

TOLSEN X20

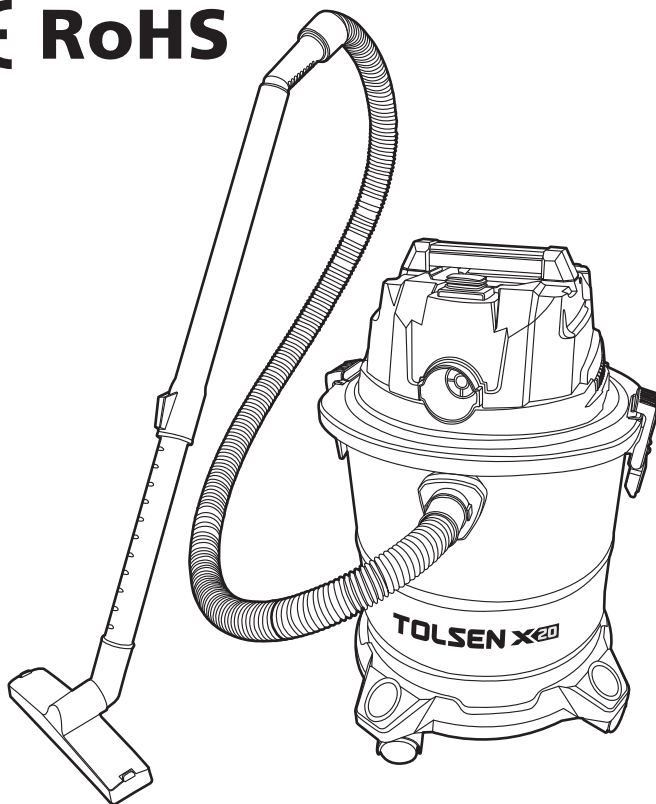
96128/96528

LI-ION CORDLESS VACUUM CLEANER

INSTRUCTION MANUAL

20V LITHIUM-ION

CE RoHS



SAVE THIS MANUAL !

You will need this manual for safety instructions, operating procedures and warranty.
Put it and the original sales receipt in a safe dry place for future reference.

IMPORTANT SAFETY INFORMATION

WHEN USING YOUR VACUUM CLEANER, BASIC PRECAUTIONS SHOULD ALWAYS BE OBSERVED, INCLUDING THE FOLLOWING:

1. 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 use of the appliance by a person responsible for their safety.
2. Children should be supervised to ensure that they do not play with the appliance.
3. To prevent electrical shock, do not immerse the appliance, battery cartridge or adaptor into water or other liquids.
4. Always check the battery cartridge before use. It should be in a good condition and must not be damaged. If the battery is damaged or defective, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. Make sure the battery cartridge is well and properly charged, and plugged in before starting the cleaner.
6. Ensure the appliance is switched off before unplugging the battery.
7. Do not handle or operate the appliance with wet hands and follow electrical safety precautions all the time.
8. Extreme caution should be exercised when using the appliance on stairs.
9. Do not operate the vacuum cleaner too close to the heaters, radiators and other hot surfaces.
10. Do not use the appliance to pick up hot water/ liquids, flammable items or combustible liquids (i.e. petrol, hot ashes cigarettes, matches, explosive materials or anything burning) or use in areas where such substances and items may be present.
11. Do not use the appliance to pick up toxic materials (i.e. chlorine bleach, ammonia).
12. Do not operate or use the appliance without dust bag and/or filters in place while dry vacuum cleaning.
13. Before vacuuming, remove any large or sharp objects from the floor or cleaning surface in order to prevent damage to the filter.
14. If the hose inlet, floor tool or the plastic tubs are clogged, switch off the vacuum cleaner right away and remove them. Clear the blocked object before attempting to start the cleaner vacuum again.
15. Do not leave the appliance unattended when it is switched on.
16. Please contact with the local stores or after sale service when the cleaner breaks down.
17. Never clean the vacuum cleaner or any of the electrical parts, especially the electrical connections with water or liquid cleaners.
18. Never attempt to make any modifications electrically to the vacuum cleaner.
19. Always store the appliance indoors in a cool and dry place.
20. Damage caused by improper use or by failure of observing the instructions in this manual will void warranty.

Battery Safety

WARNING

This battery can only be used in the machines included in the TOLSEN X20V lithium-ion power platform system.

This battery can only be used cooperatively with the designated battery charger.

Li-Ion batteries, if incorrectly used, stored or charged will cause a fire, burn and explosion hazard.

Failure to follow these instructions may cause overheating or fire.

1. Keep the battery out of reach of children.
2. The battery should be charged at ambient temperatures between 5 and 40°C (ideally around 20°C) . After charging, allow 15 minutes for the battery to cool before use.
3. The Battery Charger monitors battery temperature and voltage while charging. DO NOT leave batteries on charge for extended periods and NEVER store batteries on charge. Ensure that the charger is disconnected from the mains supply after use.
4. When not in use batteries should be stored at room temperature. Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 40°C (ideally around 20°C) .
5. Ensure that battery contacts cannot accidentally short in storage. Keep batteries clean; foreign objects or dirt may cause a short. Keep away from other metal objects, for example, paperclips, coins, keys, nails and screws.
6. **DO NOT** store lithium-ion battery packs in a discharged state over a long period as this can damage the lithium-ion cells. For long-term storage, store batteries in a high charge state disconnected from the power tool.
7. Batteries can become faulty over time, individual cells in the battery can fail and the battery could short. The charger will not charge faulty batteries. Use another battery, if possible, to check correct functionality of the charger and purchase a replacement battery if a faulty battery is indicated.
8. **DO NOT** open, disassemble, crush, heat or incinerate. Do not dispose of in fire or similar.

Battery Charger Safety

WARNING

This charger can only be used to charge the batteries which has TOLSEN X20V symbol. If it is used to charge other kinds of batteries, there is a risk of explosion. **DO NOT** attempt to recharge non-rechargeable batteries.

1. This is class 2 power supply. It is suitable for indoor use only.
2. Before use, the input and output technical data must be checked to secure correct use.
3. Do not use the Battery Charger in the circumstances that the output polarity does not match the load polarity.
4. Do not attempt to use the charger with any batteries other than those supplied. Keep your battery charger clean; foreign objects or dirt may cause a short or block air vents. Failure to follow these instructions may cause overheating or fire
5. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Before Use

Removing a battery

Remove the Battery from the tool by pressing the lock button, then slide the Battery out of the Battery Slot.

WARNING:

DO NOT try to remove the Battery without pressing the lock button. The tool or Battery could be damaged.

Fitting a battery

1. Fit a battery by sliding it on to the Battery Slot of the tool until it clicks and locks into position

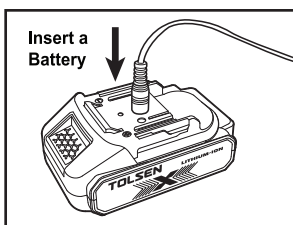
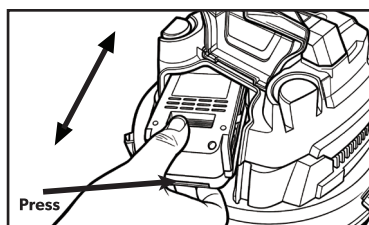
Note: Make sure the Battery and tool are lined up correctly. If the Battery does not slide into the tool easily, do not force it. Instead, slide the Battery out of the tool again, check the top of Battery and the tool battery slot are clean and undamaged and that the contacts are not bent

Setting up the battery charger

1. If there is battery fitted, remove any battery from battery charger first

2. Insert the Battery Charger mains plug into a suitable mains socket

Note: The Green LED on the Charger will always bright to indicate that the charger is ready to charge the battery.



WARNING: Use this charger ONLY to charge the supplied battery or additional purchased batteries that are specifically designed for this tool.

Charging the battery

WARNING: Failure to follow the correct procedure when charging batteries will result in permanent damage.

Note: Normal charging time is approximately 1hr for a recently discharged 2.0Ah capacity battery. However, if the Battery has been left in a discharged state for some time, it may take additional time to charge.

1. Slide a fully or partially discharged Battery on to the Battery Charger .

2. Once charging commences, the Red LED will on.

3. When the Battery is fully charged, the Red LED will off and Green LED will on.

IMPORTANT: When a low charge level is indicated, the tool may stop operating while in use, which is dangerous when operating it. Always ensure the battery pack has a good charge level.

Note: Symbolology

	Class II Double insulated for additional protection
	CE conformity
	Read the instruction manual before using
	Wear hearing protection while operating the tool
	Wear hand protection
	Always use breathing apparatus when machining materials which generate dust.
	Wear ear protection.
	Operating environmental temperature
	Do not incinerate battery pack
	Do not expose to water
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.
	Batteries and rechargeable batteries are not household waste! As a consumer, you are required by law to dispose of all batteries and accumulators, whether or not they contain harmful substances *, at a collection point in your municipality / neighborhood or in commerce so that they can be disposed of in an environmentally sound manner.
	Battery pack is recyclable and should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice
	Safety alert
	For indoor use only
	Internal time lag fuse with a maximum current of 2A.

SPECIFICATIONS

Rated Voltage	20VDC
Output power	150W
Dust capacity	20L
Vacuity	≥10Kpa
Air flow	10L/s
Battery	
Battery voltage	20VDC
Battery capacity	2.0Ah
Charger	
Input Voltage	100-240VAC 50/60Hz
Output Voltage	21.5VDC
Rated output current	1.5A
Charging Time	85 minutes fast charging(2.0Ah battery)
Protection class	□

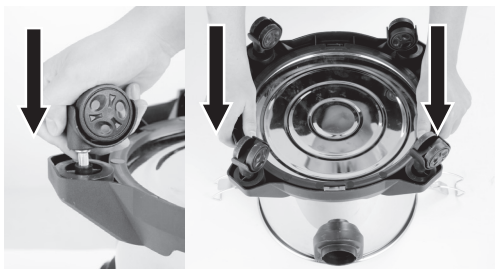


FUNCTIONS

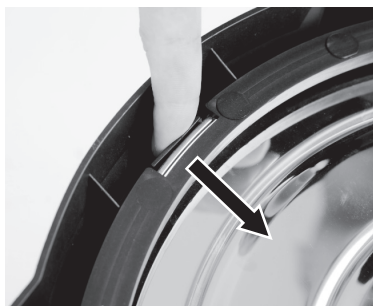


ASSEMBLY

1. Assemble the wheels to vacuum cleaner base tightly (4pcs).



2. Fit the base to the bottom of the vacuum cleaner as the picture shows, and press the joints in 4 directions.



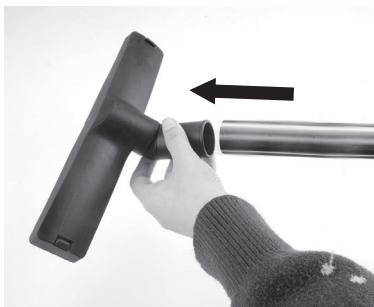
3. Connect the plastic hose end with the suction port, and turn it clockwise as the picture shows.



4. Insert the handle into the Metal telescopic tube; make sure the connection is tight enough.



5. Connect the floor brush with the Metal telescopic tube.



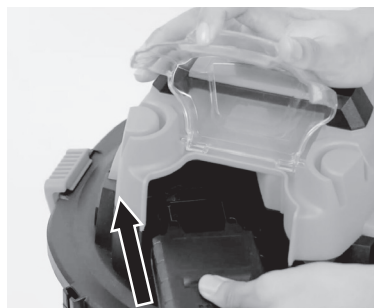
6. Fit the HEPA filter as the picture shows; turn it clockwise to lock.



7. Fasten the clips.



8. Plug in the battery cartridge.



9. Close the waterproof cover.



10. Press the switch to start the cleaner.
'I' stands for 'on'; 'O' stands for 'off'.



OPERATION

Before operating this machine, please make sure that the corresponding filters are fitted properly according to different cases.

All the filters are consumables. Please contact with your local stores for buying the necessary spares.

DRY VACUUM CLEANING

1. Ensure the HEPA filter is always fitted before starting the vacuum cleaner.

You can match different filters for better filtration.

Examples:

a. HEPA filter b. Sponge filter

2. Once the tank is full we recommend the tank to be emptied and cleaned or the dust bag, replaced.

3. Remember to clean the filters accordingly for keeping good suction.

WET VACUUM CLEANING

1. For cleaning sweage with little and big trash mixed, please fit the sponge filter.

2. For sucking trash with little liquid mixed, please fit the sponge filter + HEPA filter.

3. The paper bag is not advised when cleaning things with liquid.

4. Clean the tank after each use. Avoid leaving dust or liquid in the tank. Wipe the machine inside and the surface from time to time, with only lukewarm water.

5. Do not leave any liquid on the battery connector!

MAINTENANCE

ATTENTION:

TAKE OUT THE BATTERY CATRIDGE BEFORE DOING ANY MAINTENANCE WORK.

IF PROPER CARE IS TAKEN TO MAINTAIN YOUR CLEANER, MOTOR MAINTENANCE IS UNNECESSARY.

HOWEVER WE RECOMMEND THAT YOUR CLEANER IS SERVICED ONCE A YEAR.

A. Cleaning of filters

4. Wash the filters with water (at 40°C max).

When washing sponge filter / HEPA filter, please be gentle and avoid brushing it, as they can be hurt easily in this way.

5. Remember to dry the filters for at least 24 hours before reusing them.

You can buy extra filters for replacing in this case.

Please contact with your local stores.

B. Cleaning of accessories

1. Wash the plastic hose, the plastic tubes and the wet&dry floor brush regularly, in case of any trash clogging them.

2. Shake off the water left inside after cleaning, and make sure they are dried for at least 24 hours.

C. Cleaning of tank

1. Wipe the tank inside with duster cloth; cleaning out the liquid inside.

TROUBLESHOOTING

problem	Possible cause	Remedy
Suction weakens	Clogged filter	Clean dirt from filter. If condition continues, change the filter.
	Air leak	Check the connection of all the accessories (floor tool, hoses, etc.). Check that clips are fastened properly.
	Obstruction in hose or floor tool	Check floor tool, hose, etc. for obstructions, and remove if present.
	Saturated filter	Replace saturated filters.
Dust leakage	Filters are not fit well	Check if the filters are fit in the right position.
Machine doesn't work.	Battery is not well charged	Check if there's any power left in the battery; Or charge the battery.
	Motor breaks down	Send the cleaner to your local stores for repairment.

CE DECLARATION OF CONFORMITY

WE

SUZHOU TOLSEN TOOLS CO.,LTD.
198 HUASHAN ROAD, ZHANGJIAGANG,
JIANGSU, CHINA

Declare that the product
96128/96528
LI-ION CORDLESS VACUUM CLEANER

Low Voltage Directive: 2014/35/EU

Standards and technical specifications referred to:

EN 62233:2008
EN 62841-2-11:2016+A11:2024
EN IEC 55014-1:2017+A11:2020
EN IEC 55014-2:2021
the EMC Directive:2014/30/EU

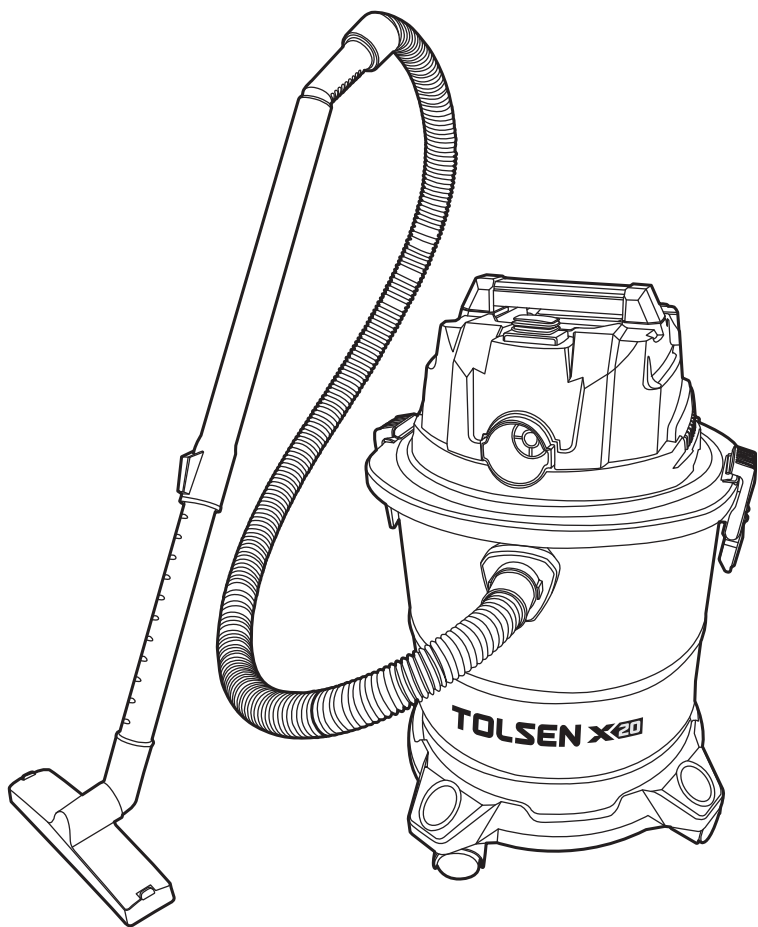
Authorised Signatory and technical file holder

Signed for and on behalf of:

SUZHOU TOLSEN TOOLS CO.,LTD.
198 HUASHAN ROAD, ZHANGJIAGANG,
JIANGSU, CHINA

WANG QING
Group Quality Director
on:07/02/2025





**SUZHOU TOLSEN
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