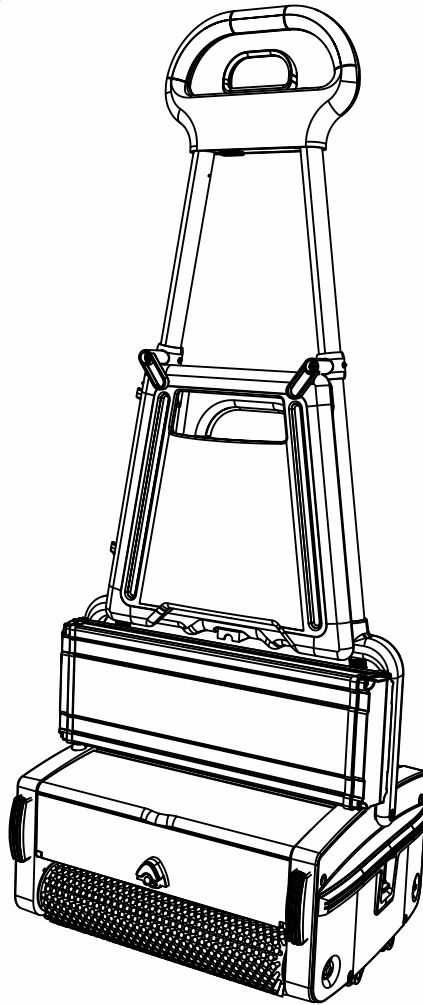


Wizzard/Pump/Battery

*Mini Floor Scrubber Drier
Battery*



ROOTS



24V

Operator's Manual

Read this manual completely and understand the instructions before operating the machine.
"English Version"

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IMPORTANT NOTE:

Roots Multiclean Ltd. (RMCL) is not liable for any legal claims that may arise as a direct or indirect result of the contents of this manual.

Roots Multiclean Ltd.
R.K.G. Industrial Estate, Ganapathy,
Coimbatore - 641 006, India.

P/N: 557250271-00, Rev: D, Date: 03/2018

Prepared by: KM-NPM TD Dept.

MACHINE DATA

Please fill at the time of installation for future reference:

Model No. - _____

Serial No. - _____

Accessories - _____

Installation Date - _____

TECHNICAL SPECIFICATION



Rated voltage - **24 V**

Rated current - **10 A**

Power consumption (max) - **300 W**



Runtime - **50 minutes**



Fresh water tank - **4 litres**



Brush speed - **400 rpm**

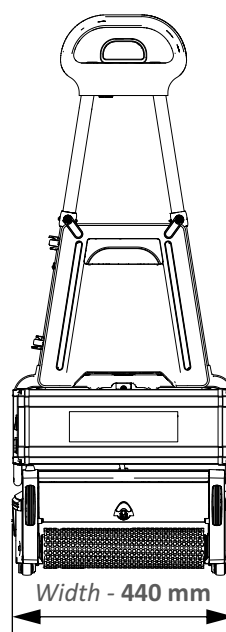
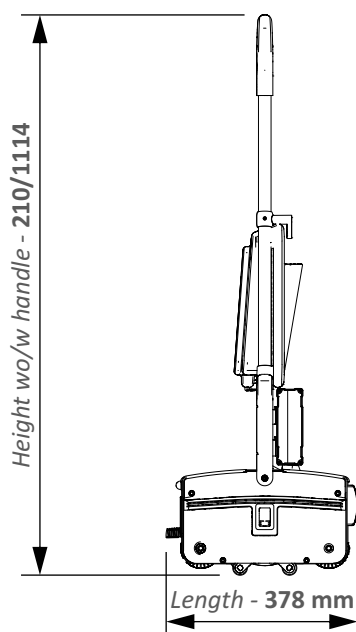
Scrubbing width - **315 mm**



Cleaning capacity
(Theoretical) - **350 m²/hr**



Weight - **25 kg**





PREFACE

Dear Customer,

We are pleased with your having chosen the **Wizzard Battery** machine for your floor cleaning requirements. Backed by our industry expertise that spans across decades, we assure you that the machine comes with our Roots promise of quality, efficiency and performance.

We advise you to carefully read through the instructions prior to the operation of the machine. This manual contains detailed instructions for the proper operation of the machine, along with important information regarding its handling, care, maintenance and service needs.

We are sure that you will find the machine and its performance to your utmost satisfaction. Once again, we thank you for choosing Roots Multiclean Ltd. (RMCL) as a trusted partner for your cleaning requirements and solutions.

USAGE, HANDLING AND MODIFICATIONS

Use of the product beyond the specified scope of functioning is deemed improper and the manufacturer cannot be held liable for any damages which may arise due to this.

This machine may be used only by persons who are trained or are familiar with the machine and are aware of the possible hazards involved. The appropriate Accident Prevention Regulations as well as applicable general regulations pertaining to Safety and Health at the work place must be adhered to by the user.

Modifications made to machine without the manufacturer's consent will relieve the manufacturer of responsibility and any possible liability for consequential damage.

NOTES ON DOMESTIC WARRANTY

Please refer to the **Limited Warranty card supplied along with the machine** for additional information. This Warranty Policy is applicable only for the product sold within India.

If the product requires repair or maintenance work to be performed, please ensure that you get the machine serviced from an authorised service center or dealer of RMCL to ensure that the warranty is not void.

ACCEPTANCE OF THE MACHINE

On arrival of the machine at the shipping address, please check for any damage that may have occurred as a result of transit. In the event of any such damage, the purchaser is bound by responsibility to send a claim letter to the concerned authorized branch/dealer with a copy of the invoice. The letter should be sent within 24 hours of receipt of the machine.

THE MANUAL

All information contained is without obligation. RMCL particularly reserves the right to modify any equipment, technical specifications, colours, shapes, materials and the like so as to adapt them to local conditions all without previous announcement and without giving reasons. RMCL may stop manufacturing certain models without previous notice.

The Operator's Manual corresponds to the latest information available for this machine at the time it was printed. Minor deviations resulting from enhancements of the design cannot be entirely represented.

The Operator's Manual is an integral part of the machine and must not be misplaced.

RMCL reserves the right to change the product or contents of this manual without prior information.

For Battery, Motors, Engines and other OEM components related kindly refer to their manufacturers manual supplied along with the machine for instructions regarding usage, maintenance and service.

NOTE: Illustrations shown in this manual are for representative purpose only. Actual product may vary.

CUSTOMER SUPPORT SYSTEM



CUSTOMER SUPPORT SYSTEM (CSS)

RMCL has a dedicated CSS Team to ensure prompt after sales service support. One call solution for all your complaints/concerns. Register your complaint or concern through the below toll free number for hassle free support. The customer support executive registers your complaint/concern and will keep you updated on the progress ensuring prompt closure.

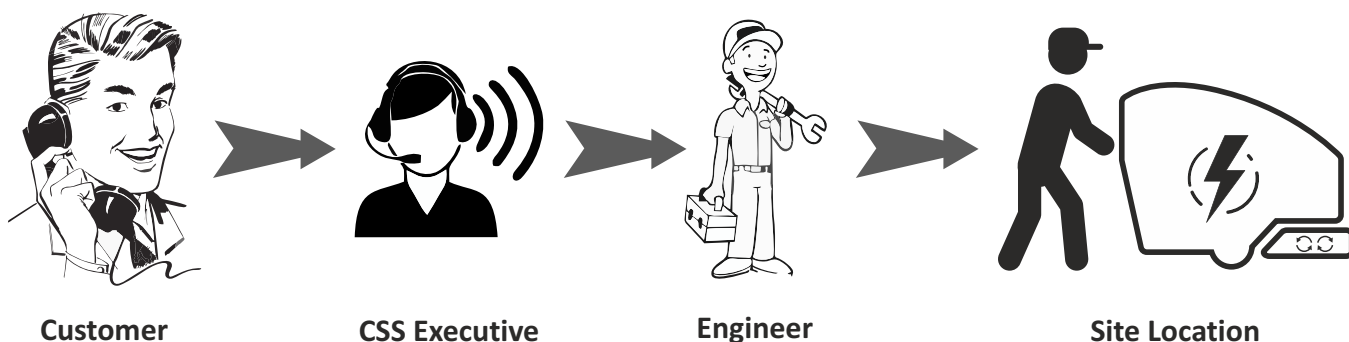
Toll Free Number:

1800 41 99 77 9

Our timings (Monday to Saturday):

8:00 am to 7:00 pm

Customer Support System Process



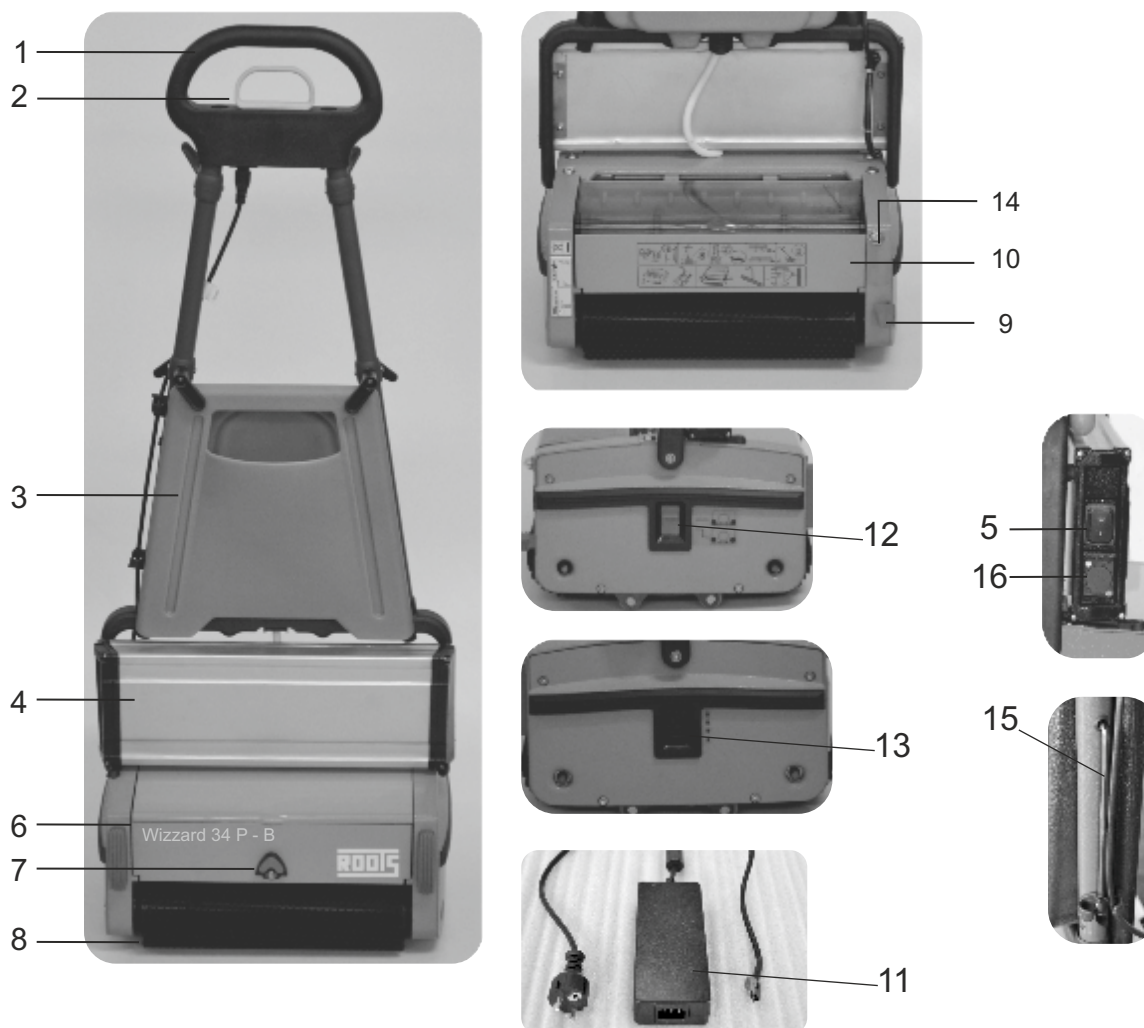
ANNUAL MAINTENANCE CONTRACT

AMC

AMC or Annual Maintenance Contract is a professional and timely maintenance cover offered by RMCL to its customers. AMC takes care of scheduled and preventive maintenance services. Equipment under AMC qualifies for agreed scheduled visits during the contract.

Advantages of AMC:

- ✓ Pan India network presence.
- ✓ Maximum equipment uptime.
- ✓ Focus on your business while we take care of your equipment.
- ✓ Well trained engineers to take care of the equipment.
- ✓ System driven scheduled periodic maintenance.
- ✓ Genuine spare parts.
- ✓ Toll free number assistance for breakdown.



- 1. Top handle
- 2. Pump on - off control handle
- 3. Tank fresh water
- 4. Battery pack
- 5. Battery switch
- 6. Pump housing
- 7. Nozzle
- 8. Brush

- 9. Pedal
- 10. Dirty water tank
- 11. Charger adapter
- 12. Mode selector
- 13. Brush pressure adjustment
- 14. Status LED
- 15. Allen key
- 16. Charging socket

SAFETY INSTRUCTIONS



SAFETY & WARNING SYMBOLS

All paragraphs in this manual referring to you personal safety, the safety of your machine and the environmental protection are attributed one of the following warning symbols:

Safety Provisions (persons and goods)



Safety provisions in dangerous situation caused by misuse inaccurate adherence of instruction or prescribed work routine.

Caution (the machine)



Important information on handling the machine in order to maintain operability.

Ecological Hazard (the environment)



Due to use of substances representing an inherent danger to health of environment.

Read Manual

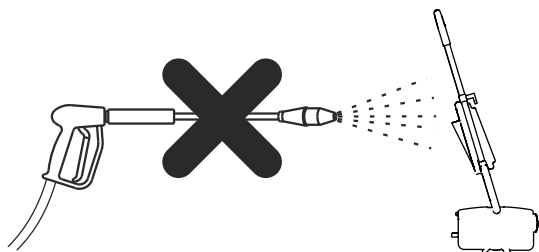


Prior to first operation, read the manual carefully and strictly comply with the instructions contained.

WARNING



DO NOT CLEAN THE MACHINE WITH A WATER HOSE OR HIGH-PRESSURE WATER JET (DANGER OF SHORT CIRCUITS OR DAMAGE TO MACHINE).



SAFETY INSTRUCTIONS

- Apart from information contained in this manual, generally applicable legal provisions for safety and prevention of accidents must be adhered to.
- Do not put this manual aside without having read it, even if you have already operated similar ground cleaning equipment before.
- Allow yourself the time to do so in order to save time at a later time.
- The operator is responsible for all persons in the working area.
- Children must be kept away from the machine during operation.
- No person must be allowed to stay in the zone of danger.
- The warning and instruction plates attached to machine give important advice on safe operation.
- Replace lost or illegible stickers.
- Before starting to work, the operator has to check that the machine and its working implements are in proper and safe operating condition.
- Machines with known defects must not be used.
- It is important for operators and all persons who use the product, to familiarize themselves with all accessories and controls, as well as their functions, before starting operations.
- Abiding by the above general instructions can help you avoid having to read this book while trying to run the machine.
- This machine must only be used for the manufacturer's approved application as described in this manual.
- The machine must be kept clean and in good condition with regular inspections of the battery charging lead and plug for signs of any damage. If any parts are damaged they shall only be replaced by an approved part by the manufacturer, its service agent or a similar qualified person in order to avoid a hazard.
- Only genuine accessories and spare parts provided with the machine or those approved by the manufacturer should be used. All repairs must be performed by a qualified service agent.
- This machine is for **WET** scrubbing only.
- Ground cleaning machines may be run by qualified personnel only.
- The machine may be used for cleaning such surfaces approved by the owner or this authorized representative.
- The operator must use the machine in accordance to its intended fields of application.
- During operation, the operator must take account of local conditions (stairs, obstacles) and of other persons, particularly children.

SAFETY INSTRUCTIONS



- This machine is for indoor use only and should not be used or stored outdoors in wet conditions.
- Do not operate the machine when connected to the mains electrical supply.
- Take care when using a machine near the top of stairs to avoid overbalancing.
- Keep hair, loose clothing, hands, feet and all other parts of the body away from openings and moving parts.
- This charger should always be connected to a fully earth power supply of the right voltage and frequency.
- When unplugging, pull the plug, not the charger supply cord.
- Unless charging, the plug of the charger supply cord must be removed from the socket-outlet when not in use and before commencing cleaning of the machine or undertaking maintenance operations.
- When working on the electrical system, always disconnect the battery cable.
- Battery may only be handled and changed by properly skilled maintenance personnel.
- Pay attention that the insulation of the charger cables are not damaged during the charging process.
- It is not permitted to use aggressive and corrosive cleaning agents.
- Never lay any metallic objects or tools on batteries. Risk of short circuit and deflagration!



Unless you are charging the machine; always remove the plug from the socket outlet. Keep the charger supply cord clear of moving parts.



Use only genuine spare brushes as specified by the manufacturer. Use of other than the indicated brush types may affect safety.



Never collect explosive fluids, undiluted acids and solvents. This includes e.g. gasoline paint thinners or fuel oil, which-when combined with air, may form explosive vapors or mixtures. Acetone, undiluted acids and solvents can be aggressive to the material used for the machine components.



The machine may be used only on indoor hard floorings and for operation on level grounds with a maximum inclination of upto 2%.



- **Do not clean the machine by means of vapor jet or high pressure cleaning equipment.**
- **Do not USE the machine on steps.**

- Use of the machine in areas prone to explosion hazards is strictly forbidden.



Do not direct water or other liquids into the control unit of your machine, risk of damaging the equipment or short circuit.

Spare Parts & Accessories:



WARNING

Only use accessories and spare parts which have been approved by the manufacturer. The exclusive use of original accessories and original spare parts ensures that the appliance can be operated safely and trouble free.

Equipments With Rotating Brushes:



DANGER

- Use only brushes that are provided with the machine or specified in the Operations Manual. The use of other brushes can affect the safety of the machine.
- Please keep in mind that the power cord or extension cable can be damaged when run over while operating the cleaning head with rotating brushes or the escalator itself.

Transport

Incorrect lifting techniques may result in personal injury. We advise that the manual handling regulations are followed. Carefully wrap the charger supply cord and store in dry indoor location. Do not expose the machine to rain or moisture.

DANGER - Do Not Scrub Or Vacuum:
Corrosive/Battery Fluids/Explosive/Flammable/
Magnetic/Radio-active/Biohazard Materials.



Safety Gear:

As necessary



SAFETY INSTRUCTIONS



SYMBOL & HAZARD PICTORIAL DEFINITIONS

 <p>Read the Operator's Manual</p>	 <p>General Warning</p>	 <p>Caution</p>	 <p>Ecological Hazard</p>
 <p>Toxic Hazard</p>	 <p>Do Not Use High Pressure Jets</p>	 <p>Do Not Use High Pressure Jets</p>	 <p>Disconnect Powercord</p>
 <p>Electrical Hazard</p>	 <p>No Smoking</p>	 <p>Do not let powercord come in contact with water or other fluids.</p>	

OPERATOR RESPONSIBILITY

The operator's responsibility is to take care of the machine's daily maintenance and routine checkups to keep the machine in good working condition.

The operator must also inform the supervisor when scheduled maintenance of the machine is to be carried out.



Read this manual completely and understand before operating this machine. Also ensure that the persons who are going to operate this machine have also read and understood the contents of this manual.

**Do not use this machine to collect any external water.
Do not use this machine as a vacuum cleaner.**

**This machine is intended to clean smooth, even floors in indoor areas.
This machine should not be used to clean rough uneven surfaces.**

Environmental Responsibility



The packaging material can be recycled. Please do not place the packaging into the ordinary refuse for disposal, but arrange for the proper recycling.

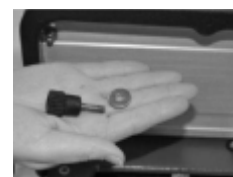
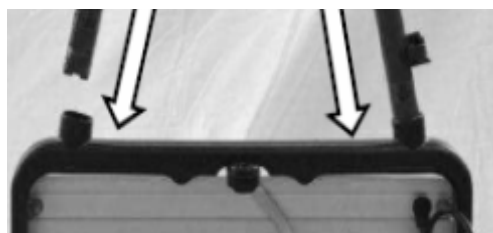


Old machines contain materials that can be recycled. Please arrange for the proper recycling of old machines. Batteries and actuators contain substances that must not enter the environment. Please dispose of your old machines, batteries and actuators using appropriate collection systems.

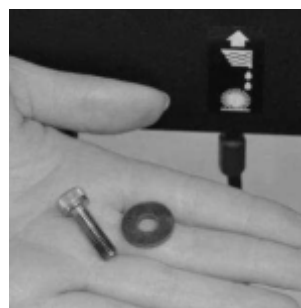
Machine Assembly & Operation



- Remove the retaining spring and place the handle in upright position.



- Insert the two pipe handles into the bottom handle and secure them using washer and knob (2 Nos) by tightening lightly. Ensure that the handles are assembled according to their marked position.



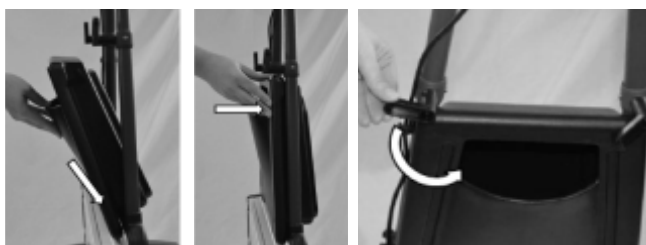
- Fit the top handle over the pipe handles and secure them with washer and screw (2 Nos). Ensure that the label on the top handle is facing the front of the machine.



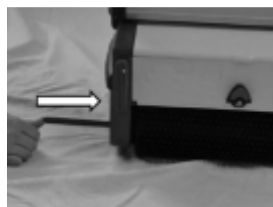
- Now tighten firmly both the knobs and screws alternately. Insert the dummy caps provided to cover the screws (2 nos) in the top handle.



- Pass the free end of the pull cable through the plastic guide in RH handle.
- Plug the cable to the top handle assembly.



- Install the fresh water tank in between the two pipe handles and secure it using knobs.



- Fix the two brushes using the brush shafts.



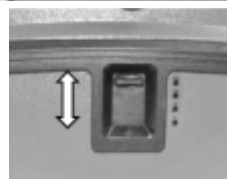
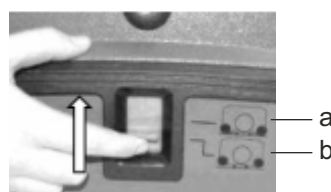
- Secure the allen key in the slot provided in the handle tube for further usage.



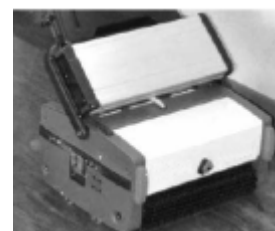
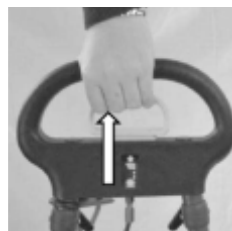
- Set the switch in ON position and connect the charger with battery.



- Connect the charger to the power supply.
- After 5 ½ hours the battery is fully charged.



- Slide this knob to TOP position (a) (Working Mode) to operate the machine. Slide this knob to BOTTOM position (b) to move the machine from one place to other place and to park the machine. By keeping the knob to top position (working mode) and move the machine to operate.



- The pull handle is used to spray fresh water in front of the machine.



- Slide this knob to BOTTOM position to move the machine to park. Remove the fresh water tank and clean it.



- Switch off the machine and remove the brushes.
- Clean the machine and brushes.

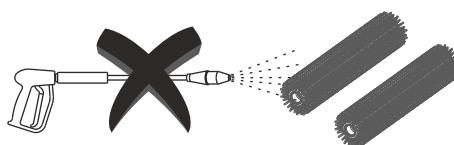


- Disconnect the battery from the machine and remove it.
- The battery can be charged separately.

MAINTENANCE



- ➔ Before removing the brushes from the machine ensure that the machine is switched off.
- ➔ Do not clean the brushes using a high pressure jet cleaner.
- ➔ Do not smoke near the battery during charging.
- ➔ Do not let water come in contact with the battery or charger during charging, risk of short circuit.
- ➔ Disconnect the power cord from the wall socket after the battery is completely charged.
- ➔ Do not keep the charger switched ON without the battery pack connected to it.



MAINTENANCE - Troubleshooting



Trouble	Display	Reason	Remedy
Machine fails to start - no power	No LED Display	Transport working knob is in bottom position	Change to operating position
		Main switch is on Off position	Switch on the main switch
		30 A fuse blown	Replace fuse and check
		Handle switch, tilt switch are opened/faulty	Check switches
Brushes not rotating	LED blinks in RED	Battery low voltage	Charge the battery
		Motor over heated	Wait for 20 minutes and restart
Machine fails to pick up water from the floor	NA	Worn brushes	Replace brush, lip, lugs or springs
		Damaged lip on recovery tank	
		Broken lugs on recovery tank	
		Drum not revolving	
		Bridge fitted wrong way on machine or springs broken	Fit bridge in correct way
Machine fails to spray solution onto the floor	NA	Blocked jet	Clean jet or inline filter
		Blocked inline filter	
		Faulty pump	
		Blocked filter or faulty valve in solution tank	
		Faulty pump micro switch	
		Damaged or broken pump On/Off cord	Check cord
Drum not rotating	NA	Plastic gear inside rim of drum sheared	Clean drum and bearings and remove dirt and build up
		Drum sprocket bearing seized	
		Build up of dirty hair etc. around bridge springs	
		Plastic gears in gearbox stripped	
		Drum rubber sleeve loose on drum	

DO'S & DON'TS



DO'S

- ✓ Take adequate care to hold the machine firmly while installing and removing the brush.
- ✓ Ensure all parts are fitted properly before operation.
- ✓ Take care when using a machine near the top of stairs to avoid overbalancing.
- ✓ Keep children and unauthorized persons away from the machine when in use.
- ✓ The batteries must be neutralized through an approved secondary treatment facility prior to disposal as waste.
- ✓ This machine should be used to clean smooth, even floors in indoor areas.

DON'TS

- ✗ Don't use where hazardous dust is present.
- ✗ Don't use in an explosive atmosphere.
- ✗ Don't pick up or use near flammable or combustible fluids, hazardous dusts or vapors.
- ✗ Don't use to clean up any burning or lit debris materials such as cigarettes, matches, ashes or other combustible objects.
- ✗ Don't put any object into openings.
- ✗ Don't use with any opening blocked; keep free of dust, debris and anything that may reduce airflow.
- ✗ Don't operate the machine when connected to the mains electrical supply.
- ✗ Don't charge the machine with a damaged battery charging lead or plug, or after the machine malfunctions or is damaged in any way. Contact an authorised Service Agent for repair or adjustment.
- ✗ Don't leave machine running unattended.
- ✗ Don't operate switches or touch the mains plug with wet hands as this may cause electric shock.
- ✗ Don't pull or carry by the charger supply cord.
- ✗ Never use excessive foaming or highly corrosive cleaning solutions.
- ✗ Do not dispose this device with unsorted waste.
- ✗ Do not use this machine to clean rough uneven surfaces.
- ✗ Do not use this machine outdoors.
- ✗ Do not store the machine outdoors.

BATTERY INSTRUCTIONS



Warning Symbols



The above instructions have been established for your safety and have to be strictly observed.



Observe the instruction which must be mounted clearly at the charging point!



Any splashes of acid in the eyes or on the skin must be rinsed thoroughly with plenty of clear pure water. Then consult a doctor immediately!



No Smoking! No naked lights, embers or sparks in the vicinity, risk of fire and explosion!



Risk of fire explosion, avoid short circuits! **Caution!** Metal components in the battery cells are always under voltage, never place any foreign items or tools on the battery!



Keep children away from batteries.



Do not throw in environment/garbage!

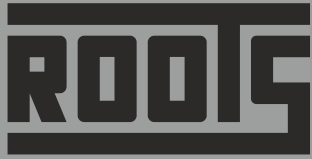
Battery Status LED

Machine Operation	
LED Status	Discharging
Green	Fully charged
Amber	Battery approaching low charge
Amber Flashing	Battery approaching cut off limit
Red	Low charge / cut off
	Motor temperature exceeds limits
Red Flashing	Battery cut off limit reached

Waste Electrical & Electronic Equipment (WEEE)



Do not dispose this device with unsorted waste. Improper disposal may be harmful to the environment and human health. Please refer to your local waste authority for information on return and collection systems in your area.



Roots Multiclean Ltd.

R.K.G. Industrial Estate, Ganapathy, Coimbatore - 641 006, India.

Phone: +91 (422) 4330 330, *E-mail:* rmclsales@rootsemail.com

Web: rootsmulticlean.in,

Toll Free: **1800 41 99 77 9**