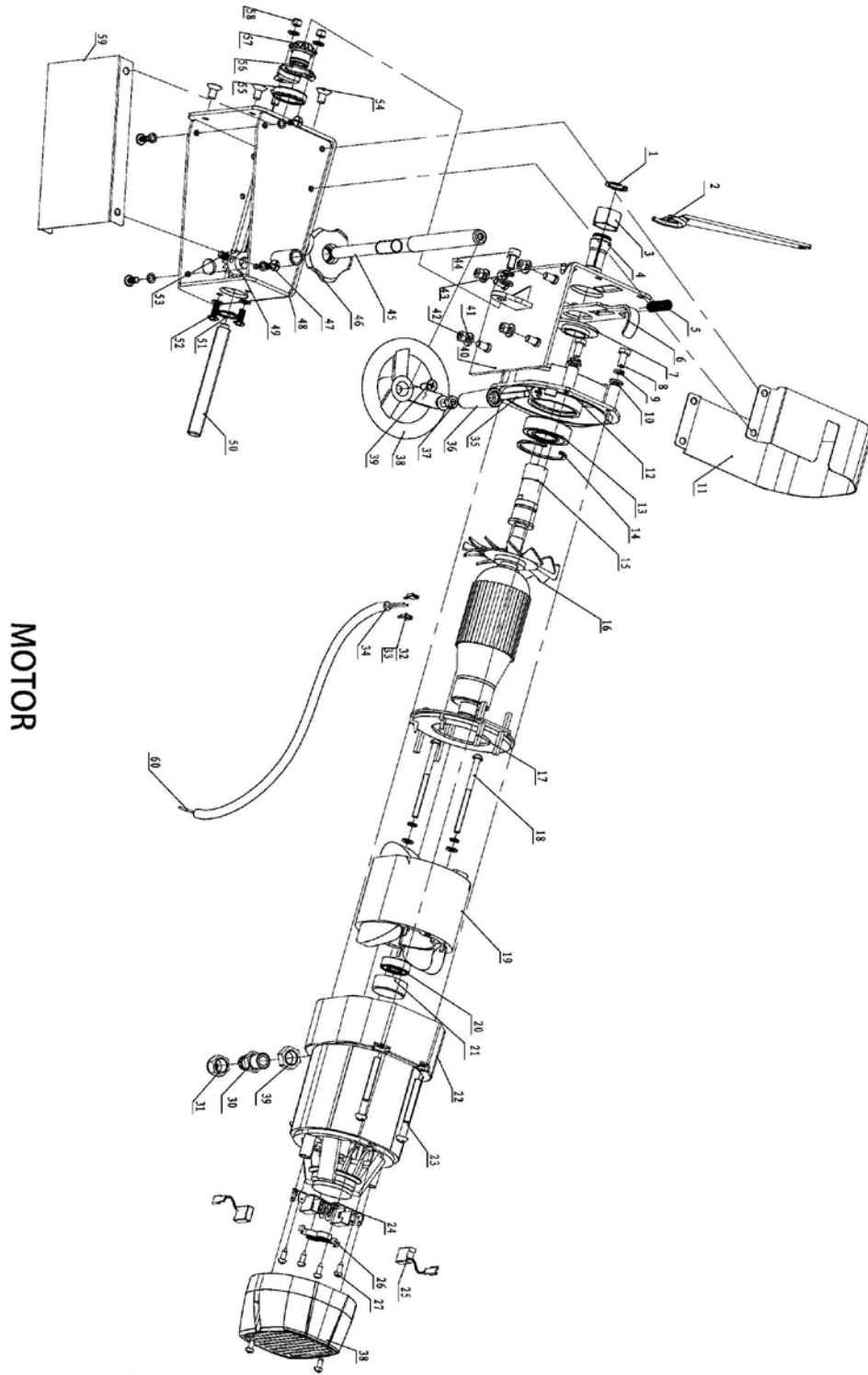
TABLE

Parts Diagram and Parts List



SWITCH BOX

Parts Diagram and Parts List



Parts Diagram and Parts List

TABLE PARTS

No.	Art. number	Description	QTY
A1	10250027	TABLE COMPONENTS	1
A2	20250002	SLIDING GUIDE	1
A3	50010030	COLUMNED PIN	1
A4	50020019	M6X30 SCREWS	3
A5	10060021	POINTER	1
A6	50040070	M5X6 SCREWS	1
A7	50060015	M6 NUTS	13
A8	30080037	COVER OF SMALL KNOB	13
A9	30080035	BODY OF SMALL KNOB	13
A10	50010084	BIG WASHERS	13
A11	30200016	ANGLE BOARD	1
A12	30200027	FEATHER	3
A13	50020034	M6X70 SCREWS	4
A14	50020033	M6X50 SCRES	4
A15	30140001	BLOCK BOARDS	2
A16	30200005	PROTECTOR	1
A17	50050047	SCREWS	2
A18	30200006	BASE OF PROTECTOR	1
A19	50010035	M6 WASHERS	10
A20	50060023	M6 NYLON NUTS	10
A21	50040068	M5X25 SCREWS	1
A22	10230031	TURNING SHAFT	1
A23	50060022	M5 NYLON NUTS	1
A24	10130041	FENCE FRAME	1
A25	10250026	LEADING PIECES	2
A26	50020023	M6X20 SCREWS	2
A27	50040067	M6X16 SCREWS	8
A28	30200003	STANDERS	2
A29	10130003	BACK PANEL	1
A30	30200064	TABLE INSERT	1
A31	10250030	FRONT PANEL	1
A32	50070048	M6X12 SCREWS	8
A33	50010081	M6 SPRING WASHERS	8
A34	50020019	M6X30 SCREWS	2
A35	30200080	Cutter Board	2

Parts Diagram and Parts List

SWITCH BOX PARTS

No.	Art. number	Description	QTY
C1	30130009	EMREGENCY STOP	1
C2	50040067	M6X16 SCREWS	2
C3	30130006	PLASTIC NAIL	4
C4	30130013	SWITCH BASER	1
C5	50060033	M6 NUTS	2
C6	50230016	ENDDING	6
C7	70120007	WIRE (WITH)	1
C8	50230008	PLUG&CONNECTING	4
C9	50230018	BLUE SETS	4
C10	70120009	WIRE (BLUE)	1
C11	70120008	WIRE (BLACK)	1
C12	10380069	INDUCTANCE	1
C13	10380069	SIWTCH	1
C14	50220055	CAPACITOR	1
C15	50160007	SPEED CONTROLLER	1
C16	50230028	TERMINAL BLOCK	1
C17	30130005	COVERS	1
C18	50080068	2.9X13 PLASTIC NAIL	8
C19	30070021	PRESSING BOARD	2
C20	30190038	WIRE PROTECTOR	2
C21	50190040	POWER PLUG & CORD	2
C22	10130035	SMALL SPRING	1
C23	30130008	LOCK BASER	2
C24	30130007	LOCK	1
C25	50080104	2.9X13 SCREWS	1

Parts Diagram and Parts List

MOTOR PARTS

No.	Art. number	Description	QTY
B1	50010100	M16 RING	2
B2	10130044	WRECH	1
B3	10130033	FIXING CAP	2
B4	10130032	COLLECTOR 1/2 & 1/4	2
B5	10250004	PRESS SPRING	1
B6	10250005	LOCKING PIECES	1
B7	10250006	DUST BLOCKER	1
B8	50070010	M5X12 SCREWS	4
B9	50010022	SPRING WASHER	12
B10	50010034	M5 WASHERS	8
B11	20250001	FORNT COVER	1
B12	10250007	PROTECTORS	1
B13	50240075	6004 BEARING	1
B14	50010103	M42 RING	1
B15	10250008	CONNTECTING SETS	1
B16	10250009	RATOR	1
B17	30240025	PRESSING RING	1
B18	50040037	M5X70 SCRES	2
B19	10250010	SPINDLE	1
B20	50240016	6000 2Z BEARING	1
B21	30240031	BEARING FIXING	1
B22	30590003	MOTOR SHELL	1
B23	50040089	M5X55 SCREWS	4
B24	10240051	BURSH BOX	2
B25	10240043	CARBON BURSH	2
B26	10240042	SPRINGS	2
B27	50080046	ST 4X12 SCREWS	6
B28	30240024	BACK COVERS	1
B29	30590004	INNER NUT	1
B30	30590001	CONNTECTORS	1
B31	30590002	OUTER NUT	1
B32	50230008	PLUG&CONNECTING	2
B33	50230018	BLUE SERS	2
B34	70122257	CONNECTING WIRE	1
B35	50040046	M6X55 SCREWS	1

Parts Diagram and Parts List

MOTOR PARTS

No.	Art. number	Description	QTY
B36	30060019	HANDLES	1
B37	50060033	M6 NUTS	1
B38	30070015	HAND WHEELS	1
B39	50050019	M6X12 SCREW	1
B40	10250024	ADJUSTING PARTS	1
B41	50010035	WASHER M6	12
B42	50060023	M6 NYLON NUTS	4
B43	50010023	M6 SPRING WASHERS	1
B44	50030019	M6X12 SCREWS	1
B45	10250031	SHAFT	1
B46	30250001	LOCKING HANDLE	1
B47	50040020	M5X6 SCREWS	8
B48	10250025	FIXER PARTS	1
B49	10060108	GEAR A	1
B50	10250017	LONG POLE	1
B51	50010050	M17 RING	1
B52	50040023	M5X12 SCREWS	2
B53	50030060	M6X8 SCREWS	1
B54	50030095	M6X10 SCREWS	4
B55	50240048	61093 BEARING	1
B56	10250020	BEARING COVERS	1
B57	10250019	GEAR B	1
B58	50060022	M5 NYLON NUTS	2
B59	10250021	GEAR COVER	1
B60	50230016	ENDDING	2

