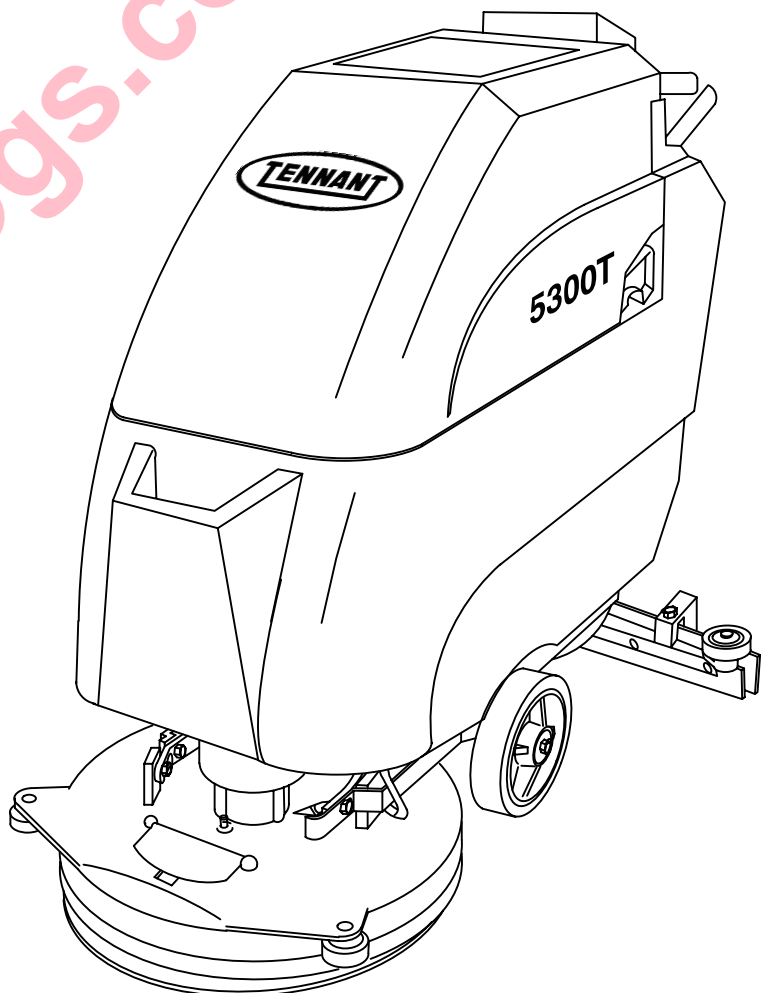




# 5300T

Service Manual



MM382  
Rev. 00 (10-94)



This service manual is intended to be an aid for the disassembly and reassembly of your TENNANT Model 5300T.

The set is organized into four major groups: General Information, Chassis, Scrubbing, and Electrical.

**General Information:** Machine safety, transport, jacking, lifting, and storage. Machine specifications, Maintenance charts and Hardware information.

**Chassis:** Tire/wheel replacement, Parking brake adjustment and replacement, Caster replacement, Transaxle and Transaxle drive motor replacement.

**Scrubbing:** Squeegee assembly replace and adjust, Scrubber head replace and adjust, Scrubber brush motor replacement, Vacuum fan replacement, Solution/recovery tank replacement, , Power wand pump replacement, and Scrubbing troubleshooting chart.

**Electrical:** Battery maintenance and replacement, Charging instructions, Circuit breaker/relay replacement, Instrument panel replacement, Vacuum fan motor brush replacement, Scrub brush brush replacement, Electrical schematic, and Electrical troubleshooting.

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## SAFETY PRECAUTIONS

The following symbols are used throughout this manual as indicated in their description:



**WARNING:** To warn of hazards or unsafe practices which could result in severe personal injury or death.

**FOR SAFETY:** To identify actions which 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.

**FOR SAFETY:**

1. **Do Not Operate Machine:**
  - Unless Trained And Authorized
  - Unless Operation Manual Is Read And Understood.
  - In Flammable Or Explosive Areas Unless Designed For Use In Those Areas.
2. **Before Starting Machine:**
  - Make Sure All Safety Devices Are In Place And Operate Properly.
  - Check Brake And Steering For Proper Operation (If So Equipped).
3. **When Using Machine:**
  - Go Slow On Inclines And Slippery Surfaces.
  - Use Care When Backing Machine.
4. **Before Leaving Or Servicing Machine:**
  - Stop On Level Surface.
  - Turn Off Machine And Remove Key.

5. **When Servicing Machine:**

- Avoid Moving Parts. Do Not Wear Loose Jackets, Shirts, Or Sleeves When Working On Machine.
- Block Machine Tires Before Jacking Machine Up.
- Jack Machine Up At Designated Locations Only. Block Machine Up With Jack Stands.
- Use Hoist Or Jack Of Adequate Capacity To Lift Machine.
- Wear Eye And Ear Protection When Using Pressurized Air Or Water.
- Disconnect Battery Connections Before Working On Machine.
- Avoid Contact With Battery Acid. Use TENNANT Supplied Or Equivalent Replacement Parts.



**WARNING:** Batteries Emit Hydrogen Gas. Explosion Or Fire Can Result. Keep Sparks And Open Flame Away. Keep Covers Open When Charging.



**WARNING:** Flammable Materials Can Cause An Explosion Or Fire. Do Not Use Flammable Materials In Tank(s).



**WARNING:** Flammable Materials Or Reactive Metals Can Cause Explosion Or Fire. Do Not Pick Up.

**ATTENTION:** The battery charger supplied with the machine shall be grounded while in use to protect the operator from electrical shock. This charger is designed for use on a nominal 120 volt circuit and has a grounded plug. Make sure the charger is connected to an outlet having the same configuration. No adapter should be used with this charger. The green conductor in the cord is the ground wire. Never connect this wire to other than the grounding pin of the attachment plug.

**ATTENTION:** Failure of components due to lack of freeze protection voids the warranty on such components.

Store the machine indoors, do not expose to the rain.

This product is intended for commercial use.

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