ORIGINAL INSTRUCTIONS

T31



trend®
routing technology

Please read these instructions before use.
Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Dear Customer

Thank you for purchasing this Trend product, we hope you enjoy many years of creative and productive use.

Please remember to return your guarantee card within 28 days of purchase.

Please read these instructions before use.

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Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

The following symbols are used throughout this manual:

WARNING: indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in **minor or moderate** injury.

NOTICE: Indicates a practice **not related** to **personal injury** which, if not avoided, **may** result in **property damage**.

Denotes risk of electric shock.

Denotes risk of fire.

Additional Symbols Used

Wear Personal Protective Equipment (PPE). Ear, eye and respiratory protection **must** be worn.

Denotes risk of personal injury, loss of life or damage to the tool in case or non-observance of the instructions in this manual.

If you require further safety advice, technical information or spare parts, please call Trend Technical Support or visit www.trend-uk.com

VACUUM CLEANER T31A

TECHNICAL DATA

Voltage	UK & Eire	V_{AC}	230
	Europe	V_{AC}	230
Power input		W	1400 (1600)
Frequency		Hz	50
Auto-start	230V max. 230V min.	W W	2200 50
Protective class			IPX4
Flow rate		l/s	70
Max. vacuum		mbar	270
Filter surface	HEPA Pre-filter	cmq cmq	2600 1400
Negative pressure		K_{PA}	21
Dust category			L
Collection bag contents		L	24.5
Container	Dry Wet	L L	35 22
Noise		dB	75
Hose	Length Outside diameter	m mm	5 39
Dimensions		mm	350 x 390 610
Weight		kg	7.9

L_{PA}	(emission sound pressure level)	dB(A)	75
K_{PA}	(uncertainty for the given sound level)	dB(A)	1.5
L_{WA}	(sound power level)	dB(A)	89
K_{WA}	(uncertainty for the given sound level)	dB(A)	1.5

Fuses

UK & Eire	230V tools	13 Amperes, in plug
Europe	230V tools	10 Amperes, mains

INTENDED USE

This machine is intended for collection, vacuuming, conveying and separation of non-flammable dry dusts and non-flammable liquids and water-air mixtures. This dust category class L vacuum cleaner is for semi-professional use and is suited for trades and workshops.

According to IEC/EN 60335-2-69, vacuum of dust category L may only be used for vacuuming and extraction of hazardous dusts with an exposition limit value > 1 mg/m^3. Use vacuum cleaner only when you fully understand and can perform all functions without limitation, or have received appropriate instruction.

DO NOT let children come into contact with this appliance. Supervision is required when inexperienced operators use this appliance.

DO NOT use the vacuum cleaner for combustible dust.

DO NOT use the vacuum cleaner in explosive atmospheres.

This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.

SAFETY



WARNING:

Observe the safety regulations in the instruction manual of the power tool to be used. Please read the following instructions carefully. Failure to do so could lead to serious injury. When using electric tools, basic safety precautions, including the following should always be followed to reduce the risk of fire, electric shock and personal injury. Also observe any applicable additional safety rules. Read the following safety instructions before attempting to operate this product.

PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE.

The attention of UK users is drawn to The Provision and Use of Work Equipment Regulations 1998, and any subsequent amendments.

Users should also read the HSE/HSC Safe Use of Woodworking Machinery Approved Code of Practice and Guidance Document and any amendments.

Users must be competent with woodworking equipment before using our products.

IMPORTANT NOTE:

Residual Risk. Although the safety instructions and operating manuals for our tools contain extensive instructions on safe working with power tools, every power tool involves a certain residual risk which cannot be completely excluded by safety mechanisms. Power tools must therefore always be operated with caution!

General

1. Disconnect power tool and attachment from power supply when not in use, before servicing, when making adjustments and when changing accessories such as cutters. Ensure switch is in “off” position. Always ensure cutter has stopped rotating.
2. Always mount the power tool, accessory or attachment in conformity with the instructions. Only use attachment and accessories specified in the power tool manual. The tool or attachment should not be modified or used for any application other than that for which it was designed. Do not force tool.
3. Keep children and visitors away. Do not let children or visitors touch the tool, accessory or attachment. Keep children and visitors away from work area. Make the workshop child proof with padlock and master switch.
4. Dress properly. Do not wear loose clothing or jewellery, they can be caught in moving parts. Rubber gloves and non-skid footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
5. Consider working environment. Do not use the product in the rain or in a damp environment. Keep work area well lit. Do not use power tools near gasoline or flammable liquids. Keep workshop at a comfortable temperature so your hands are not cold. Connect machines that are used in the open via a residual current device (RCD) with an actuation current of 30 mA maximum. Use only extension cables that are approved for outdoor use.
6. The accessory or attachment must be kept level and stable at all times.
7. Keep work area clean. Cluttered workshops and benches can cause injuries. Ensure there is sufficient room to work safely.
8. Secure idle tools. When not in use, tools should be stored in a dry and high or locked up place, out of reach of children.
9. For best control and safety use both hands on the power tool and attachment. Keep both hands away from cutting area. Always wait for the spindle and cutter to stop rotating before making any adjustments.
10. Always keep guards in place and in good working order.
11. Remove any nails, staples and other metal parts from the workpiece.
12. Maintain tools and cutters with care. Keep cutters sharp and clean for better and safer performance. Do not use damaged cutters. Follow instructions for lubricating and changing accessories. Keep handles dry, clean and free from oil and grease.
13. Maintain accessories. Do not use damaged accessories. Only use accessories recommended by the manufacturer.
14. Check damaged parts. Before operation inspect the attachment, the power tool, the cable, extension cable and the plug carefully for signs of damage. Check for alignment of moving parts, binding, breakage, mounting and any other conditions that may effect its operation. Have any damage repaired by an Authorised Service Agent before using the tool or accessory. Protect tools from impact and shock.
15. Do not use tool if switch does not turn it on or off. Have defective switches replaced by an Authorised Service Agent.
16. Don’t over reach. Keep proper footing and balance at all times. Do not use awkward or uncomfortable hand positions.
17. Don’t abuse the cable. Never carry power tool or accessory by cord or pull it to disconnect from the socket. Keep cord from heat, oil and sharp edges. Always trail the power cord away from the work area.
18. Connect dust extraction equipment. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.
19. Check all fixing and fastening nuts, bolts and screws on power tool, attachment and cutting tools before use to ensure they are tight and secure. Periodically check when machining over long periods.
20. Stay alert. Watch what you are doing. Use common sense. Do not operate tools when you are tired, under the influence of drugs or alcohol.
21. Personal Protective Equipment (PPE) for eye, ear and respiratory protection must be worn. All PPE must meet current UK and EU legislation.
22. Do not leave tools running unattended. Do not leave tool until it comes to a complete stop.
23. Always clamp workpiece being machined securely.
24. Only use cutting tools for woodworking that meet EN847-1/2 safety standards, and any subsequent amendments.
25. Vibration levels. Hand held power tools produce different vibration levels. You should always refer to the specifications and relevant Health & Safety Guide.

Routing Safety

1. Read and understand instructions supplied with power tool, attachment and cutter.
2. Keep hands, hair and clothing clear of the cutter.
3. Remove adjusting keys and spanners. Check to see that keys and adjusting spanners are removed from the router tool, cutter and attachment before turning router on. Make sure cutter can rotate freely.
4. Noise. Take appropriate measures for the protection of hearing if the sound pressure of 85dB(A) is exceeded. Routing sound pressure may exceed 85dB(A), so ear protection must be worn.
5. Eye protection. Always wear eye protection in the form of safety goggles, spectacles or visors to protect the eyes.
6. Respiratory protection. Always wear a face or dust mask, or powered respirator. Dust masks/filters should be changed regularly.
7. Do not switch router on with the cutter touching the workpiece. At the end of the cut, release the router plunge and allow spindle to stop rotating. Never use the spindle lock as a brake

8. The direction of routing must always be opposite to the cutter's direction of rotation. Do not back-cut or climb-cut.
9. Check before cutting that there are no obstructions in the path of the router. Ensure there are no obstacles beneath workpiece when cutting full thickness, and that a sacrificial work surface is used.
10. Hold power tool by insulated gripping surfaces, because the cutter may contact its own cord. Cutting the "live" wire may make exposed metal parts of the powertool "live" and shock the operator.
11. Use clamps or another practical way to secure and support the workpiece to a stable platform. Holding the work by your hand or against the body leaves it unstable and may lead to loss of control.

Router Cutter Safety

1. Cutting tools are sharp. Care should be taken when handling them. Do not drop cutters or knock them against hard objects. Handle very small diameter cutters with extra care. Always return cutter to its packaging after use.
2. Always use cutters with a shank diameter corresponding to the size of the collet installed in your tool.
3. The maximum speed (n.max) marked on the tool, or in instructions or on packaging shall not be exceeded. Where stated the speed range shall be adhered to. Recommended speeds are shown in the Trend Routing Catalogue and/or website.
4. Always use router cutters in a router. Drill and boring bits must not be used in a router. Router cutters must only be used for the material cutting application for which they are designed. Do not use on metal or masonry.
5. Never use cutters with a diameter exceeding the maximum diameter indicated in the technical data of the powertool or attachment used.
6. Before each use check that the cutting tool is sharp and free from damage. Do not use the cutting tool if it is dull, broken or cracked or if in any other damage is noticeable or suspected.
7. Cutters should be kept clean. Resin build up should be removed at regular intervals with Resin Cleaner. The use of a PTFE dry lubricant will reduce resin build up. Do not use PTFE spray on plastic parts.
8. When using stacked tooling (multi-blade, block and groover etc.) on a spindle arbor, ensure that the cutting edges are staggered to each other to reduce the cutting impact.
9. Cutter shanks should be inserted into the collet all the way to the line indicated on the shank. This ensures that at least ¾ of the shank length is held in the collet. Ensure clamping surfaces are cleaned to remove dirt, grease, oil and water.
10. Observe the correct assembly and fitting instructions in the router instruction manual for fitting the collet, nut and cutter.
11. Tool and tool bodies shall be clamped in such a way that they will not become loose during operation. Care shall be taken when mounting cutting tools to ensure that the clamping is by the shank of the cutting tool and that the cutting edges are not in contact with each other or with the clamping elements.
12. It is advisable to periodically check the collet and collet nut. A damaged, worn or distorted collet and nut can cause vibration and shank damage. Do not over-tighten the collet nut
13. Do not take deep cuts in one pass; take several shallow or light passes to reduce the side load applied to the cutter and router. Too deep a cut in one pass can stall the router.
14. In case of excessive vibrations whilst using the router stop immediately and have the eccentricity of the router, router cutter and clamping system checked by competent personnel
15. All fastening screws and nuts should be tightened using the appropriate spanner or key and to the torque value provided by the manufacturer.
16. Extension of the spanner or tightening using hammer blows shall not be permitted.
17. Clamping screws shall be tightened according to instructions provided by the manufacture. Where instructions are not provided, clamping screws shall be tightened in sequence from the centre outwards.
18. Do not touch the cutter immediately after operation; it may be extremely hot and could burn your skin.

Using Routers In A Fixed Position

1. Attention should be made to the HSE's Safe Use of Vertical Spindle Moulding Machines Information Sheet No.18 and any revisions.
2. After work, release the router plunge to protect the cutter.
3. Always use a push-stick or push-block when making any cut less than 300mm in length or when feeding the last 300mm of the cut.
4. The opening around the cutter should be reduced to a minimum using suitably sized insert rings in the table and closing the back fence cheeks or fitting a false fence on the back fence.
5. Whenever possible use a work holding device or jig to secure component being machined. Ensure any attachment is securely fitted to the workbench, with table surface at approximately hip height.
6. Use a No-Volt Release Switch. Ensure it is fixed securely, easily accessible and used correctly.
7. In router table (inverted) mode, stand to the front right of the table. The cutter will rotate anti-clockwise when viewed from top so the feed direction is from the right (against the rotation of the cutter). In overhead mode, stand to the front left of the machine table and the feed direction is from the left.
8. Do not reach underneath table or put your hands or fingers at any time in the cutting path while tool is connected to a power supply.
9. Never thickness timber between the back of the cutter and the backfence.

Useful Advice When Routing

1. Judge your feed rate by the sound of the motor. Feed the router at a constant feed rate. Too slow a feed rate will result in burning.
2. Trial cuts should be made on waste material before starting any project.
3. When using some attachments e.g. a router table or dovetail jig, a fine height adjuster is recommended.
4. When using a template guide bush, ensure there is sufficient clearance between cutter tip and inside edge of bush and that it cannot come into contact with collet and nut. Ensure cutter and guide bush are concentric.

Router Cutter Repair/Maintenance

1. Repair of tools is only allowed in accordance with the manufacturers instructions.
2. The design of composite (tipped) tools shall not be changed in process of repair. Composite tools shall be repaired by a competent person i.e. a person of training and experience, who has knowledge of the design requirements and understands the levels of safety to be achieved.
3. Repair shall therefore include, e.g. the use of spare parts which are in accordance with the specification of the original parts provided by the manufacturer.
4. Tolerances which ensure correct clamping shall be maintained.
5. Care shall be taken that regrinding of the cutting edge will not cause weakening of the body and the connection of the cutting edge to the body.

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VACUUM CLEANING SAFETY

Important Safety Instructions

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.

BEFORE USING THE APPLIANCE, READ AND FOLLOW ALL INSTRUCTIONS.

WARNING: Operators shall be adequately instructed on the use of these machines.

WARNING: To reduce the risk of electric shock. Do not expose to rain. Store indoors.

- Before use, operators shall be provided with information, instruction and training for the use of the machine and the substances for which it is to be used, including the safe method of removal and disposal of the material collected.
- Operators should observe any safety regulations appropriate to the materials being handled.
- Do not leave the appliance when it is connected to a power source. Unplug it from outlet when not in use and before servicing. Turn off all controls before unplugging appliance.
- Do not allow the appliance to be used as a toy. Pay close attention when the appliance is used by or near children.
- Use this appliance only as described in the manual. Use only Trend recommended attachments and Trend original spare parts.
- Do not use this appliance with a damaged power cord or plug. If the appliance is not working correctly, or if it has been dropped, damaged, left outdoors, or dropped in water, return it to a service centre.
- Do not unplug this appliance by pulling on the power cord. To unplug, grasp the plug, not the power cord.
- Do not pull or carry this appliance by the power cord. Do not use the power cord as a handle, close a door on the power cord, or pull the power cord around sharp edges or corners. Do not run the appliance over the power cord. Keep power cord away from heated surfaces.
- Do not handle the plug or appliance with wet hands.
- Do not put any objects into the openings of the appliance. Do not use the appliance with any opening blocked. Keep openings free of dust, lint, hair and anything else that may reduce airflow and cause a blockage.
- Keep hair, loose clothing, fingers, and all body parts away from the openings and moving parts of the appliance.
- Do not use the appliance to pick up flammable or combustible liquids, such as gasoline, or use in areas where flammable or combustible liquids are present.
- Static shocks are possible in dry areas or when the relative humidity of the air is low. This is only temporary and does not affect the use of the vacuum. To reduce the frequency of static shocks, add moisture to the air with a console or installed humidifier.
- To avoid spontaneous combustion, empty canister after each use.
- Take extra care if cleaning on stairs.

SAVE THESE INSTRUCTIONS

ELECTRICAL SAFETY

Power Supply

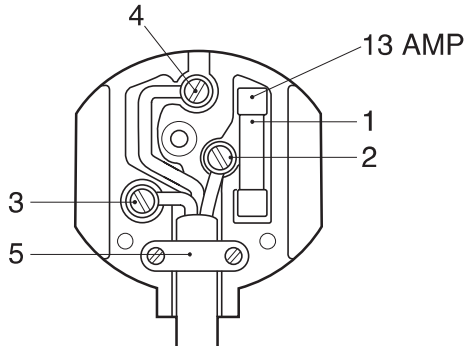
WARNING: Before any maintenance work, isolate mains plug from power source.

The electric motor has been designed for one voltage only. Always check that the power supply corresponds to the voltage on the rating plate. Machines marked for 230 volt can also be operated from a 220-volt supply. The vacuum cleaner is supplied from the factory with mains supply power cord/cable, which has an earthed plug. It must only be connected to an approved earthed socket.

Mains Plug Replacement (UK & Ireland only)

Always check the condition of the cable and plug before starting with your work. Should your mains plug need replacing and you are competent to do this, proceed as instructed below. If you are in doubt, contact an authorized Trend Repair Agent or a qualified electrician.

- Disconnect the plug from the supply.
- Cut off the plug and dispose of it safely; a plug with bared copper conductors is dangerous if engaged in a live socket outlet.
- Only fit 13 Amperes BS 1363A approved plugs fitted with a 13 Amp A.S.T.A approved BS 1362 fuse (1).
- The cable wire colours, or a letter, will be marked at the connection points of most good quality plugs. Attach the wires to their respective points in the plug (see top right).
- Brown is for Live (L) (2), Blue is for Neutral (N) (3) and Green/Yellow is for earth ⏚ (4).
- Before replacing the top cover of the mains plug ensure that the cable restraint (5) is holding the outer sheath of the cable firmly and that the two leads are correctly fixed at the terminal screws.



WARNING: Never use a light socket. Never connect the live (L) or neutral (N) wires to the earth pin marked E or ⏚ .

Using an Extension Cable

- If an extension cable is required, use an approved triple core extension cable suitable for the power input of this tool (see technical data). The minimal conductor size is 1.5mm², the maximum length is 30m.
- When using a cable reel, always unwind the cable completely.
- Also refer to the tables below.

Conductor size (mm²)	Cable rating (Amperes)
0.75	6
1.00	10
1.50	15
2.50	20
4.00	25

		Cable length (m)					
		7.5	15	25	30	45	60
Voltage	Amperes	Cable rating (Amperes)					
230	0 - 2.0	6	6	6	6	6	-
	2.1 - 3.4	6	6	6	6	6	-
	3.5 - 5.0	6	6	6	6	10	-
	5.1 - 7.0	10	10	10	10	15	-
	7.1 - 12.0	15	15	15	15	20	-
	12.1 - 20.0	20	20	20	20	25	-

Additional Safety Rules

- Do not pick up anything that is burning or smoking, such as hot ashes, matches or cigarettes.
- Do not use to vacuum combustible explosive materials, such as grain, coal or other finely divided combustible material.
- Do not use to vacuum hazardous, toxic or carcinogenic materials, such as asbestos or pesticide.
- Never pick up explosive liquids (e.g. paint thinner, gasoline, diesel fuel, heating oil etc.), acids or solvents.
- Do not use vacuum without filters in place, except as explained in the Wet Vacuuming section of this manual.
- Some woods contain preservatives which can be toxic. Take extra care to prevent inhalation and skin contact when working with these materials. Request and follow any safety information available from the supplier of the materials.
- Do not use vacuum cleaner as a seat, ladder or stepladder.
- Do not place heavy objects on vacuum cleaner.
- Do not hang the vacuum cleaner eg for transporting purposes.

EC DECLARATION OF CONFORMITY

MACHINERY DIRECTIVE

CE

VACUUM CLEANER T31A

Trend declares that the product described under Technical Data is in compliance with 2006/42/EC.

This product also complies with Directives 2014/35/EC, 2014/30/EU, 2011/65/EU and the following harmonised standards
EN 60335-1, EN 60335-2-69, EN 62233:2008, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015, EN 61000-3-2:2014, EN 61000-3-3:2013.

For more information please contact Trend at the following address or refer to back of manual.
The undersigned make this declaration on behalf of Trend Machinery & Cutting Tools Ltd.

Technical Director
Neil McMillan

Trend Machinery & Cutting Tools Ltd
Unit 6 Odhams Trading Estate
St Albans Road, Watford
Herts, WD24 7TR
United Kingdom
01.01.2018

RESIDUAL RISKS

In spite of the application of the relevant safety regulations and implementation of safety devices, certain residual risks cannot be avoided. These are:-

- Impairment of hearing.
- Risk of personal injury due to flying particles.
- Risk of burns due to accessories becoming hot during operation.
- Risk of personal injury due to prolonged use.

MARKINGS ON TOOL

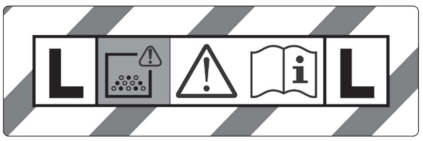
The following pictures are shown on the appliance.



Read instruction manual before use.



WARNING: This appliance contains harmful dust. The emptying and maintenance, including the removal of the collection bag, may only be executed by trained personnel wearing suitable protection equipment. Do not switch on until the complete filter system has been installed.



Class L vacuum cleaners are suitable to vacuum dry, non-combustible dusts with workplace limit values of > 1 mg/m^3.

WARNING: The vacuum cleaner contains materials that are hazardous to one's health. Have the emptying and maintenance, including the disposal of dust-collection containers, carried out only by specialists. Appropriate protective equipment is required. Do not operate the vacuum cleaner without the complete filter system. Otherwise there is danger to your own health.

Date Code Position

The date code, which includes the year of manufacture, is printed on the rating plate that can be found on the appliance top housing.

ITEMS ENCLOSED

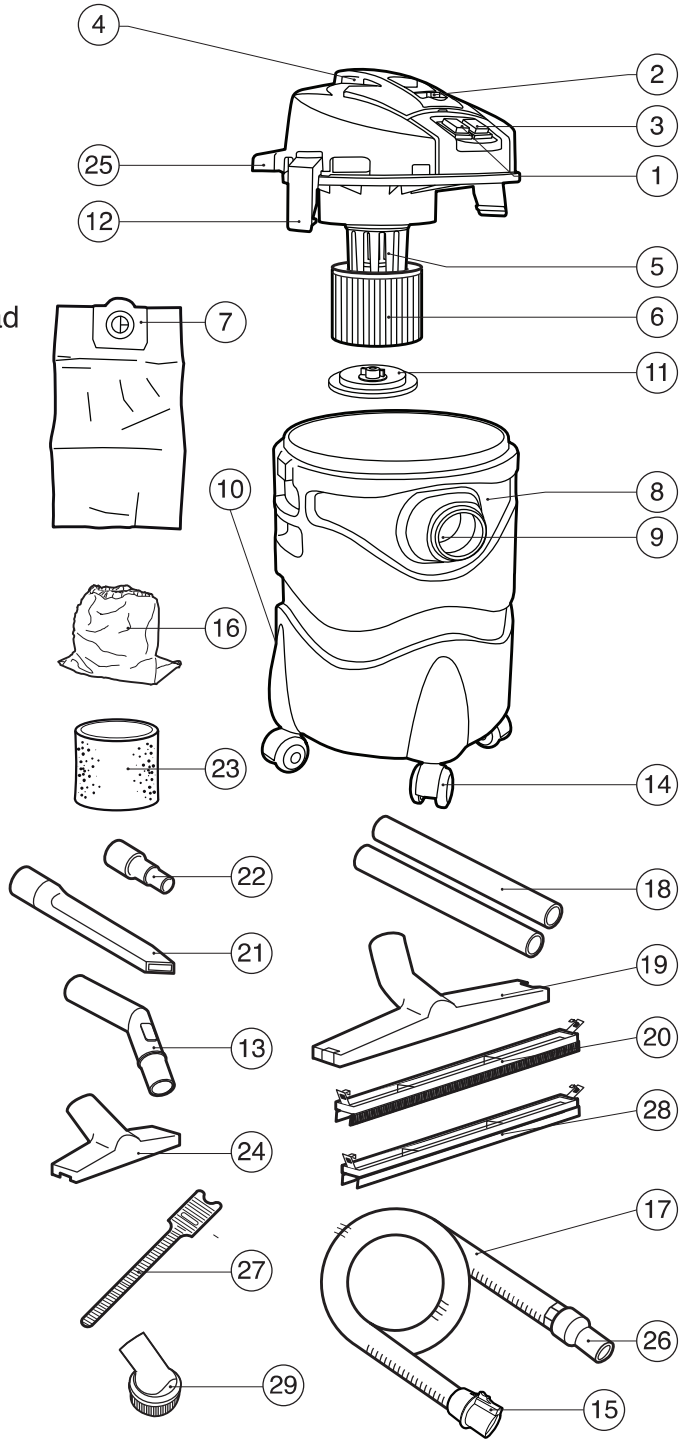
1 x Cartridge Filter HEPA
4 x Castors
1 x Paper Collection Bag
1 x Nylon Pre-Filter
1 x Hose 5m x 39mm Ø with Hose Spout
2 x Extension Tubes
1 x Hose Handle with Air Control Valve
1 x Universal Spout
1 x Spout Insert Brush
1 x Spout Insert Wiper
1 x Power Tool Adaptor
1 x Crevice Tool
1 x Upholstery Tool
1 x Hook & Loop Cable Tie
1 x No Foam Filter
1 x Manual
1 x Guarantee Card

DESCRIPTION OF PARTS

1. Switch ON-OFF
2. Power tool socket 230V max. 2200W safe load
3. Switch auto-start for power tool take off
4. Carrying handle
5. Float
6. Cartridge filter HEPA
7. Paper collection bag
8. Container
9. Container hose outlet and deflector
10. Container plug (at rear)
11. Cartridge filter cap
12. Container catch
13. Hose handle with air control valve
14. Castors
15. Hose bayonet fitting with release button
16. Nylon pre-filter
17. Hose 5m x 39mmØ
18. Extension tubes
19. Universal spout
20. Spout insert brush for floors
21. Crevice tool
22. Power tool adaptor
23. No foam filter
24. Upholstery tool
25. Power cable park
26. Hose spout
27. Hook & loop cable tie
28. Spout insert wiper for liquids
29. Round brush

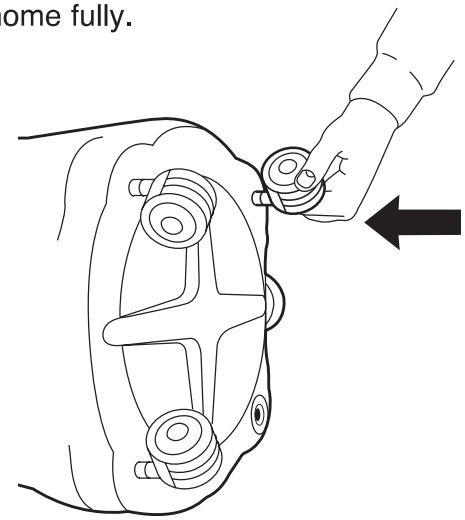
- Check for damage to the tool, parts or accessories which may have occurred during transport.
- Take the time to thoroughly read and understand this manual prior to operation.

WARNING: Never modify the appliance or any part of it. Damage or personal injury could result.



ASSEMBLY ⚠

Gently turn unit on its side and insert the four castor wheels in the provided housings under the container. Ensure the castors are pushed home fully.

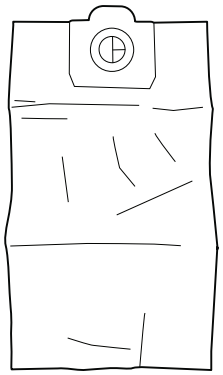


Loop the hook & loop cable tie around the plug end of the power cable.

Inserting the Collection Bag ⚠

For dry vacuuming, a collection bag must be used. This makes the disposal of the dust easier.

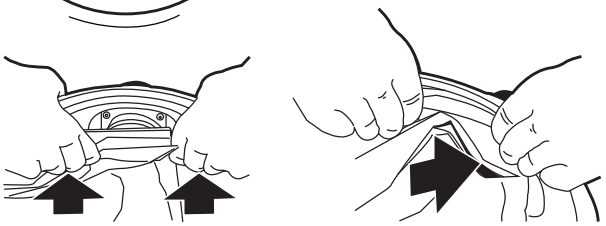
- Unwind the cable (cord) from cable park to allow for ease of access.
- Unlock the container catches and remove the vacuum head.
- The collection bag has a card reinforced opening with a tab at the top.



- Ensure that the collection bag is handled with care to prevent damage and that is does not get caught or ripped by the container deflector flange or other sharp objects or projections.
- Insert the collection bag into the container with the opening towards the front of the vacuum cleaner.
- Turn bag through 90º. Pull the collection bag opening over the container deflector flange ensuring the collection bag opening passes over the ridge on the container deflector. The card reinforcement will need to bend slightly to ensure that collection bag is pushed tight to the interior wall of the container.

⚠ **CAUTION: Take care of the bag to ensure it does not get damaged when fitting or when removing.**

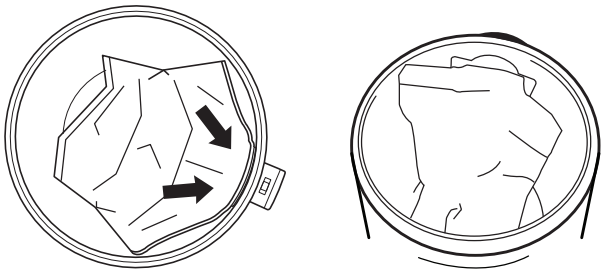




- Carefully rotate bag so card reinforcement is uppermost.



- Check that the collection bag card reinforced opening is completely tight against the interior wall of the container. Fold out the rest of the disposal collection bag downwards into the container.



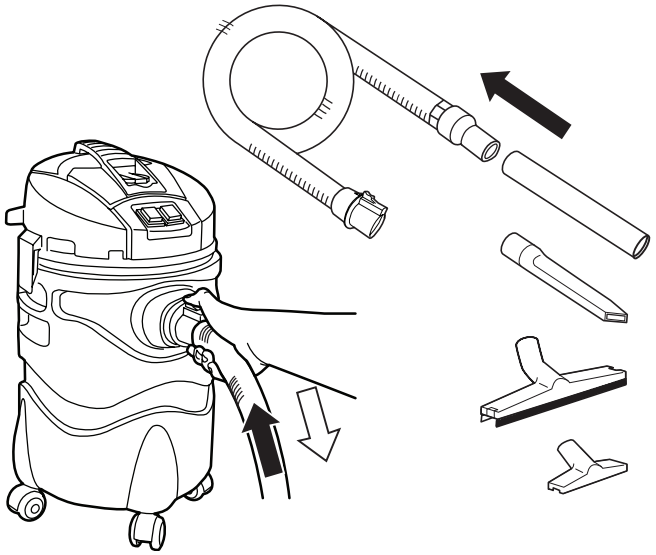
- Reattach the vacuum head again, ensuring power cable is not fouling or trapped, and lock the container catches.

Removing the Collection Bag

- Unwind the cable from cable park to allow for ease of access.
- Unlock the container catches and remove the vacuum head.
- Using the card reinforced opening pull the full collection bag towards the rear off the container deflector flange.
- Carefully remove the collection bag out of the vacuum cleaner without damaging it. When doing this, pay attention that the disposal bag does not get caught or ripped open against the container deflector flange or other sharp objects or projections.
- Dispose of the collection bag in an appropriate container according to the respective national regulations.

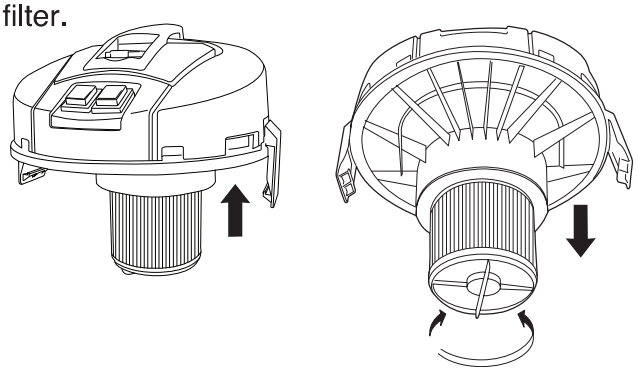
Mounting the Hose, Nozzles and Tubes

- Connect the hose to the container by pushing the hose bayonet on the end of the hose into the container hose outlet. To remove hose, push button on the hose bayonet and pull the hose away from the container.
- The spouts are a push fit on the extension tubes. To remove the spouts, turn the parts in the opposite direction and pull apart.
- For carpets use the universal spout.
- For floors, clip the brush spout insert into the universal spout.
- For fluids, clip the wiper spout insert into the universal spout.



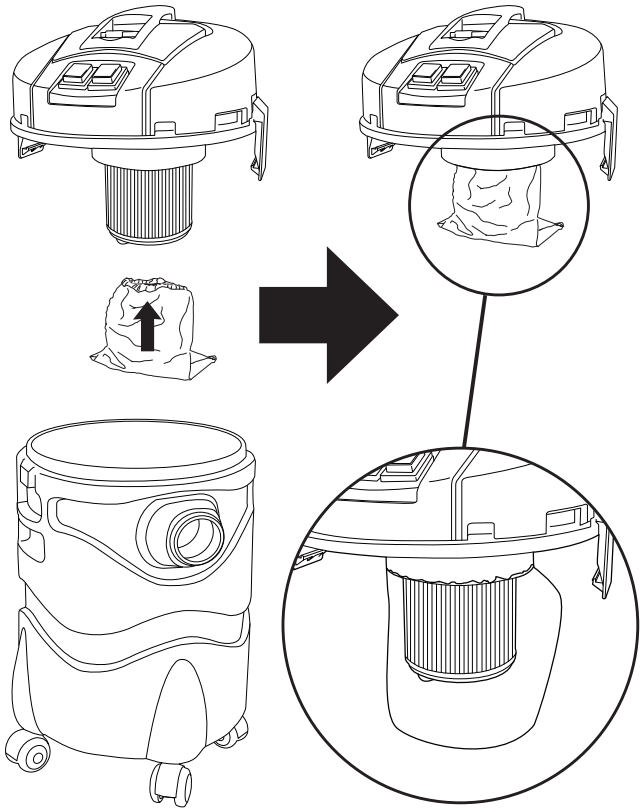
Fitting/Removing Cartridge Filter

The filter cartridge has to be completely pushed in and is secured by turning the filter cartridge cap. Check that it fits correctly.
In order to remove the cartridge filter turn the cap anti-clockwise and withdraw the cartridge filter.



Fitting/Removing Nylon Pre-Filter

The nylon pre-filter is elasticated and placed over the cartridge filter, ensure the mouth of the pre-filter engages in the recess between the cartridge filter and motor housing. The cartridge filter must be fully covered.
In order to remove the pre-filter filter gently pull the pre-filter away from the cartridge filter.



OPERATION

Starting Operation

Observe correct mains voltage! The voltage of the power source must agree with the voltage specified on the nameplate of the vacuum cleaner. Equipment marked with 230V can also be operated with 220V.
Please refer to the HSE guidelines concerning the handling of materials that are hazardous to one's health.

The vacuum cleaner is suitable for vacuuming and extracting the following materials:

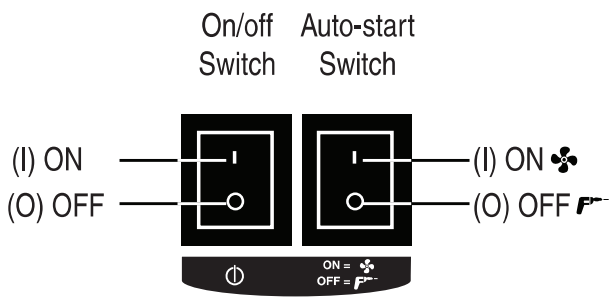
- Dusts with an exposition limit value > 1 mg/m^3.

The vacuum cleaner may generally not be used in rooms where the danger of an explosion exists. To save energy, only switch the vacuum cleaner on when using it.

Dry Vacuuming

Never use the appliance without the re-useable pre-filter, cartridge filter or the collection bag.

- Empty the container and dispose of any liquid, which may have been picked up previously.
- Remove the no foam filter if fitted.
- Fit the cartridge filter over the float cage and lock in position using the filter cap.
- To switch the vacuum cleaner on, ensure auto-start switch is set to (I) ON (fan symbol). Press on/off switch to (I) ON.
- To switch the vacuum cleaner off, set the on/off switch to (0) OFF.

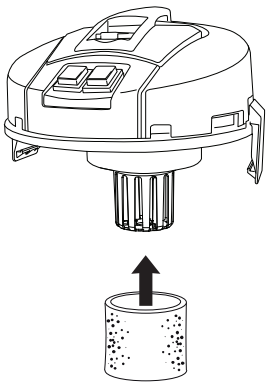


Wet Vacuuming

Do not vacuum inflammable or explosive fluids; for example, benzene, oil, alcohol, solvents. Do not vacuum hot or burning dust. Do not operate the machine in rooms where the danger of an explosion exists. The dusts, vapours or fluids can ignite or explode. The vacuum cleaner may not be used as a water pump. The vacuum cleaner is intended for vacuuming air and water mixtures. Before any work on the vacuum cleaner itself, pull the mains plug.

NOTE: The requirements for the ingress degree (dust category L) have only been proven for dry vacuuming.

- Remove the collection bag, nylon pre-filter and cartridge filter, empty the container and fit the no foam filter before wet vacuuming.
- Fit the no foam filter around the float cage.

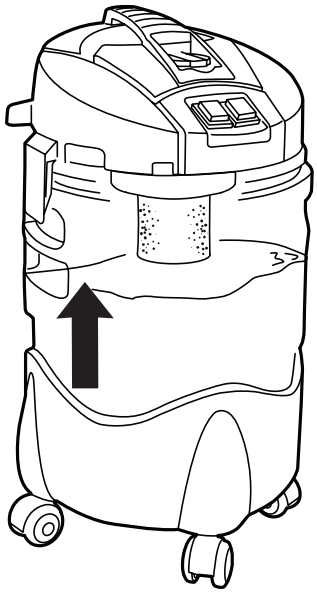


- To switch the vacuum cleaner on, ensure auto-start switch is set to (I) ON (fan symbol). Press on/off switch to (I) ON.
- To switch the vacuum cleaner off, set the on/off switch to (0) OFF.

WARNING: DO NOT connect power tools to outlet (when using the vacuum for wet pick up.

Plug vacuum into residual current device (RCD) protected outlet when using the vacuum for wet pick up. If foam or liquid escapes from the machine, switch off immediately.

When the fluid has reached the highest permitted level in the container, the float regulator automatically blocks the suction and the motor pitch will change: switch off the vacuum cleaner immediately pull out the plug, remove the suction head from the container and empty the container.



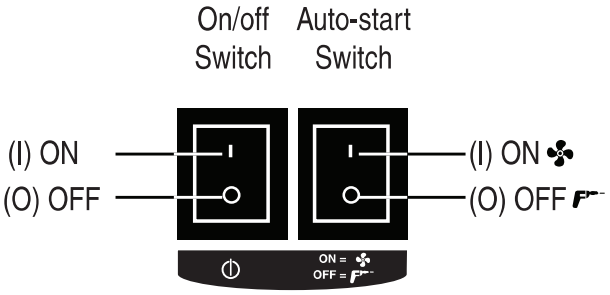
To empty container:-

- Turn off vacuum and unplug power cable from outlet.
- Unlatch container catches and remove vacuum head.
- Pull off container plug and empty contents of canister into a suitable container or drain. To
- Refit container plug and ensure it is fully seated on the container.

Connecting to Power Tools

CAUTION: Only use the power tool socket for purposes specified in the instructions. Auto-start socket to be used with a power tool of maximum 2200 watts, and minimum 50 watts.

- To activate the power tool take off socket, put on/off switch to (I) ON and auto-start switch to (0) OFF (power drill symbol). When a tool is connected, the vacuum will automatically start as the tool is started.
- Connect the hose to the dust spout on the power tool using the hose spout and the stepped adapter if needed.
- When the auto-start switch is set to (I) ON (fan symbol) constant suction will occur via the power tool whether or not the power tool is activated.



WARNING: When switches are (I) ON, the electric tool socket is live. Not suitable for hot items.

NOTE: When auto-start is used the vacuum cleaner starts automatically and continues to run for 5 seconds after the power tool has been turned off.

NOTE: An adequate ventilation rate (L) must be provided for when the outgoing air is circulated. Observe the respective national regulations.

After use, store vacuum cleaner carefully.

MAINTENANCE AND SERVICE ⚠

Before any work on the vacuum cleaner itself, isolate from the power supply.
For safe use and to ensure the appliance works properly, always keep the vacuum cleaner and ventilation slots clean.
Wear a dust protection mask when maintaining and cleaning the vacuum cleaner.
If the replacement of the power cable is necessary, this has to be done by Trend or a Trend Service Agent in order to avoid a safety hazard.
A dust-technical inspection is to be carried out at least once every year by the manufacturer or an instructed person, e.g. for damage of the filter, tightness against leakage of the vacuum cleaner and function of the control unit.

For category L vacuum cleaners that were in contaminated environments, the exterior as well as all machine parts should be cleaned or treated with sealants. When performing maintenance and repair work, all contaminated components that cannot be cleaned satisfactory must be disposed of. Such components must be disposed of in impermeable plastic bags conforming with the valid national regulations for the disposal of such waste.

For maintenance on behalf of the user, the vacuum cleaner must be disassembled, cleaned and maintained as far as feasible, without causing a risk for the maintenance personnel or other persons. Prior to disassembly, the vacuum cleaner should be cleaned in order to prevent any risks. The room/enclosure in which the vacuum cleaner is disassembled should be well ventilated. Wear personal protective equipment during maintenance. After maintenance of the appliance, the maintenance area should be cleaned.

Cleaning ⚠

⚠

WARNING: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the appliance. These chemicals may weaken the materials used in these parts. Never let any liquid get inside the machine; never immerse any part of the appliance into a liquid.

- Vacuum the outside of the dust extractor. For further cleaning use a cloth dampened only with water and mild soap if necessary.
- After use dispose of the cloth in an appropriate container.

The nylon pre-filter can be cleaned in water and must be allowed to dry before use.
The HEPA cartridge filter must not be cleaned with water.

⚠

WARNING: Do not clean HEPA cartridge filter with water.

Lubrication

- Your appliance requires no additional lubrication.

Storage

- Empty the container.
- Clean the vacuum inside and outside, refer to the Cleaning section.
- Clean or replace filters, refer to the Filters section.
- To prevent back injuries, remove a full disposal collection bag, or drain vacuumed up fluid before transporting the vacuum cleaner.
- Wind the cable around the cable park and tie using the hook & loop cable tie. Wrap suction hose around container.
- Carry the vacuum cleaner only by the carrying handle.
- Store accessories in a safe place.
- Place the unit in a dry room and secure it from unauthorized use.

ENVIRONMENTAL PROTECTION

Recycle raw materials instead of disposing as waste.

Accessories and packaging should be sorted for environmental-friendly recycling.

Separate collection. This product must not be disposed of with normal household waste.

Household User

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by retailer when you purchase a new product.

Please call Trend Customer Services for advice as to how to dispose of unwanted Trend electrical products in an environmentally safe way or visit www.trend-uk.com

Business User

Please call Trend Customer Services for disposal of unwanted Trend electrical products.

GUARANTEE

The unit carries a manufacturers guarantee in accordance with the conditions on the enclosed guarantee card.

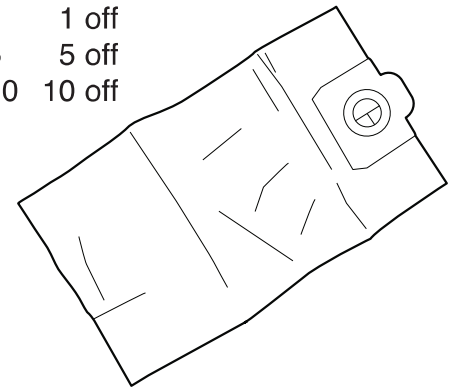
For the location of your nearest Trend Service Agent, please call Trend Customer Services or see stockist locator on www.trend-uk.com

ACCESSORIES

Please use only Trend original accessories.

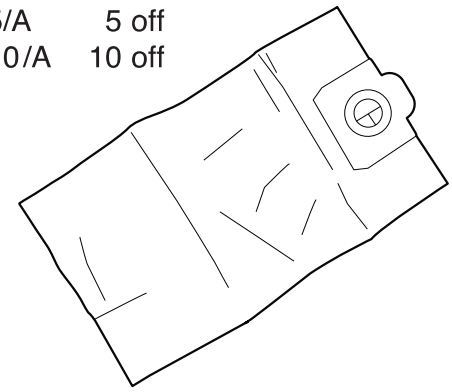
Paper Filter Bag
For dry use only.

Ref. T31/1 1 off
T31/1/5 5 off
T31/1/10 10 off



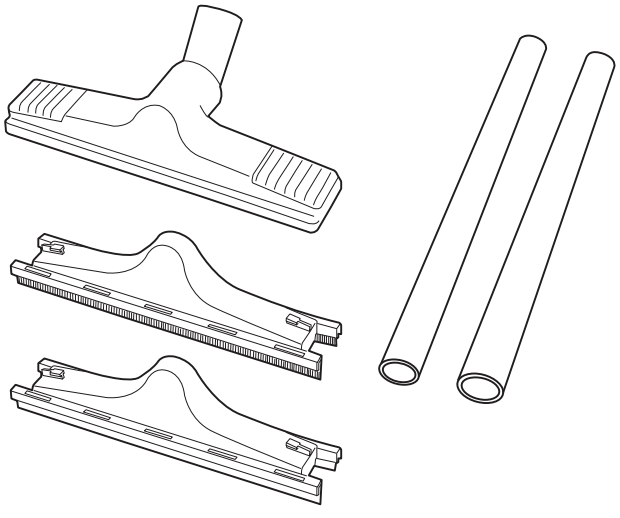
Micro Filter Bag
For dry use only.

Ref. T31/1/A 1 off
T31/1/5/A 5 off
T31/1/10/A 10 off



Deluxe Cleaning Kit
Deluxe universal spout with wheels, metal tubes, wiper insert and brush insert.

Ref. T35/3



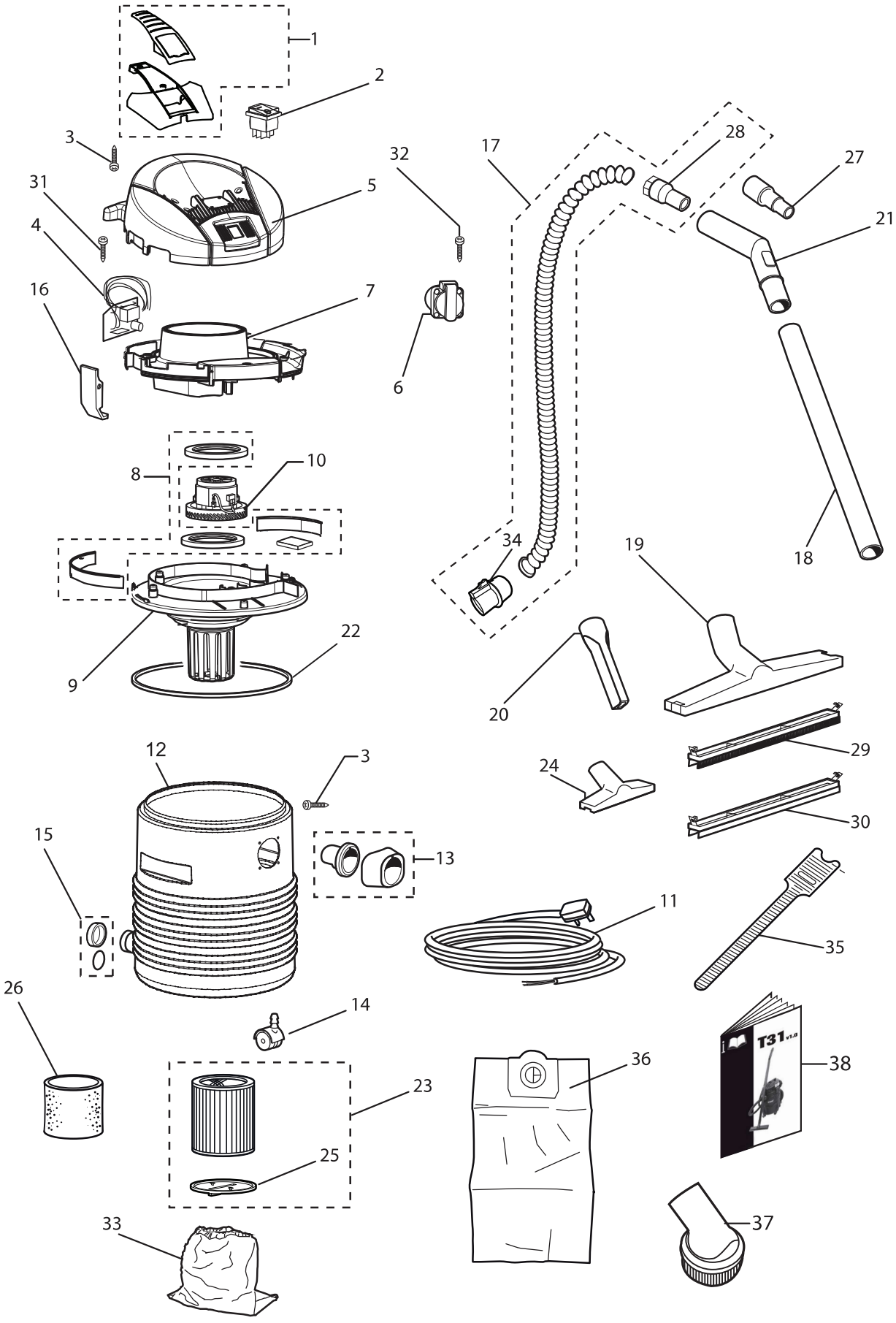
Please use only Trend original spare parts.

T31 - SPARE PARTS LIST			v3.0 12/2017
No.	**Qty.**	**Desc.**	**Ref.**
1	1	Handle with Cover	WP-T31/001
2	2	Switch 230V UK	WP-T31/002
3	13	Screw Self Tapping Pan 4mm x 25mm Torx	WP-T31/003
4	1	Circuit Board with Leads 230V	WP-T31A/004
5	1	Housing Cover	WP-T31/005
6	1	Auto Start Socket 240V UK Plug and Cover	WP-T31A/006
	1	Auto Start Socket 230V Euro Plug and Cover	WP-T31EUR/006
7	1	Motor Housing	WP-T31/007
8	1	Seal Kit	WP-T31/008
9	1	Lower Motor Housing	WP-T31/009
10	1	Motor with Leads	WP-T31/010
11	1	3 Core Cable with Plug 240V UK	WP-T31/011
	1	2 Core Cable with Plug 230V Euro	WP-T31EUR/011
12	1	Container Housing	WP-T31/012
13	1	Container Deflector & Outlet Fitting	WP-T31/013
14	4	Castor 50mm	WP-T31/014
15	1	Container Plug and O Ring Kit	WP-T31/015
16	1	Container Catch	WP-T31/016
17	1	Hose 39mm x 5mm with Adaptor & Bayonet	WP-T31/017
18	2	Plastic Tube 478mm	WP-T31/018
19	1	Universal Spout	WP-T31/019
20	1	Crevice Tool 35mm ID	WP-T31/020
21	1	Hose Handle with Air Control Valve	WP-T31/021
22	1	Gasket	WP-T31/022
23	1	Cartridge Filter HEPA	T31/2
24	1	Upholstery spout	WP-T31/024
25	1	Cartridge Filter Cap	WP-T31/025
26	1	No Foam Filter	WP-T31/026
27	1	Power Tool Adaptor	WP-T31/027
28	1	Hose Spout 35mm OD	WP-T31/028
29	1	Floor Spout Brush for Floors	WP-T31/029
30	1	Floor Spout Wiper for Liquids	WP-T31/030
31	2	Screw Self Tapping Pan 3.5 x 13mm Pozi	WP-T31/031
32	4	Screw Self Tapping Pan 3.5 x 16mm Pozi	WP-T31/032
33	1	Pre-Filter	WP-T31/033
34	1	Hose Bayonet Fitting	WP-T31/034
35	1	Hook & Loop Tie 200mm x 13mm Black	WP-T31/035
36	1	Paper Filter Bag	T31/1
37	1	Round Brush	T31/3
38	1	Manual	MANU/T31

T31 - SPARE PARTS DIAGRAM

v3.0 12/2017

Please use only Trend original spare parts.



PROBLEM	SOLUTION
Motor does not start	The ON/OFF switch is not activated. Power cable is not attached to power supply. Fuse of the plug has blown requiring replacement of fuse.
Suction capacity decreases.	Remove blockages in the suction nozzle, suction tube, suction hose or filters. Replace the paper collection bag. Check for proper installation of the filters. Clean or replace the filters.
Vacuum stops running.	1. Turn the vacuum off and disconnect vacuum cleaner from power source. 2. Empty the canister, if needed. 3. Allow the unit to cool. 4. Plug the power cable into an appropriate outlet and turn on/off switch to the ON position to test. If vacuum will not restart contact your seller or check the location of your nearest authorised Trend Service Agent on the website.
Dust comes out while vacuuming	Check for proper installation of the filters. Ensure filters are not damaged; replace if necessary. Ensure filter seals are in place and are secure.
No suction power during wet cleaning.	Container is full; float has closed the suction opening. Switch off cleaner and empty the tank.
Power tool does not turn on in AUTO mode.	The switch AUTO is not in position AUTO. Power tool is defective. Check that the power tool works or that the plug is inserted properly.

MANU/T31 v3.0

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RECYCLABLE

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