

ENGLISH
ESPAÑOL

TRUPER PRO

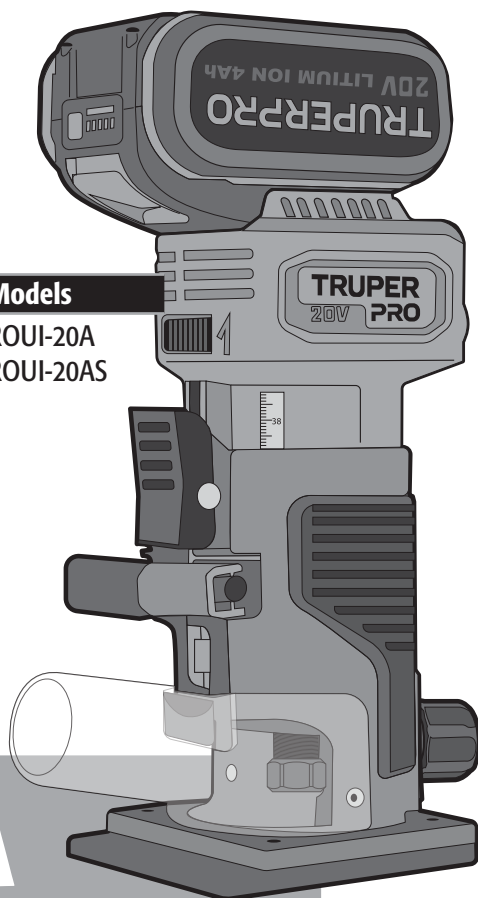
Manual

Compact router

6.5 mm
1/4"
Collet

Applies for:

Codes	Models
102865	ROUI-20A
103262	ROUI-20AS







ROUI-20A

CAUTION



Read this manual thoroughly
before using the tool.



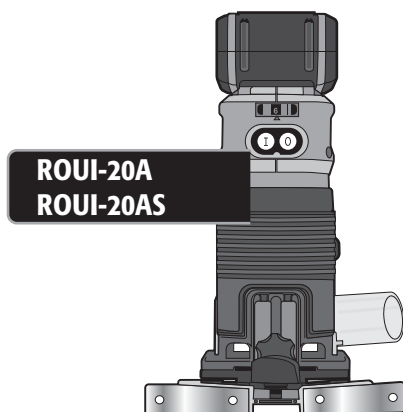
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CAUTION

To gain the best performance of the tool, prolong the duty life, make the Warranty valid if necessary, and to avoid hazards of fatal injuries please read and understand this Manual before using the tool.

Keep this manual for future references.

The illustrations in this manual are for reference only. They might be different from the real tool.



	ROUI-20A	ROUI-20AS
Code	102865	103262
Description	Compact router	
Voltage	20 V $\overline{\text{---}}$	
Speed	10 000 RPM- 30 000 RPM	
Collet	1/4"	
Maximum cutting depth	1-1/8"	
Battery	20 V $\overline{\text{---}}$ 4Ah Li-ion battery Charging time: around 180 min	NOT INCLUDED
Charger	Input: Voltage: 127 V $\overline{\text{~}}$ Frequency: 60 Hz Power: 55 W Output: 11 V $\overline{\text{---}}$ - 21 V $\overline{\text{---}}$ Current: 2 A	NOT INCLUDED
Insulation	Class II	IP grade IP 20

The charger's power cable has cable ties type: Y
The construction class of the tool is: Class III.
The construction class of the charger is: Reinforced insulation.

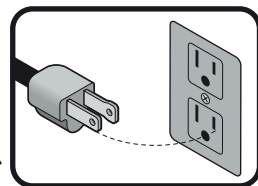
⚠ WARNING Avoid the risk of electric shock or severe injury. When the power cable gets damaged it should only be replaced by the manufacturer or at a TRUPER Authorized Service Center.
The build quality of the electric insulation is altered if spills or liquid gets into the tool while in use. Do not expose to rain, liquids and/or dampness.

⚠ WARNING Before gaining access to the terminals all power sources should be disconnected.



Power requirements

⚠ WARNING Tools with double insulation and reinforced insulation are equipped with a polarized plug (one prong is wider than the other) This plug will only fit in the right way into a polarized outlet. If the plug cannot be introduced into the outlet, reverse the plug. If it still doesn't fit, call a qualified electrician to install for you a polarized outlet. Do not alter the plug in any way. Both insulation types eliminate the need of both a grounded third power cord with three prongs or a grounded power connection.



⚠ WARNING When using an extension cable, verify the gauge is enough for the power that your product needs. A lower gauge cable will cause voltage drop in the line, resulting in power loss and overheating. The following table shows the right size to use depending on cable's length and the ampere capability shown in the tool's nameplate. When in doubt use the next higher gauge.

Ampere Capacity	Number of Conductors	Extension Gauge	
		From 1.8 m to 15 m	Greater than 15 m
From 0 A and up to 10 A	3 (one grounded)	18 AWG(*)	16 AWG
From 10 A and up to 13 A		16 AWG	14 AWG
From 13 A and up to 15 A		14 AWG	12 AWG
From 15 A and up to 20 A		8 AWG	6 AWG

* It is safe to use only if the extensions have a built-in artifact for over current protection.

AWG = American Wire Gauge. Reference: NMX-J-195-ANCE

⚠ WARNING When operating power tools outdoors use **6 volTECK** grounded extension cable labeled "For Outdoors Use". These extensions are specially designed for operating outdoors and reduce the risk of electric shock.





! WARNING! Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow any of them may result in electric shock, fire, and/or serious injury. **Keep the warnings and instructions for future reference.**

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

Work area

Keep your work area clean, organized, and well-lit.

Cluttered and dim areas can lead to accidents.



Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gas, or dust.

The electric tools produce sparks that can ignite flammable material.



Keep children and other individuals at a safe distance while using the equipment.

Distractions can cause loss of control and lead to accidents.



Electrical safety

Electrical tool plugs must match the outlet. Never modify the plug in any way. Do not use adapters with grounded electrical tools.

Unmodified electrical tools and matching plugs will reduce the risk of electric shock.



Avoid bodily contact with grounded surfaces, such as pipes, radiators, stoves, and refrigerators.

There is an increased risk of electric shock if your body is grounded.

Do not expose the tool to rain or humid conditions.

Water entering the tool increases the risk of electric shock.

Do not force the cable. Never use the cable for carrying, lifting, or disconnecting the tool. Keep the cable away from heat, oil, sharp edges, or moving parts.

Damaged or tangled cables increase the risk of electric shock.

When operating an electrical tool outdoors, use an extension cord suitable for outdoor use.

The use of a suitable outdoor-rated cable reduces the risk of electric shock.

If it is unavoidable to operate an electrical tool in a damp location, use a power source protected by a Residual Current Device (RCD).

The use of a Residual Current Device (RCD) reduces the risk of electric shock.

Personal safety

Be alert, watch what you are doing, and use common sense when handling a tool. Do not use it if you are tired or under the influence of drugs, alcohol, or medication.

A moment of distraction while using the tool can cause personal injury.

Use safety equipment. Always wear eye protection.

The use of safety equipment such as safety glasses, dust mask, slip-resistant shoes, helmet, and ear protection in appropriate conditions significantly reduces the risk of personal injury.



Avoid accidental starts. Ensure the switch is in the "off" position before connecting to the power source and/or the battery or transporting the tool.

Carrying power tools with your finger on the switch or connecting power tools with the switch in the "on" position can cause accidents.

Remove any wrenches or adjusting tools before starting the power tool.

Wrenches or tools left on the rotating parts of the tool can cause personal injury.



Do not exceed your range of motion. Always keep good balance and support.

This allows better control of the tool in unexpected situations.

Dress appropriately. Do not wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts.

Loose clothes, jewelry, or long hair can get caught in moving parts.



If dust extraction and collection devices are available for the tool, check their connections and use them correctly.

The use of these devices reduces risks associated with dust.

Do not let familiarity gained from frequent use of tools lead to complacency and disregard tool safety principles.

Careless action can cause serious injuries in a matter of seconds.

Tool use and care

Do not force the tool. Use the appropriate tool for the task at hand.

The right tool performs better and is safer when used at the intended pace.

Do not use the tool if the switch is not functioning.

Any power tool that cannot be controlled is dangerous and must be repaired.

Disconnect the tool from the power source and/or battery before making any adjustments, changing accessories, or storing it.

These measures reduce the risk of accidentally starting the tool.

Store the tools out of the reach of children and do not allow them to be handled by individuals unfamiliar with the tools or their instructions.

Power tools are dangerous in untrained hands.



Maintain the tool. Ensure that the moving parts are not misaligned or jammed, and that there are no broken parts or other conditions that may affect its operation. Repair any damage before using the tool.

Many accidents are caused by inadequate tool maintenance.

Keep cutting accessories sharp and clean.

Well-maintained cutting accessories are less likely to jam and easier to control.

Use the tool, its components, and accessories in accordance with these instructions and consider working conditions and the task at hand.

Using the tool for applications other than those for which it is designed could cause a hazardous situation.

Keep handles and gripping surfaces dry, clean, and free from oil and grease.

Slippery handles and gripping surfaces do not allow for safe and controlled handling of the tool in unexpected situations.

Use and care of the battery-powered tool

Only recharge with the charger specified by the manufacturer.

A charger that is suitable for one type of battery can pose a fire risk when used with a different one.

Use power tools only with designated batteries.

The use of any other battery may create a risk of injury and fire.

When batteries are not in use, keep them away from other metallic objects such as paper clips, coins, keys, nails, screws, or other small metallic objects that may create a connection from one terminal to another.

Short-circuiting between battery terminals can cause burns or fires.

In abusive conditions, battery liquid may be expelled; avoid contact. If accidental contact occurs, rinse with water. If the liquid meets the eyes, seek medical assistance.

The liquid expelled by the battery can cause irritation or burns.

Do not use a battery or tool that is damaged or modified.

Damaged or modified batteries can exhibit unpredictable behavior, resulting in fires, explosions, or injury risks.

Do not expose a battery or tool to fire or excessive temperatures.

Exposure to fire or temperatures exceeding 265 °F can cause an explosion.

Follow all charging instructions, and do not charge the battery or tool outside the temperature range specified in the instructions.

Incorrectly charging or charging at temperatures outside the specified range can damage the battery and increase the risk of fire.

Service

Have your power tool repaired by a qualified person using only identical replacement parts.

This will ensure the safety of the power tool.

Never repair damaged batteries.

Battery service should only be performed by the manufacturer or authorized service providers.



This tool is in compliance with the Official Mexican Standard (NOM - Norma Oficial Mexicana).

⚠ WARNING! Read all safety warnings and instructions. Failure to follow warnings and instructions can result in electric shock, fire, and/or serious injury.

Keep all warnings and instructions for future reference.

- This appliance 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 use of the appliance by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.

If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid hazards.

Additional safety instructions for the battery charger

- Before charging, read the instructions.
- Do not charge a leaking battery.
- Do not use chargers for tasks other than those they are designed for.
- Before charging, ensure that your charger matches the local AC power source.
- For indoor use only, or do not expose it to rain.
- The charging device must be protected from moisture.
- Do not use the charging device outdoors.

- Do not short-circuit the battery or charger contacts.
- Respect the "+/-" polarity when charging.
- Do not open the unit and keep it out of reach of children.
- Do not charge batteries from other manufacturers or unsuitable models.
- Ensure that the connection between the battery charger and the battery is correctly positioned and not obstructed by foreign objects.
- Keep the battery charger spaces free from foreign objects and protect them against dirt and moisture. Store in a dry place free from cold.
- When charging batteries, ensure that the battery charger is in a well-ventilated area and away from flammable materials. Batteries can heat up during charging. Do not overcharge any battery. Ensure that batteries and chargers are not left unattended during charging.
- Do not recharge non-rechargeable batteries, as they can overheat and break down.
- To increase battery lifespan and performance, charge the battery when the air temperature is between 64 °F and 75 °F. Do not charge batteries at air temperatures below 32 °F or above 104 °F. This is important to prevent serious damage to the batteries.

Battery safety warnings

- Do not dismantle, open, or disassemble cells or the battery.
- Do not short-circuit the battery. Do not store batteries carelessly in a box or drawer where they can short-circuit with each other or be short-circuited by conductive materials. When not in use, keep batteries away from any metallic objects such as clips, coins, keys, nails, screws, or any other object that could cause the terminals to make contact; this could lead to a short circuit that may cause burns or fires.
- Do not expose the battery to heat or fire. Avoid storing it under the sunlight.
- Do not subject the battery to mechanical shocks.
- In case of battery leakage, do not allow the liquid to meet the skin or eyes. If contact occurs, thoroughly wash the area with water and seek medical help.
- Keep the battery clean and dry.
- If the battery gets dirty, clean the battery terminals with a clean, dry cloth.
- The battery must be charged before use. Always refer to these instructions and use the correct charging procedure.

- Do not leave the battery charging when not in use.
- After long periods of storage, it may be necessary to charge and discharge the battery several times to achieve maximum performance.
- Only recharge the battery with the charger specified by TRUPER. Do not use any charger not specifically provided for the equipment.
- Do not use any battery that is not designed for this equipment.
- Keep the battery out of the reach of children.
- Keep the original product manual for future reference.
- Remove the battery from the equipment when not in use.
- Dispose of properly.
- Do not mix cells from different manufacturers, capacities, sizes, or types within a device.
- Keep the battery away from microwaves and high pressures.

⚠ WARNING • Do not use non-rechargeable batteries.

Safety warnings

for the use of routers

TRUPER PRO

⚠ WARNING **KICKBACK RISK.** Kickback refers to the sudden and forceful movement that the tool experiences outward from the workpiece and can cause the operator to lose control or even result in an injury. This usually happens when the cutting bit gets stuck in the workpiece or due to improper operation. To avoid this, the following precautions must be taken:

⚠ CAUTION • Use sharp cutting bits and ensure they are properly installed. Dull, damaged, or improperly installed bits tend to get stuck in the material, leading to kickback.

⚠ CAUTION • When operating the router, firmly grasp it by the anti-slip handle. Keep your body well-balanced and in a stable position with both feet on the ground to withstand the force of potential kickback.

⚠ CAUTION • Wait for the cutting bit to reach its maximum speed before starting to cut. Do not turn on the tool with the bit resting on the workpiece, as it could cause a kickback.

• To restart cutting, center the bit in the cut.

⚠ CAUTION • If the cut is interrupted during router operation, turn off the switch and hold the tool within the workpiece until the motor stops completely. Do not attempt to remove the bit while the motor is still running, as it could cause kickback.

⚠ CAUTION • To minimize the risk of the bit getting stuck and causing kickback, remove all nails from the wood before cutting. Wet, warped, or pressure-treated wood requires special attention during cutting. Hardened wood gum and resin on the cutting bits slow down the router. Use gum and resin remover, hot water, or kerosene to remove these buildups. DO NOT use gasoline.

⚠ CAUTION • Before starting any cut, ensure that the cutting depth adjustment knobs are tightened and secured. If they move during cutting, they can cause kickback.

⚠ CAUTION • Excessive depth cuts and/or using large diameter bits increase the load on the unit and the possibility of kickback. Make multiple passes with the router at progressive depths when the job requires removing a lot of material or when using large diameter bits.

⚠ DANGER • Keep your hands away from the cutting area and the cutting bit. When operating the tool, hold it firmly with the anti-slip handle to avoid accidental injuries and prevent loss of control.

⚠ WARNING • Accidental contact with a rotating cutting bit can cause serious personal injuries.

⚠ DANGER • NEVER hold the workpiece with your hands or against your leg. Hold the workpiece properly to avoid body contact with the cutting bit, prevent the bit from getting stuck, or losing control of the tool or workpiece.

⚠ DANGER • Do not attempt to remove waste material while the cutting bit is spinning.

⚠ WARNING • Never put your hand under the workpiece with the tool running.

⚠ CAUTION • Before each use, check that all parts are properly functioning; if something is not working, service it before operating the tool.

⚠ WARNING • Remove the cutting bit before transporting the tool.

⚠ CAUTION • Operating the tool by holding its insulated parts prevents the operator from getting shocked in case the blade contacts hidden electrical wiring.

• Always wear safety goggles with side protection. If dust is produced, also use a dust mask.



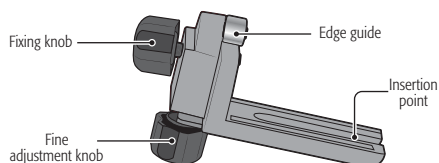
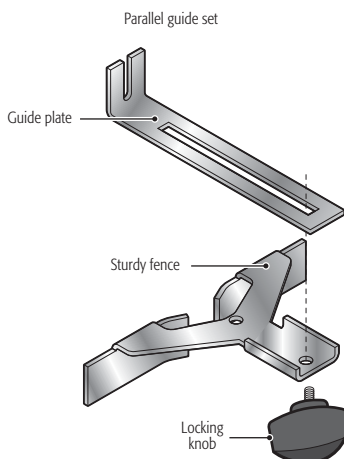
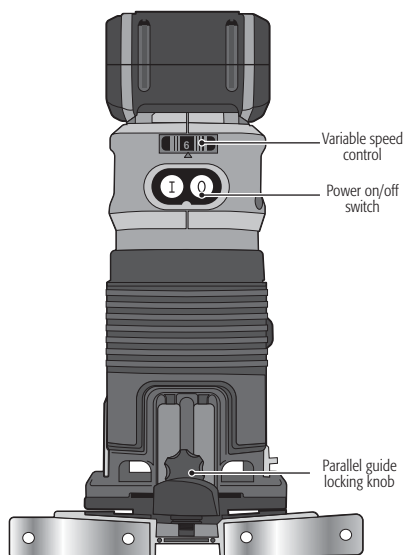
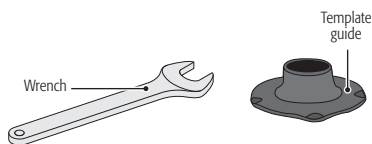
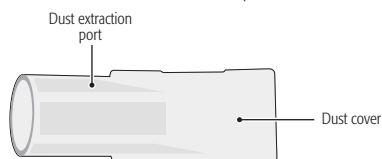
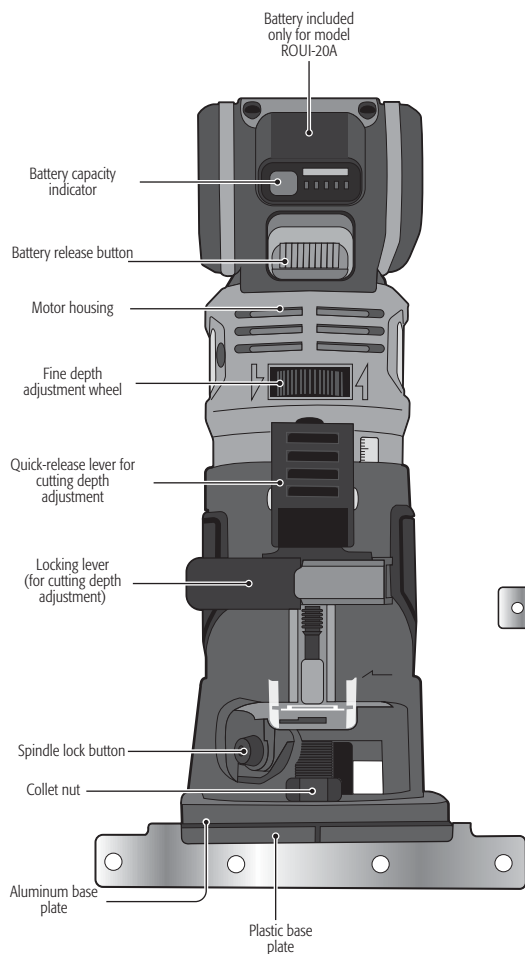
Toxic materials

The generated dust, when cutting certain materials, contains chemicals known to cause health damage. To reduce chemicals exposure, work in well-ventilated areas and use appropriate safety equipment, such as dust masks specifically designed to filter microscopic particles.



Safety warnings for router

Use clamps or another practical method to secure and support the workpiece on a stable platform. Holding the workpiece by hand or against the body makes it unstable and can lead to loss of control.



NOTE: Before using the tool, carefully read the instruction manual.

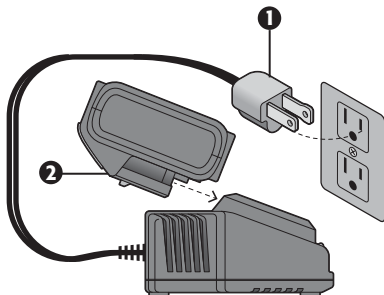
Intended use

This product is intended for making slots, edges, profiles, and elongated holes in wood, plastic, and lightweight construction materials. The product should be used in a vertical position. Never use it for overhead work or on vertical surfaces.

Charging procedure

- Connect the charger to a suitable socket. The green light will illuminate.
- Slide the battery into the charger, ensure the battery is firmly placed in the correct charging position. The green light will turn off, and the red light will illuminate to indicate that the charging process has started.
- When charging is complete, the red light will turn off, and the green light will illuminate.
- After fully charging, unplug the charger and remove the battery pack.

⚠ WARNING When the battery is depleted after continuous use or direct exposure to sunlight or heat, allow the tool to cool before recharging for a full charge.



Battery status check

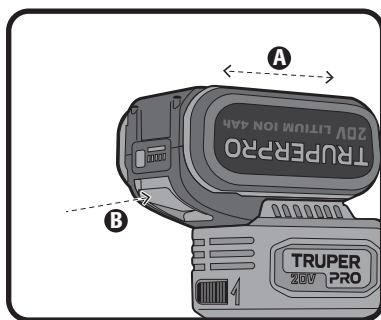
Before starting or after use, press the button next to the lights to check the battery status.

Battery installation

Slide the fully charged battery into the tool with enough force until it clicks into place (A).

Battery removal

Press the Battery Pack Release Button firmly first, and then slide the battery out of the tool (B).



Assembly and adjustment

⚠ WARNING The router must be fully assembled before operation. Do not install the battery until the router is fully assembled!

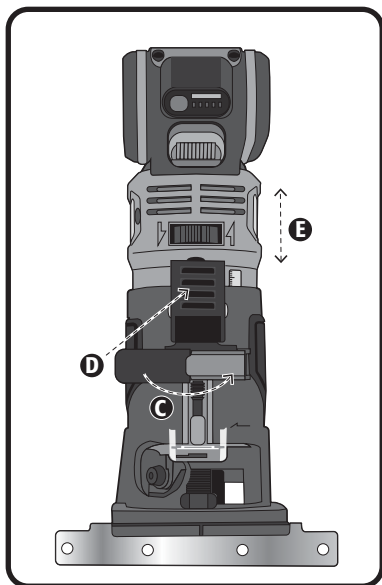
1. To insert or remove a router bit (not supplied)

Router bits with a 1/4-inch or 6 mm shank can be used for this router. Below are the most common shapes for your reference.

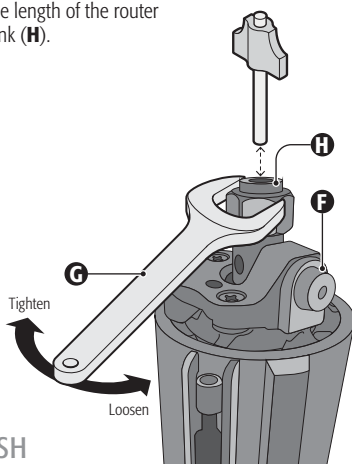
⚠ WARNING Always ensure that the router bit's shank diameter fits the chuck installed in the router. Never use a router bit with a shank diameter that does not fit the chuck.

Insertion

1. First, open the cutting depth locking lever (C).
2. Press the quick-release lever and hold it in position (D).
3. Carefully grip the router body, slowly move it upward, and remove it from the base (E).



4. Slightly rotate the spindle and press the spindle lock button until the spindle lock button is precisely engaged in the spindle hole (F).
5. Continue pressing and holding the spindle lock button in place to lock the spindle. Loosen the clamping nut counterclockwise using the supplied wrench (G).
6. Insert a suitable router bit into the clamping nut at least 3/4 of the length of the router bit's shank (H).



7. Tighten the clamping nut clockwise using the supplied wrench.
8. Release the spindle lock button and ensure that the spindle can rotate freely.

Removal

1. First, open the cutting depth locking lever. Press the quick-release lever and hold it in position. Carefully grip the body of the router, slowly move it upward, and remove it from the base.
2. Slightly rotate the spindle and press the spindle lock button until the spindle lock button is precisely engaged in the spindle hole.
3. Continue pressing and holding the spindle lock button in place to lock the spindle. Loosen the clamping nut counterclockwise using the supplied wrench.
4. Remove the router bit and tighten the clamping nut clockwise using the supplied wrench.
5. Release the spindle lock button and ensure that the spindle can rotate freely.

⚠ WARNING Do not tighten the collet without a router bit installed.

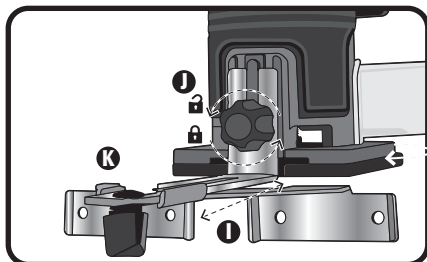
Always use router bits with shanks that match the collet diameter.

2. Parallel guide

Insert the parallel guide to make parallel cuts to the edges of the workpiece.

To install the parallel guide

- Assemble the parallel guide using the locking screw and wing nut with its washer as indicated in the parts diagram.
- Loosen the parallel guide fixing knob counterclockwise (I).
- Align the parallel guide with the mounting position on the base plate.
- Secure the parallel guide in place by tightening the parallel guide fixing knob clockwise.



Adjustment of the parallel guide

- Loosen the parallel guide locking nut counterclockwise (**K**).
- Slide the parallel guide to the desired working position (**I**).
- Secure the parallel guide in the working position by tightening the locking knob (**K**) clockwise.

When cutting, always ensure that the parallel guide is flush with the side of the workpiece.

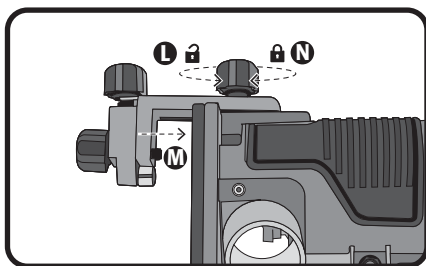
If the distance between the side of the workpiece and the cutting position is too wide for the parallel guide, or if the side of the workpiece is not straight, firmly clamp a straight guide to the workpiece and use it as a guide against the base plate.

3. Roller guide

The roller guide mount is used for edge routing with router bits for the router without a pilot guide or ball bearing. The roller will be placed along the edge of the workpiece to guide the machine with uniform feed.

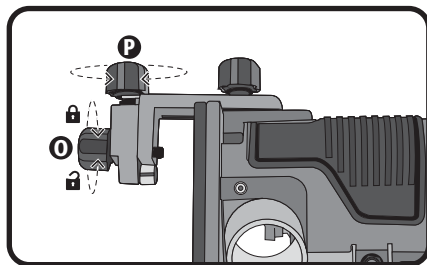
To install the roller guide

- Loosen the parallel guide fixing knob counterclockwise (**L**).
- Align the roller guide mount with the mounting position on the base plate and insert it into the desired working position (**M**).
- Secure the roller guide mount in position by tightening the parallel guide fixing knob clockwise. To adjust the roller guide (**N**).



Adjust the roller guide

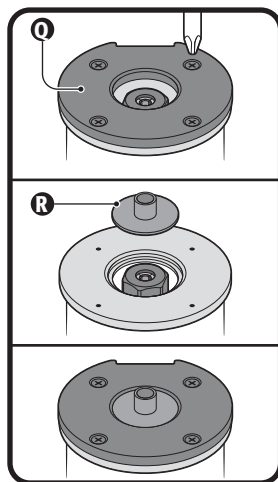
- Loosen the roller guide mount fixing knob (**O**) counterclockwise.
- Turn the fine adjustment knob (**P**) to position the roller at the desired working position.
- Secure the roller in the working position by tightening the fixing knob clockwise.



4. Copy guide

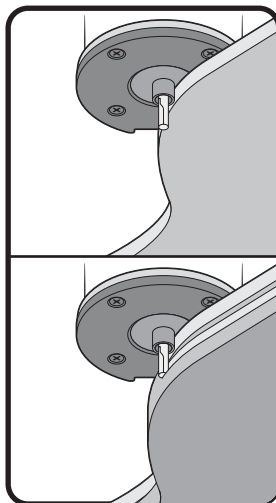
⚠ WARNING Use the template guide only for template applications! Always remove the template guide when using the product for other applications!

- Use a screwdriver to remove the 4 screws and washers from the bottom side of the base plate (**Q**).
- Remove the plastic part from the base plate.
- Place the copy guide inside the base plate with the neck facing down (**R**).
- Reassemble the plastic part of the base plate and secure it with 4 screws with washers.
- Follow the steps in reverse order to remove the template guide.



Template cuts

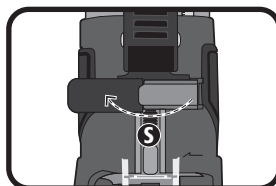
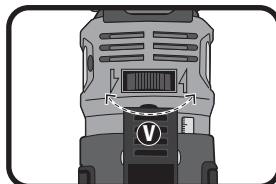
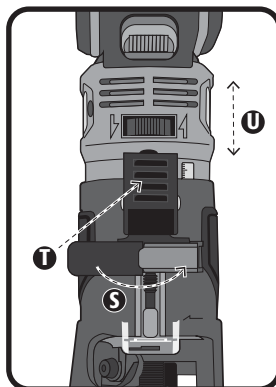
- Place the appropriate template guide on the product.
- Place the template over the workpiece and secure it with suitable clamps. Ensure that the clamps do not obstruct the movement of the product.
- Place the product on the workpiece with the neck of the template guide against the edge of the template.
- Apply light pressure against the template during operation to ensure that the template guide is flat against the edge of the template.



5. Cutting depth adjustment

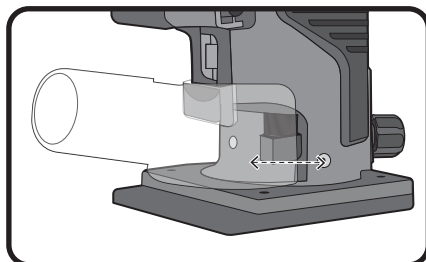
⚠ WARNING Do not insert the battery before making any adjustments to the router.

- First, open the cutting depth locking lever (**S**).
- Press the quick-release lever (**T**) and hold it in position. Carefully grip the body of the router and move it slowly up or down to the required position so that the installed router bit is close to the surface of the workpiece. Release the quick-release lever to lock the position of the router body (**U**).
- Move the fine adjustment wheel (**V**) left or right as needed for micro-adjustment of the router body (up or down slightly) so that the router bit touches the surface of the workpiece.
- Return the locking lever (**S**) to its initial position to lock the height adjustment.



6. Dust cover installation

The router comes with a dust cover for dust collection. To install it, simply place the two small, raised cylinders into the corresponding holes located on both sides of the outer aluminum casing.

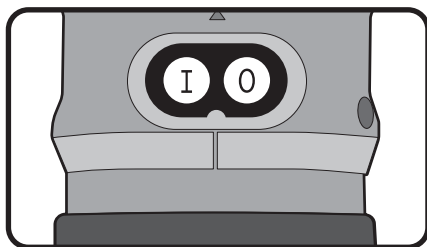


Operation

Power on and off

⚠ WARNING Before installing the battery, ensure that the tool is turned off.

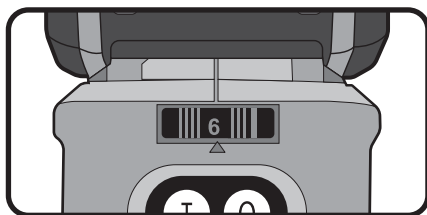
- Press the power on/off switch to "I" for a few seconds to turn on the router.
- Press the power on/off switch to "O" to turn off the router. The router will turn off immediately.



Variable speed control

Adjust the speed to the required level by turning the variable speed control.

- Turn the variable speed control to a higher number to increase the speed. A higher setting is suitable when using large diameter router bits or working on hard materials like wood.
- Turn the variable speed control to a lower number to decrease the speed. A lower setting is suitable when using small diameter router bits or working on soft materials like plastic.



Recommended rotation speed

Generally, use lower settings for large diameter router bits and higher settings for small diameter router bits. The correct setting will also depend on the material density, cutting depth, and feed rate of the router.

Materials	Speed stages
Hardwoods (example: beech)	4-6
Softwoods (example: pine)	5-6
Particleboard	3-5
Plastic	2-3
Aluminum	1-4

NOTE: The above values are for guidance only and may vary depending on the actual workpiece.

General routing

⚠ WARNING During operation, fine dust will be generated! Use a dust mask.

- Ensure that the workpiece is free from obstacles such as nails or screws before operation. Remove them if necessary.
- Always install the desired router bit.
- Firmly grip the router with one hand on its body before turning it on.
- Always wait until the router bit has reached its full speed before cutting.
- Move the router forward/backward at a slow and steady speed. Pay attention to the feed direction.
- Stop the router at the end of the cut, release the power on/off switch, and wait until the router bit has completely stopped before removing the router from the workpiece.

⚠ WARNING Always ensure that the base is flat on the workpiece during operation! Do not attempt to make cuts with the router held with only one hand!

NOTE: Keep the router always moving, do not stop in one position to avoid high temperatures.

Place the base on the workpiece to be cut without making any contact with the router bit. Turn on the tool and wait until it reaches full speed. Move the tool forward over the workpiece surface. Ensure the base is flush and advance smoothly until the cut is complete.

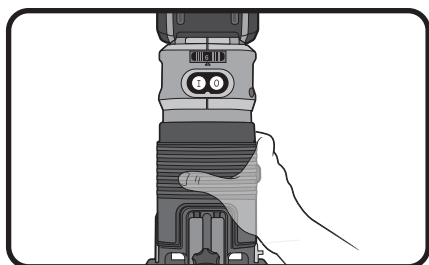
For edge cutting, keep the workpiece to the left of the router bit in the feed direction.

Feed direction

⚠ WARNING The router direction should always be opposite to the rotation direction of the router bit; otherwise, there is a risk of kickback.

Always route against the rotation direction of the router bit.

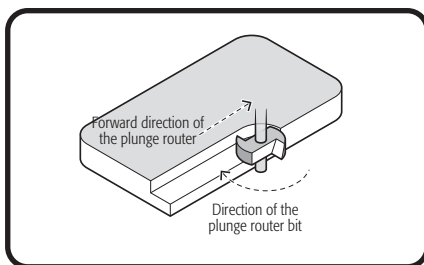
Move the router counterclockwise when trimming the edges of the workpiece; move the router clockwise when trimming the inside of the workpiece.



NOTE: Moving the tool forward too quickly can result in poor cutting quality, damage to the router bit, or motor damage. Moving the tool forward too slowly can result in router bit damage due to heat. Before starting the cut on the actual workpiece, it is recommended to perform a test cut on a piece of scrap wood. This will show exactly how the cut will look and what the dimensions will be.

When using the parallel guide or roller guide, ensure to keep it on the right side of the router bit. This helps to keep it flush with the workpiece surface.

Since excessive cutting can overload the motor, the depth of cut should not be more than 3 mm. If you require a depth greater than 3 mm, make multiple passes with progressively deeper router bit settings.



Parallel cuts and edging

Parallel cuts and edging must be done with the supplied parallel guide.

- Place the parallel guide on the router. See the assembly section.
- Position the router on the workpiece with the parallel guide against the edge of the workpiece and adjust it to the desired width.
- Carefully adjust the cutting depth and start working.

Cleaning and care

- Keep the vents clean and free from obstructions to ensure proper motor cooling.
- Regularly inspect all mounting screws and ensure they are tightened correctly. If any of the screws are loose, tighten them immediately.
- Use a clean and soft cloth to clean the tool. Never use alcohol or detergent. Disconnect the tool and remove the battery before cleaning it.


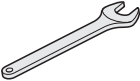
Service

Tool servicing should only be performed at a TRUPER Authorized Service Center. Service and maintenance performed by unqualified persons can be dangerous and may result in personal injury as well as voiding the product warranty.

For battery-powered tools

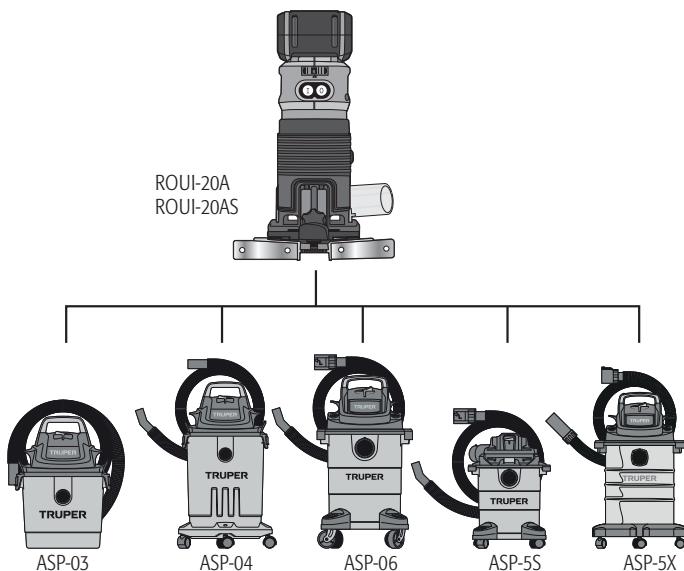
The ambient temperature range for the use and storage of the tool and battery is from 32 °F to 113 °F.
The recommended ambient temperature range for the charging system during charging is from 32 °F to 104 °F.

Accessories

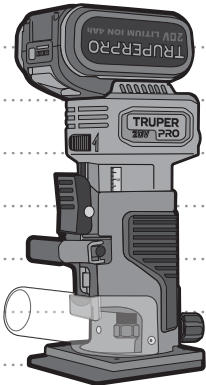
Replacement	Code	Item
	103633	COL 14-ROUI-20A
	103634	LL-ROUI-20A

Electrical appliances and batteries should not be disposed of with household waste. Please deliver this device, as well as its batteries with isolated contacts covered with adhesive tape, to a recycling center. Check the location of the nearest center in your community.

Compatibility with vacuums



Problem	Cause	Solution
<ul style="list-style-type: none"> • The router loses efficiency. 	<ul style="list-style-type: none"> • Low battery. 	<ul style="list-style-type: none"> • Charge the battery.
<ul style="list-style-type: none"> • The workpiece surface is not smooth after cutting. 	<ul style="list-style-type: none"> • Dull cutting bit. • The cutting bit speed reduces to an inappropriate level. • The pushing speed of the cutting bit is inadequate. 	<ul style="list-style-type: none"> • Use a sharp cutting bit. • Select an appropriate speed for the cutting bit. • Perform test cuts on scrap material to determine the proper feed rate (refer to page 14).
<ul style="list-style-type: none"> • The cutting bit cannot be installed. The torque regulator prevents operation. 	<ul style="list-style-type: none"> • Incorrect cutting bit size for the collet. 	<ul style="list-style-type: none"> • Use 1/4" shank bits with the 1/4" collet.
<ul style="list-style-type: none"> • The battery leaks. 	<ul style="list-style-type: none"> • Normal minor dripping may occur at extreme temperatures or after heavy use. • Intense or very evident dripping is due to a damaged battery. 	<ul style="list-style-type: none"> • Immediately clean any liquid from skin or clothing with water and soap. • Replace the battery immediately.
<ul style="list-style-type: none"> • The battery does not charge, and the charger light does not turn on. 	<ul style="list-style-type: none"> • Battery incorrectly placed in the charger. • Charger not properly connected to the power outlet. 	<ul style="list-style-type: none"> • Correctly insert the battery into the charger. • Check that the plug is securely connected to the power outlet.
<ul style="list-style-type: none"> • The router heats up after extended periods of work. 	<ul style="list-style-type: none"> • Normal heating due to mechanical and electrical energy absorption during operation. 	<ul style="list-style-type: none"> • Allow the router to cool down for a 5-minute period.
<ul style="list-style-type: none"> • The battery heats up during operation. 	<ul style="list-style-type: none"> • Normal heating due to energy extraction from the battery while the router is running. 	<ul style="list-style-type: none"> • Stop the router for a 5-minute period to allow the battery to cool down
<ul style="list-style-type: none"> • The battery heats up during charging. 	<ul style="list-style-type: none"> • Normal heating due to chemical reactions that occur inside the battery while charging. 	
<ul style="list-style-type: none"> • The charger heats up during charging. 	<ul style="list-style-type: none"> • Normal heating due to voltage regulation. 	



In the event of any problem contacting a TRUPER Authorized Service Center, please see our webpage **WWW.TRUPER.COM** to get an updated list, or call our toll-free numbers **800 690-6990** or **800 018-7873** to get information about the nearest Service Center.

AGUASCALIENTES **DE TODO PARA LA CONSTRUCCIÓN**
GRAL. BARRAGÁN #1201, COL. GREMIAL, C.P. 20030,
AGUASCALIENTES, AGS. TEL: 449 994 0537

BAJA CALIFORNIA **SUCURSAL TIJUANA**
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FLORIDO II, C.P. 22244, TIJUANA, B.C.
TEL: 664 969 5100

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C.P. 24080 CAMPECHE, CAMP. TEL: 981 815 2808

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AV. CENTRAL SUR #27, COL. CENTRO, C.P. 30700,
TAPACHULA, CHIS. TEL: 962 118 4083

CHIHUAHUA **SUCURSAL CHIHUAHUA**
AV. SILVESTRE TERRAZAS #128-11, PARQUE INDUSTRIAL
BAFAR, CARRETERA MÉXICO CUAUHTÉMOC, C.P. 31415,
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JILOTEPEC, JILOTEPEC, EDO. DE MÉX. C.P. 54257
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ROBLEDO, COL. CENTRO, C.P. 43600, TULANCINGO,
HGO. TEL: 775 753 6615 / 775 753 6616

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AV. ADOLFO B. HORN # 6800, COL. SANTA CRUZ DEL
VALLE, C.P.: 45655, TLAJOMILCO DE ZUÑIGA, JAL.
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MICH. TEL: 443 334 6858

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COLONIA PUERTA DE ANAHUAC, C.P. 66052, ESCOBEDO,
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CENTRO, C.P. 85000, CD. OBREGÓN, SON.
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2A ETAPA, C.P. 86010, VILLAHERMOSA, TAB.
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RODRÍGUEZ, FRACC. REYNOSA, C.P. 88780, REYNOSA,
TAMS. TEL: 899 926 7552

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PRIMAVERA C.P. 93308, POZA RICA, VER.
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CALLE 33 #600 Y 602, LOCALIDAD ITZINCAB Y MULSAV,
MPIO. UMAN, C.P. 97390, MÉRIDA, YUC.
TEL: 999 912 2451

Codes	Models	Brand
102865	ROUI-20A	TRUPER PRO
103262	ROUI-20AS	

Warranty. Duration: 3 years. Coverage: parts, components and workmanship against manufacturing or operating defects, except if used under conditions other than normal; when it was not operated in accordance with the instructive; was altered or repaired by personnel not authorized by TRUPER®. To make the warranty valid, present the product, stamped policy or invoice or receipt or voucher, in the establishment where you bought it or in Corregidora 35, Centro, Cuauhtémoc, CDMX, 06060, where you can also purchase parts, components, consumables and accessories. It includes the costs of transportation of the product that derive from its fulfillment of its service network. . Phone number 800-018-7873. Made in China. Imported by TRUPER, S.A. de C.V. Parque Industrial 1, Parque Industrial Jilotepec, Jilotepec, Edo. de Méx. C.P. 54257, Phone number 761 782 9100.



Stamp of the business. Delivery date: