



T260

BATTERY FLOOR SCRUBBER

OPERATOR'S MANUAL (EN)

Model Part No.:

SCN8000100E01- SCRUBBER [T260 EU220V, 50CM PAD ASSIST, BATT, PD,BR]
SCN8000100E10- SCRUBBER [T260 AM110V, 50CM PAD ASSIST, BATT, PD,BR]
SCN8000100E20- SCRUBBER [T260 IT220V, 50CM PAD ASSIST, BATT, PD,BR]
SCN8000100E40- SCRUBBER [T260 UK220V, 50CM PAD ASSIST, BATT, PD,BR]
SCN8000100E50- SCRUBBER [T260 AM220V , 50CM PAD ASSIST, BATT, PD,BR]
SCN8000100E60- SCRUBBER [T260 TH220V , 50CM PAD ASSIST, BATT, PD,BR]
SCN8000100E70- SCRUBBER [T260 SA220V , 50CM PAD ASSIST, BATT, PD,BR]



APEX

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Rev. 00 (06-2022)



**FOR SAFETY LABEL -
Read manual before
operating machine.**

This manual provides necessary Machine Operation and maintenance instructions. Before operating or using this machine, please read and understand this manual.

Each new model also comes with a complete illustration manual of spare parts, which is used to replace parts. To ensure timely delivery, please follow the "Parts Ordering Approach" instructions in the spare parts manual. This machine can provide efficient service. According to the following points, the best results will be obtained at the lowest cost:

- Operate the machine carefully.
- Regularly maintain the machine in accordance with the maintenance instructions provided in the operation manual.
- Repair with original factory parts or equivalent parts.

Parts and supplies can be ordered online, by phone, fax or email.

Protect the Environment

 Please follow your local waste disposal laws and regulations, and on the premise of maintaining environmental safety, discard packaging materials, batteries and other old machine components, antifreeze, oil and other toxic liquids.

 Make sure it is recycled.

Machine Data

Please fill in during installation for future reference.

Model Number - _____

Machine Serial Number - _____

Machine Options - _____

Sales Representative - _____

Sales Representative Phone - _____

Customer Number - _____

Installation Date - _____

CONTENTS

Safety Precautions	4	Weekly Maintenance	27
Security Label	7	Maintenance Every Six Months.	28
Machine Components	8	Squeegee Blade Replacement.	29
Console Symbol	9	Move the Machine	30
Machine Installation	10	Store the Machine	30
Unpack the Machine.....	10	Troubleshooting	31
Install the Battery	11	Power Charger Fault Code	32
How the Machine Works	12	Specifications	34
Brush and Scouring Pad Information .	12	General Machine Size/Capacity.....	34
Machine Installation	13	Type.....	35
Connect the Squeegee Assembly	13	Machine Size.....	35
Installing the Brush/Scouring Pad.....	14		
Pour the Solution into the Solution Tank..	15		
Machine Operation	15		
Check Before Operation.....	15		
Start the Machine	16		
During the Operation of the Machine	18		
Battery Meter	18		
Overload Reset Switch	19		
Timer	19		
Water Tank Drainage	20		
Discharge Recovery Tank	20		
Drain Solution Tank	21		
Charging the Battery	21		
Battery Charger Specifications	21		
Use Battery Charger	22		
Installation and Use of Battery	22		
LED Lights Indicate Working Status	23		
Machine Maintenance	24		
Daily Maintenance	24		

Safety Precautions

The following symbols are used throughout this manual as indicated in the descriptions:



Warning: To warn of hazards or unsafe practices that could result in severe personal injury or death.

FOR SAFETY: To identify actions that must be followed for safe operation of equipment. The following information signals potentially dangerous conditions to the operator or equipment. Read this manual carefully. Know when these conditions can exist. Locate all safety devices on the machine. Then, take necessary steps to train machine operating personnel. Report machine damage or faulty operation immediately. Do not use the machine if it is not in proper operating condition.



Warning: Lead acid batteries may generate explosive hydrogen gas during normal operation. Keep sparks, flames, and smoking materials away from batteries.



Warning: Flammable materials can cause an explosion or fire. Do not use flammable materials in tanks.



Warning: Flammable materials or reactive metals can cause an explosion or fire. Do not pick up.

FOR SAFETY:

- Do not operate machine:

- Unless trained and authorized.
- Unless operation manual is read and understood.
- After the intake of alcohol and drugs.
- When using a mobile phone or other types of electronic equipment.
- Not in proper working condition.
- In areas with flammable steam/liquid or dust.
- In the areas under darkness and cannot safely view and control or operate machine, unless operating or already turning on the lights.
- In areas with possible falling objects, unless equipped with ceiling.

2. Before starting machine:

- Check whether the machine has a liquid leakage.
- Keep sparks and flames away from the refueling area.
- Make sure all safety devices are in place and operate properly.

3. When using machine:

- Operate only following this manual.
- Go slow on inclines and slippery surfaces.
- Slow down when turning.
- Make sure the operator whole body is in the operating console during the machine running.
- Be very careful when backing up the machine.
- No children playing on or near the machine is allowed.
- Do not carry passengers on the machine.
- Always follow safety and traffic rules.
- Report machine damages or failure operations immediately.
- Follow mixing, handling and scrapping instructions on chemical containers.
- Follow relevant safety guidelines for wet floor.
- Follow relevant onsite safety guidelines for wet floor.

4. Before leaving or Servicing machine:

- Stop on level surface.
- Turn off machine and remove key.

5. When servicing machine:

- All work must be carried out under good lighting conditions, high visibility environments.
- Avoid moving parts. Do not wear loose clothes and jewelry, tied long hair when working on machine.

-
- Do not power up the spray or hose down the machines near electrical components.
 - Disconnect battery connections before working on machine.
 - Battery must be installed by trained operator.
 - All servicing must be operated by trained technician.
 - Do not make any change on original design for machine.
 - Use manufacturer supplied or equivalent replacement parts.
 - Wear necessary and recommend protective equipment on this manual.

For safety consideration: wear hearing protection.

For safety consideration: wear protective gloves.

For safety consideration: wear eye protection.

6. When loading/unloading machine onto/off truck or trailer:

- Drain tanks before loading machine.
- Lift up the brush and squeegee before turning off machine.
- Turn off machine and remove key.
- Use ramp truck or trailer that can support the machine weight and operator.
- Use pallet. Do not push machine up/down to truck or trailer unless the loading height from ground less than 380mm(15in).
- Block machine tires.
- Tie machine down to truck or trailer.



FOR SAFETY LABEL -
Read manual before
operating machine.

INTENDED USE

The walk- behind floor scrubber is intended for commercial use, for example in hotels, schools, hospitals, factories, shops, offices and rental businesses. It is designed to scrub hard floor surfaces (concrete, tile, stone, synthetic, etc.) in an indoor environment. Do not use this machine on carpeted surfaces. Use only recommended pads/brushes and commercially available floor cleaning detergents. Do not use this machine other than described in this Operator Manual.



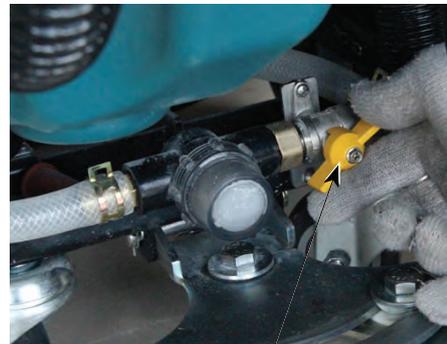
Security label

The security label will be marked on the machine according to the indicated position. If the label is missing, damaged or illegible, please replace the label.

T260 MACHINE COMPONENTS



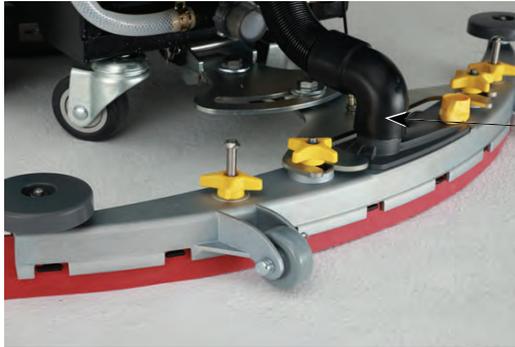
1. Recovery tank cover
2. Clear water inlet
3. Brush plate motor
4. Brush plate
5. Waterproof skirt
6. Big casters
7. Squeegee assembly
8. Charger interface
9. Squeegee lifting handle
10. Squeegee lift pedal
11. Drainage hose
12. Energy-saving mode switch
13. Water tank outlet



12



13



14

14.Suction pipe
15.Clean water filter
screen



15

Operation panel/control and instrument



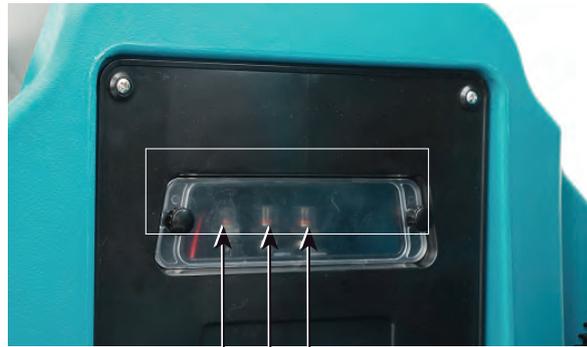
Brush plate switch

Electricity meter/Work Timing



Power cord negative
(black)

Power cord positive
(red)



1 2 3

- 1 Brush plate reset switch
- 2 Water suction reset switch
- 3 Control circuit reset switch

Machine Installation

Unpack the Machine

1. Check carefully whether there is any damage on the machine packing box. If there is any damage, please report it to the carrier immediately.

2. Check the shipping content list, if there are any missing items, please contact the dealer.

Freight Content:

- 2-12 volt battery
- 220v, 15A smart charger
- Ø 6 square wire, 36 cm long battery wiring
- 4 plastic sleeves for battery wiring
- One squeegee assembly
- Two pad holders and one brush plates
- One brush plate.

3. Before unpacking the machine, please first remove the iron fixing parts on the casters. With the assistance of others, please carefully unload the machine from the shelf.

Note: If the loading and unloading platform is not used, please do not push the machine directly, so as to avoid damage to the machine.

Install the battery

For safety: when repairing the machine, please wear protective gloves and eye protection equipment when handling the battery and battery wiring.

Recommended battery specifications:

Two 12 V, 135AH/C20 maintenance-free batteries.

The maximum volume of the battery: 332 mm X 176 mm X 214 mm.

1. Park the machine on a level ground, turn off all power switches and take out the key.

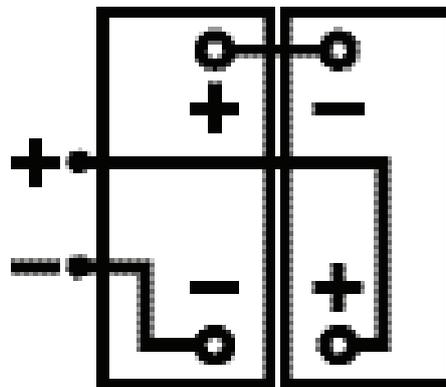
2. Raise the recovery tank so that the battery compartment can be reached. (As shown below).



3. Carefully install the battery in the battery compartment, and arrange the battery terminals as shown in the figure below (Figure 2)

4. Connect the battery wiring to the battery terminal, as shown in the figure (as shown below)

Connect red to positive (+) and black to negative (-).



How the Machine Works

Cleaning Method:

Water and detergent flow to the brush plate and the ground through the water valve and solenoid valve. Use detergent and water to clean the floor by rotating the brush plate. When the machine is moving forward, the generated dirty waste water is sucked into the recovery tank through the squeegee assembly and the vacuum motor.

Brush and Scouring Pad Information

To ensure the best results, please use the appropriate type of brush when cleaning.

The brushes and scouring pads recommended for GM45B are as follows:

Brush plate: 470mm 17.5" Malish scrubbing brush

Polishing pad (white)-used to maintain a highly smooth or polished floor, and drain the water first, then clean it to prevent scratching the floor.

Cushion pad (red)-used to scrub light dirt without hurting the ground.

Scrub pad (blue)-used to scrub moderate to heavy dirt. Wipe away dirt, stains and wear marks, and make the floor surface clean for recoating.

Sanding pad (brown)-used to remove the coating on the floor surface for recoating.

Gravity sanding pad (black)-used for strong removal of heavy coatings or substrates, or for super-strong scrubbing.

Machine Installation

Connect the Squeegee Assembly

1. Park the machine on a level ground and turn off all power.
2. Raise the squeegee bracket (as shown in the figure below).



3. Install the squeegee assembly on the squeegee mounting bracket (as shown in the figure below). Be sure to put the tightening knob completely into the slot before tightening the knob.



4. Connect the suction pipe to the squeegee assembly. As shown in the figure (as shown in the figure below).



Installing the Brush Plate

For safety: Before installing the brush plate or pad holder, please park the machine on a level ground, turn off all power switches and remove the key.

1. Park the machine on a level ground and turn off the power.

2. Step down the pedal of the brush plate motor and move it to the right (as shown by the arrow) to raise the brush plate motor (as shown in the figure below).



3. Place the brush plate in the center of the brush plate cover, hold the brush plate upward with both hands in balance, and put one pin on the brush plate into the brush buckle installation hole through the observation port, and shake it from side to side, so that the other two pins also enter the hole of the brush buckle. When the brush plate is balanced, then immediately forcefully rotate counterclockwise, and snap into the brush buckle by inertia (as shown in the picture below).



Pour the Solution Into the Solution Tank

The front of the machine is equipped with a bucket water injection hole, and the solution is injected into the solution tank (as shown in the picture below).



For scrubbing method: use warm water (maximum 60°C). Pour the recommended detergent into the solution tank for mixing.

Note: If you pour the solution into the solution tank with a bucket, make sure that the bucket is clean. Do not use the same bucket for filling solution and discharging waste water.

Note: For scrubbing method, please always use the recommended commercial detergent. If the machine is damaged due to improper use of detergent, (remember not to use granular detergent, such as washing powder), the manufacturer will not be responsible for the warranty.

Warning: Pay attention to the risk of fire or explosion, and do not use flammable liquids.

For safety: When using the machine, please follow the mixing ratio and the instructions on the chemical container.

Machine Operation

For safety: do not operate the machine before reading and understanding the operation manual.

Warning: watch out for fire or explosion hazards. Do not operate the machine near or in a place with flammable liquid, gas or flammable dust.

Check Before Operation

- Clean up the solid garbage on the ground.
- Check the battery capacity scale of the battery meter (refer to "Battery Meter" on Page 18).
- Check the wear condition of the brush.
- Check the wear condition of the squeegee blade and adjust the angle appropriately.
- Make sure that the recovery tank is empty and the collection basket is clean and well-installed.

Start the Machine

1. Start the power supply and turn on the main power switch (as shown in the picture below).



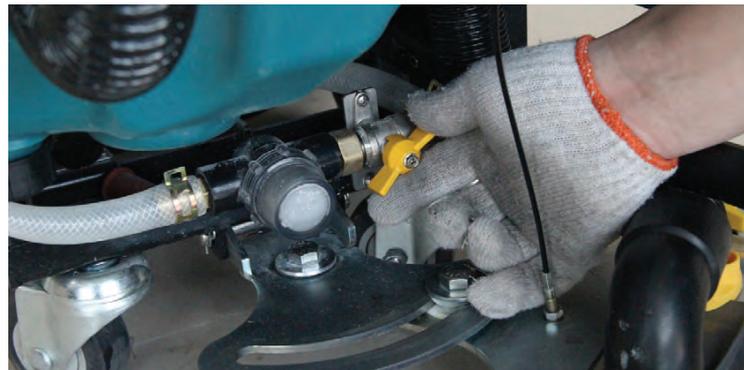
2. Step on the lifting pedal of the brush plate and move to the left (as indicated by the arrow), and turn on the brush plate switch (as shown in the picture below).



3. Put down the lifting handle of the squeegee to make the squeegee assembly to the ground (as shown in the picture below), and the water suction motor works.



4. Manually adjust the valve, adjust the amount of water output. After adjusting it to the appropriate position, push the machine to start cleaning (as shown in the picture below).



5. To stop the cleaning switch, please turn off the brush plate, raise the brush plate. After the scrubber walks for a certain distance, raise the squeegee lifting handle to make the squeegee in the raised state, and then turn off the main power switch.



During Machine Operation

Warning: To avoid the risk of fire or explosion, do not pick up flammable materials or reactive metals.

For safety: When using the machine, please walk slowly and wear non-slip shoes when encountering slopes and slippery surfaces.

1. Each cleaning path overlaps by 5 cm.

2. Keep the machine moving so as not to damage the ground.

3. Clean the cleaning area beforehand to avoid. If there are drag marks on the floor after the squeegee absorbs water, please wipe the blade with a rag to remove the garbage.

4. Do not operate the machine on a slope with a slope of more than 2% .

5. If there is too much foam, please pour the recommended commercial defoamer into the recovery tank.

Note: Do not let bubbles enter the debris filter in the recovery tank to avoid damage to the suction motor.

6. For extremely dirty areas, please use the double cleaning method to clean. Raise the squeegee for cleaning, let the solution soak for 3-5 minutes, then lower the squeegee and clean it again.

7. When the staff leave the machine, please raise the squeegee and brush plate, turn off all power switches and remove the key.

Battery Meter

The battery meter shows the power of the battery. When the battery is fully charged, all indicator lights are on. As the power is consumed, the indicator lights will turn off from right to left(as shown in the figure below)

Note: In order to extend the life of the battery, please be sure to charge the battery in time after the machine is used.

The power is divided into 7 grids, all of which are green, and decrease as the power decreases. When the battery is completely out of power, it will prompt A03 warning. Please push the machine to the charging area to charge the machine immediately.



Charging Power Display

Overload Reset Switch

The machine is equipped with a resettable overload reset switch to avoid damage to the brush plate motor. The overload reset switch is shown in the figure (as shown below).

When the overload reset switch triggers a power trip, please determine the cause of the power trip and let the motor cool down, and then manually press the overload reset switch button.

If the machine needs to be repaired, please contact an authorized service center.



Timer

The timer will record the total number of hours that the brush plate motor is turned on. Please use the timer to determine when the recommended maintenance procedures should be performed and record the maintenance history (as shown in the figure below).



Indicates the total hours

Water tank drainage

The recovery tank should be drained and cleaned after each use.

For safety: Before leaving or repairing the machine, park the machine on a level ground, and then turn off the power switch of the machine.

Discharge Recovery Tank

1. Transport the machine to the drainage location and turn off the power.
2. Hold the drain pipe with the mouth upwards, remove the pipe cap and drain the water (as shown in the figure below).



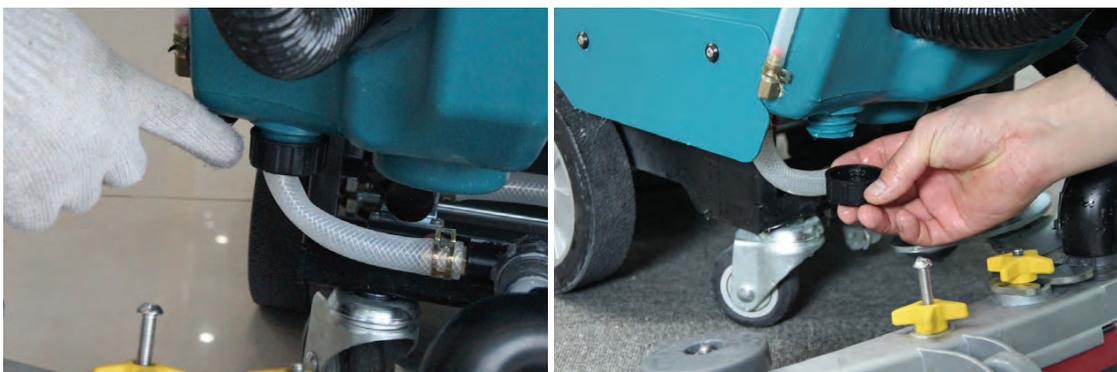
Note: When using buckets to hold discharged waste water from the recovery tank, do not use the same bucket to pour solution into the solution tank.

3. Disassemble and flush the debris collection basket located in the recovery tank (as shown in the picture below).



Drain Solution Tank

To drain the remaining water in the solution tank, open the drain cover of the solution tank (as shown below).



Battery Charging

The following charging instructions apply to the charger that comes with this machine.

Note: In order to extend the life of the battery, please be sure to charge the battery in time after the machine is used to prevent damage to the battery due to long-term loss of power.

Battery Charger Specifications

- Charger type: fully automatic intelligent charger
- Maintenance-free battery
- Output voltage -24V
- Capacity -15Ah

Battery Charger Use

For operating instructions of the battery charger, please refer to the battery charger manual provided with the charger.

1. Move the machine to a well-ventilated place.

Warning: watch out for fire or explosion hazards. For safe use, please keep away from sparks or open fire sources.

2. Park the machine on flat and dry ground, raise the squeegee and brush plate, turn off all power switches and remove the key.

3. Insert the charger plug into the charging port of the machine and make sure that it is firmly connected.

4. Plug the AC (alternating current) power cord of the charger into a well-grounded power outlet.

Note: Once the battery charger is connected, the machine will no longer work.



Note: During the charging of the charger, please do not unplug the DC cable of the charger from the socket on the machine. In order to avoid arc discharge. If charging must be suspended during charging, please unplug the AC power cord first.

Precautions for Battery Installation and Use

1. Before using the battery, check whether each battery is damaged, clean, and clearly marked, and clean the surface of the battery with a dry cloth; check the open circuit voltage of the battery, whether the positive and negative poles are clearly marked, and whether there is reverse polarity.

2. According to the requirements of the drawing, the battery shall be installed upright and not upside down. The distance between adjacent batteries shall be at least 5mm. After the installation is complete, check whether the positive and negative poles of each battery are correct according to the requirements of the installation drawing, and then connect each battery to the entire set with wires.

3. After all the batteries are installed, check whether each connection part is loose. When tightening the connection, remember do not use too much force or it will damage the pole. Generally, the tightening force should be no more than 15N•M.

4. When installing the battery in the whole vehicle, adjust the plug between the batteries to make the battery in an upright position and tighten the battery to prevent the battery from shaking and collision.

5. Electric door locks, fuse holders, etc. must be isolated from the battery during periods that are prone to sparks.

6. The battery leaves the factory in a charged state, and usually the user can directly load it into the machine. If the battery is left for a long time (more than 2 months), it should be charged according to the charging method before use.

7. The battery should not be close to fire and heat sources. It is strictly forbidden to expose to direct sunlight in hot summer, and avoid violent vibration, collision and short circuit of the positive and negative electrodes of the battery.

8. The battery capacity is based on the ambient temperature of 25°C. The battery capacity will decrease by about 1% every time the temperature drops by 1°C. The influence of temperature should be considered during use, and the use of the battery in an environment below -10°C should be avoided.

9. The battery must not be disassembled at will in order to avoid danger.

10. Used batteries must be recycled and should not be discarded at will, which may affect the environment.

11. When charging, pay attention to the battery temperature change to prevent overheating and damaging the battery, which may cause danger.

12. The battery must avoid working under long-term power loss, and the battery must be fully charged before use.

13. Remember not to charge the machine frequently or let the machine frequently work under power-deficient conditions, it is easy to damage the battery, and the manufacturer is not responsible for the battery damage caused by this kind.

Working Status of LED Indicator Light of Smart Charger

STATUS	LED (RED)	LED (YELLOW)	LED (GREEN)
STANDBY	ON	OFF	OFF
CHARGE BELOW 50%	FLASH	OFF	OFF
CHARGE 50%-75%	OFF	FLASH	OFF
CHARGE 75%-100%	OFF	OFF	FLASH
100% FULL	OFF	OFF	ON

Machine Maintenance

To keep the machine in the best working condition, it is necessary to strictly follow the daily and weekly maintenance procedures.

Warning: pay attention to the risk of electric shock. Turn off the machine power switch.

Daily maintenance (after each use)

1. Drain and clean the recovery tank (as shown below).



2. Clean the collection basket (as shown below).



3. Step on the brush plate lifting pedal and move it to the right to lift the brush plate, turn off the brush plate switch, manually remove the brush plate, rotate the brush plate clockwise, and remove the brush plate with inertia and instant force (as shown in the picture below).





4. Clean the squeegee blade (as shown below). Place the squeegee in a raised position to prevent damage to the blade.



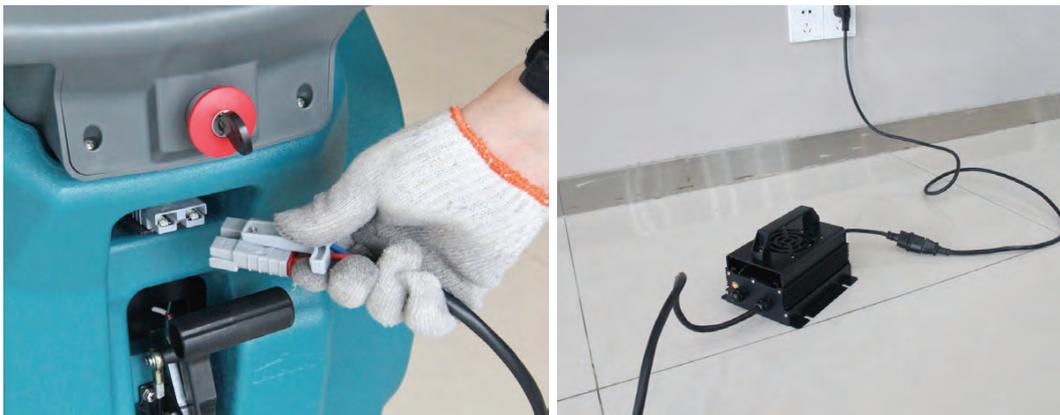
5. Check the wear condition of the edge of the squeegee blade (as shown in the picture below). If it is worn out, please switch the two ends of the blade. (Refer to "Squeegee blade replacement" on page 29)



6. Wipe the machine with a multi-purpose detergent and a damp cloth (as shown below). For safety: When cleaning the machine, do not use high-pressure spray or water pipe to flush the machine, which may cause electrical system failure.



7. In order to prolong the life of the battery, please charge the battery in time after the machine is used to prevent damage to the battery due to power loss (as shown below).



Weekly Maintenance

1. Remove the filter screen of the solution tank from under the machine and clean it (as shown below). Make sure to empty the solution tank before removing the filter screen.



2. Clean the top of the battery to prevent electrode corrosion, and check whether the battery wiring is loose (as shown below).



Maintenance every six months: check the circuit system of the machine.

Maintenance Table

The table below indicates who is responsible for each procedure

O=Operator

T = Specially Trained Personnel

Interval Period	Responsible Person	Description	Procedure
Daily	O	Brush Plate/Pad Holder Scouring Pad	Check the Height of the Brush Plate/Pad Holder
	O	Recovery Tank	Check for Damage and Wear or Debris
200 Hours	T	Maintenance-free Battery Electrodes and Wiring	Check and Clean
500 Hours	T	Vacuum Motor	Check the Motor Carbon Brush (Check Every 100 Hours After the First 500 Hours of Operation)
	T	Brush Plate Motor	Check the Motor Carbon Brush (Check Every 100 Hours After the First 500 Hours of Operation)
	T	Big Casters	Check for Damage and Wear

Note: More frequent maintenance may be required under extreme dusty conditions.

Squeegee Blade Replacement

Each squeegee blade has four sides. When the blade is worn, you only need to exchange the two ends of the blade and use the other intact surface. If all four edges are worn, replace the blade.

1. Remove the squeegee assembly from the machine (as shown below).



2. Unscrew the two yellow nuts on the outside and turn them to the top. Turn the squeegee over and take out the blade (as shown in the figure below).



3. The blade is available on all sides. According to the wear condition of the blade, the blade can be replaced in the left and right directions for the first time to ensure that the blade hole is aligned with the buckle. After it is worn again, the blade can be exchanged up and down, the third time it can be exchanged left and right, and then the blade can be replaced. (As shown below).



Moving the Machine

When using a truck or trailer to move the machine, be sure to follow the following strapping procedures:

1. Raise the squeegee and brush head.
2. Use the recommended loading dock to load the machine.
3. Place the front of the machine close to the front of the truck or trailer. After the machine is stable, lower the brush head and squeegee.
4. And place an obstacle behind each drive wheel to prevent the machine from sliding.
5. Use ropes to secure the top of the machine to prevent tipping. Brackets must be installed on the deck of the truck or trailer.

For safety: When moving the machine, please use the recommended loading dock to load and unload by truck or trailer. Use ropes to secure the machine to the truck or trailer.

Store the Machine

1. Charge the battery before storing. Do not store when the battery is exhausted. If the storage period is long, please make sure to charge the battery every 2-3 months to avoid long-term damage to the battery.
2. Drain the water in the water tank and rinse thoroughly.
3. Store the machine in a dry place, and the squeegee and brush plate should be kept in the raised position.
4. Open the recovery tank cover to facilitate ventilation.

Note: Do not expose the machine to rain, it should be stored indoors.

5. If storing the machine at freezing temperature, follow the antifreeze instructions below.

Antifreeze

Pour all 1 gallon (4 liters) of antifreeze into the solution tank without diluting it.

For safety: Avoid contact of antifreeze with eyes. Wear protective glasses.

Important: Before operating the machine, rinse the antifreeze in the solution tank.

Troubleshooting

Problem	Reason	Solution
The machine cannot be operated	The switch is not open or damaged	Turn on the switch or replace the switch
	The brush plate motor button is not open or damaged	Turn on the switch or replace the switch
	Motor switch handle malfunction	Replace the micro switch
	The battery is dead or damaged	Please charge the battery or replace the battery
	Overload reset switch tripped	Remove the short circuit fault and press the overload reset switch
The charger is not working	The plug is not connected to the power supply	Check plug connection
	Wrong connection of positive and negative wires	Correctly connect the positive and negative poles
	Charger failure	Refer to the charger fault code
Brush plate motor does not work	The brush plate rises from the ground or the brush plate motor button is damaged	Replace the micro switch of the brush plate motor
	Damaged motor switch	Replace the motor micro switch
	Overload reset switch tripped	Troubleshoot, press the overload reset switch
	Motor carbon brush wear	Please contact the service center
	Loose brush plate motor connector	Re-fix the connector
	Damaged brush plate motor	Replace the motor
The machine cannot advance	Universal wheel damage	Replace the universal wheel
	Large caster damage	Replace the damaged large caster
	The brush plate angle is incorrect	Re-adjust the brush plate angle
The suction motor does not work	The micro switch at the lifting pedal of the squeegee is damaged	Replace the micro switch
	The micro switch wire is off	Reinsert the thread
	The motor inching button is damaged	Replace the micro switch
	The suction motor is damaged	Replace suction motor
	Recovery tank is full	Drain waste water
Little water or no water outflow	Filter screen of solution tank	Clean the filter screen of solution tank
	Broken water valve switch	Replace water valve switch
	The solenoid valve goes wrong	Replace solenoid valve

Troubleshooting — Continued

Insufficient suction	The recovery tank is full or the suction pipe is broken	Drain the recovery tank or replace the suction pipe
	Drainage pipe cover is not sealed	Replace the drain pipe cover
	The debris filter screen in the recovery tank is blocked	Cleaning the debris filter screen
	Foreign matter in the seal of the drainage pipe cover	Remove foreign objects and re-cover the drainage pipe cover
	Squeegee blade is worn	Replace or exchange the squeegee blade
	The squeegee blade cannot be bent properly	Adjust the height of the squeegee blade
	The suction motor is damaged	Replace suction motor
Reduced operating time	Low battery	Battery charging
	Low battery	Please fully charge the battery
	Battery failure	Replace the battery
	Battery needs maintenance	Refer to "Battery Maintenance"
	Battery charger failure	Repair or replace the battery charger

Battery Charger Fault Code

Code	Malfunction	Solution
LED2 is green and flashing	Battery voltage is lower than 22V	Use 24V, 15-25Ah to charge for half an hour and then use the smart charger for daily charging.
	The battery is inverted, charging less than 22.4V	
LED2 lights up red	Battery voltage is lower than 12V	The battery connector is not connected properly; the battery wiring problem
Remarks	1. The liquid-filled charger cannot charge the maintenance-free battery, and it is easy to burn the charger	
	2. The maintenance-free charger can charge the liquid-filled battery, but cannot be fully charged	
	3. If the voltage is lower than 22V, the smart charger will not work	
	4. The above faults are all for the new battery, if the old battery needs to be replaced and maintained	
	5. Under normal circumstances, if the battery power is insufficient, the battery indicator on the operation interface of the machine will warn. Please charge in time. If the battery is not charged for a long time, the above failure will occur	

Specifications

General Machine Size/Capacity

Project	Size/Capacity
Length	1300mm
Height	1100mm
Width/Frame	545mm
Scrubbing Width	500mm
Suction Width	772mm
Brush Diameter	19.5"
Solution Tank Capacity	40L
Recovery Tank Capacity	45L
Without Standard Battery Components	71.5 Kg

Type

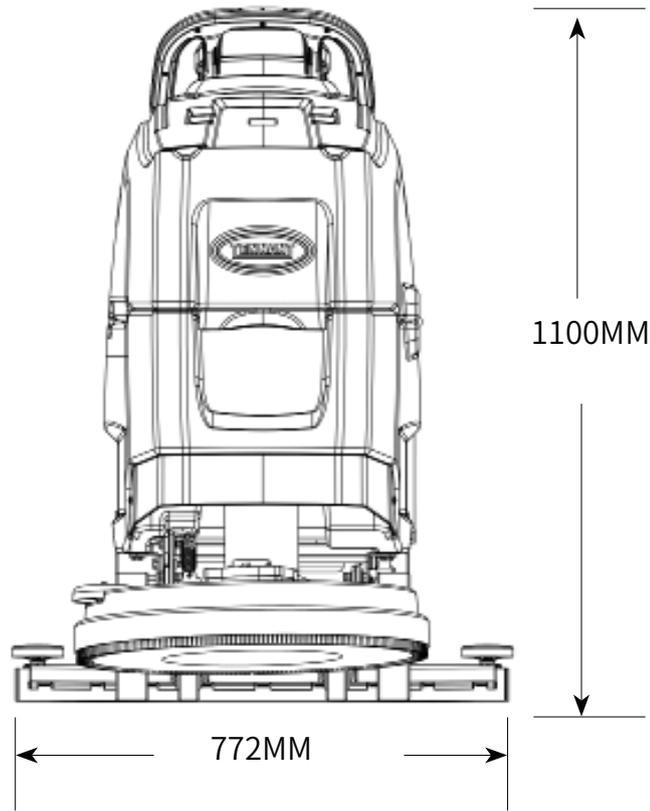
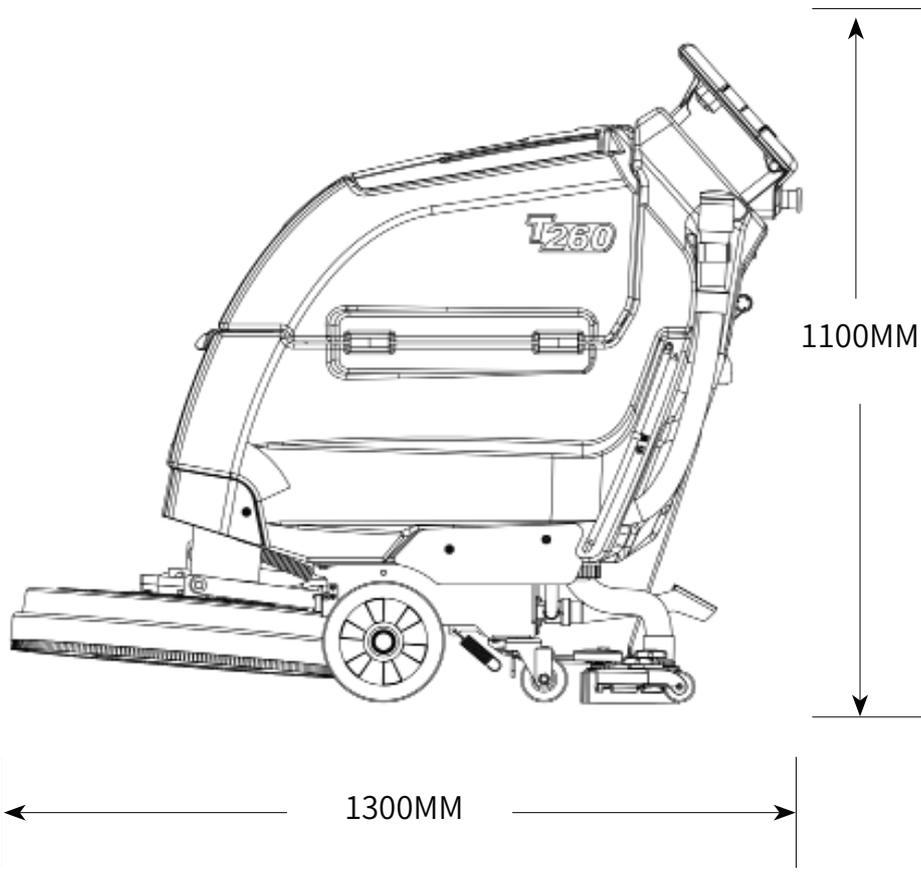
Type	Quantity	Voltage	Rated Current	Reference Weight
Battery (Standard)	2	24V	135AH/C20	70Kg

Type

Type	Use	VDC	KW (hp)
Electric Motor	Brush Plate Motor	24	0.55
	Water Suction Motor	24	0.4

Type	VDC	Ampere	Hertz	VAC
Charger (Smart Type)	24	15	50	220

Type	T260
Noise	72



Product Warranty Card(Main Card)

(The product warranty card is the main evidence for warranty service, Keep Properly

Warranty:

Within the warranty period, if any fault condition happens by normal use under the instruction of operation manual, it will be repaired for free. Please take the warranty card and purchasing invoice for free repair.

During the warranty period, if have any of below situation, it must charge for the repair:

1. Do not provide the original warranty card and purchasing invoice accordingly.
2. Any malfunction or damage caused by improper use, improper self repair or renovation on machine.
3. Any damage or broken caused during transportation, delivery or fallen down after buying.
4. Any malfunction or damage caused by use other undesignated power(voltage, hertz, etc) or unusual voltage.
5. Accessories like machine appearance, dust separator, filter, electric wire, soft hose and metal pipes etc.

Within the warranty period, machine will be repaired for free based on above agreed terms. Any losses due to the malfunction will avoid the responsibility of manufacturer.

User name: _____

Address: _____

Invoice number: _____

Date of purchase: _____

Machine sales unit: _____

Address: _____

Product Warranty Card (Vice Card)

1. Product information:

Product Model and Name: _____

Serial No: _____

2. User Information: _____

Final User Company: _____ Tel: _____

Address: _____ Fax: _____

E-mail: _____ Post Code: _____

3. Sales Company Information: _____

Sales Company Name: (Effective seal) _____

Address: _____

Contact: _____ Tel: _____

Post Code: _____ Sales Date: _____

In order to achieve the company's service commitment and improve customer services, the company will establish a customer information file in the computer system.

1. Fill the main and vice card of Product Warranty Card and send them back to the company customer service for file with in 1 month after buy.

The mail address is:

Hefei Gaomei Cleaning Equipment Co., Ltd

Add: Building 1, No. 501, Xiangpu Road, High-tech Zone, Hefei, China.

2. If the main card of Product Warranty Card or the purchasing invoice lost, still can inquire on the customer service file for legal rights.

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