

SANITMAX SM100

SANITMAX SM100 Industrial Wet/Dry Vacuum Instruction Manual

Model: SM100

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Contents	Setup	Operation	Maintenance	Troubleshooting	Specifications	Warranty & Support

1. INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your SANITMAX SM100 Industrial Wet/Dry Vacuum. Please read this manual thoroughly before operating the unit and retain it for future reference. The SM100 is designed for demanding industrial cleaning tasks, offering powerful suction, a large tank capacity, and advanced HEPA filtration with a jet pulse filter cleaning system.

2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury.

- **Read all instructions:** Familiarize yourself with the vacuum cleaner before use.
- **Electrical Safety:** Ensure the power supply matches the voltage specified on the vacuum. Do not use with damaged cords or plugs.
- **Wet Operation:** When vacuuming liquids, ensure the float valve is clean and moves freely. Do not overfill the tank.
- **Dry Operation:** Always use the HEPA filter for dry vacuuming.
- **Flammable Materials:** Do not vacuum flammable or combustible liquids, gases, or hot ashes.
- **Personal Protective Equipment:** Wear appropriate PPE, such as safety glasses and hearing protection, especially in industrial environments.
- **Maintenance:** Disconnect from power before performing any maintenance or cleaning.
- **Children and Pets:** Keep children and pets away from the vacuum during operation.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking.

Accessories in the Box



Round Brush
Nozzle



Crevice
Nozzle



13.8-in Nozzle
with Brush



13.8-in Nozzle
with Squeegee



2 * Aluminum
extension tubes



16 ft Long Vacuum
Hose



Short Vacuum
Hose



HEPA Filter



23.6" Floor Vacuum
Squeegee Assembly

Figure 3.1: Included Accessories. This image displays the complete set of accessories: Round Brush Nozzle, Crevice Nozzle, 13.8-inch Nozzle with Brush, 13.8-inch Nozzle with Squeegee, two Aluminum Extension Tubes, 16 ft Long Vacuum Hose, Short Vacuum Hose, HEPA Filter, and the 23.6-inch Floor Vacuum Squeegee Assembly.

- Main Vacuum Unit (SM100)
- 26.4-gallon Stainless Steel Tank
- Heavy-duty Cart with Caster Wheels and Brake Locks
- HEPA Filter (pre-installed or separate)
- 16-ft (5m) Vacuum Hose
- 49 ft Power Cord with US Standard 110V Plug
- Front-mounted Detachable Squeegee (23.6" / 600 mm wide)
- Round Brush Nozzle
- Crevice Nozzle
- 13.8-inch Nozzle with Brush
- 13.8-inch Nozzle with Squeegee

- 2 x Aluminum Extension Tubes
- Short Vacuum Hose
- Tool Basket
- Instruction Manual

4. SETUP

Follow these steps to assemble your industrial wet/dry vacuum.

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Attach Caster Wheels:** Secure the caster wheels to the base of the cart. Ensure brake locks are functional.
3. **Mount Tank:** Place the stainless steel tank onto the cart.
4. **Install Motor Head:** Position the motor head onto the tank, ensuring the latches are securely fastened.
5. **Connect Hoses:** Attach the 16-ft vacuum hose to the inlet port on the tank. For specific tasks, connect the short vacuum hose and desired nozzles or extension tubes.
6. **Install Front-mounted Squeegee:** If using for wet pickup, attach the 23.6-inch detachable squeegee to the front of the cart as shown in Figure 4.1.
7. **Verify Filter:** For dry vacuuming, ensure the HEPA filter is correctly installed inside the tank. For wet vacuuming, the HEPA filter should be removed or protected from direct liquid contact if not designed for wet use. The SM100's HEPA filter is designed for dry use and should be removed for wet applications to prevent damage.



3 Adjustable Suction Levels for Every Mess

Jet Reverse Pulse Filter Self-Clean System

Tool Basket Keeps Brushes and Nozzles Organized

26.4-gallon (100 L) Collection Tank

Heavy-duty Caster Wheels with Brake Locks

49 ft Power Cord with US Standard 110V Plug



Figure 4.1: Assembled Vacuum with Accessories. This image illustrates the main vacuum unit, the collection tank, the tool basket, the power cord, and the front-mounted squeegee assembly.

5. OPERATION

5.1 General Operation

- **Power Connection:** Plug the 49 ft power cord into a standard 110V outlet.
- **Power On/Off:** Use the power switch located on the motor head to turn the vacuum on or off.
- **Suction Control:** The SM100 features 3 adjustable suction levels. Use the control panel on the motor head to select the appropriate suction power for your task.

212 CFM
Airflow

2100W
Motor

120-inch
Water Lift



Figure 5.1: Motor Head Controls. This image highlights the power switches and the yellow button for the jet pulse filter cleaning function, along with indicators for 3 adjustable suction levels.

5.2 Dry Vacuuming

- Ensure the HEPA filter is securely installed.
- Select the appropriate nozzle (e.g., floor brush, crevice tool) for the debris type.
- Turn on the vacuum and begin cleaning.
- For optimal performance and to maintain suction, periodically activate the **Jet Pulse Filter Cleaning** function by pressing the designated button on the motor head. This system automatically cleans the filter, dislodging trapped dust.



Figure 5.2: Jet Pulse Filter Cleaning. This diagram shows the internal mechanism of the jet pulse filter self-clean system, which helps maintain suction by clearing dust from the HEPA filter.

5.3 Wet Vacuuming

- **Remove HEPA Filter:** For wet applications, remove the HEPA filter to prevent damage and ensure proper operation of the float valve.
- **Attach Squeegee:** Use the front-mounted detachable squeegee or the 13.8-inch nozzle with squeegee for efficient liquid pickup.
- **Monitor Tank Level:** The vacuum is equipped with a float valve that will shut off suction when the tank is full. When this occurs, turn off the vacuum and empty the tank.
- **Emptying the Tank:** Disconnect power, unlatch the motor head, and carefully tilt the tank to drain liquids, or use the drain plug if available.

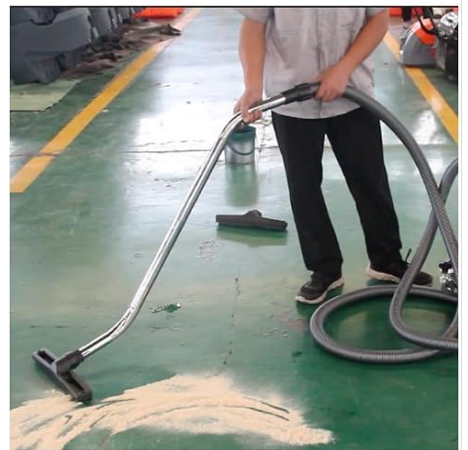
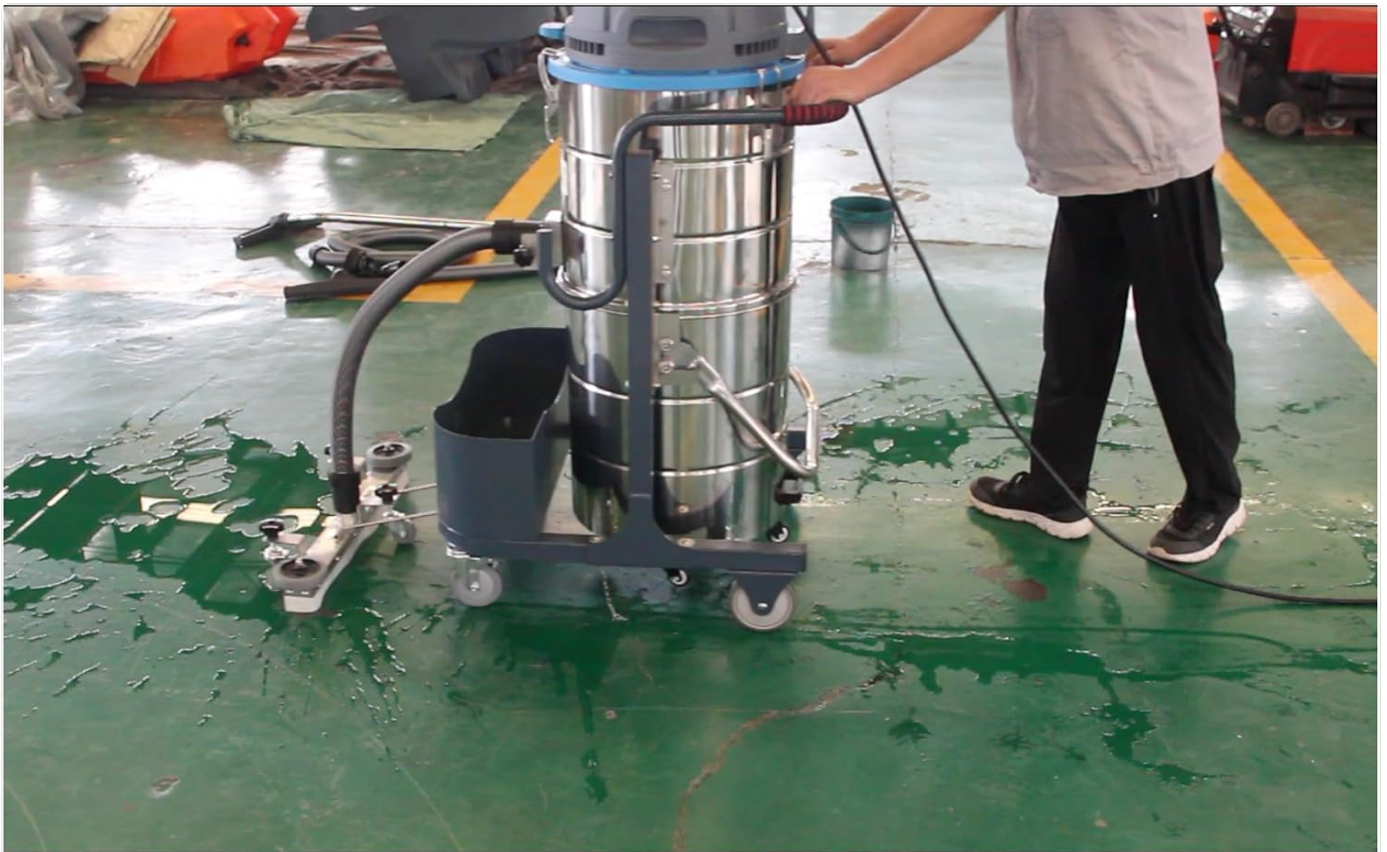


Figure 5.3: Wet Vacuuming in Progress. This image demonstrates the vacuum effectively cleaning a wet floor with various debris, showcasing its wet pickup capability with the front-mounted squeegee.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your vacuum.

6.1 Cleaning the HEPA Filter

- After dry vacuuming, use the Jet Pulse Filter Cleaning function.
- For deeper cleaning, remove the HEPA filter from the unit. Gently tap it to dislodge dust or use compressed air from the clean side.
- Do not wash the HEPA filter with water unless specifically designed for it and instructed. Allow it to dry completely before reinstallation.



99.999% DOP-tested HEPA Filter
27 SQ.FT Filter Area
Traps Ultra Fine Dust and Airborne Particles



Figure 6.1: HEPA Filter Detail. This image shows the 99.999% DOP-tested HEPA filter, highlighting its pleated design and the 27 sq. ft filter area for trapping ultra-fine dust and airborne particles.

6.2 Cleaning the Tank and Accessories

- Empty the tank after each use, especially after wet vacuuming, to prevent odors and bacterial growth.
- Rinse the tank with water and mild detergent if necessary. Dry thoroughly.
- Clean all hoses and accessories regularly to prevent blockages.

6.3 Storage

- Store the vacuum in a dry, protected area.
- Wrap the power cord neatly and store accessories in the integrated tool basket.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No Power	Power cord unplugged	Plug in power cord
	Circuit breaker tripped	Reset circuit breaker
	Power switch off	Turn power switch ON
Low Suction	Clogged hose or nozzle	Clear obstruction
	Full tank	Empty tank
	Clogged HEPA filter	Clean or replace HEPA filter; use Jet Pulse function
	Motor head not sealed	Ensure motor head latches are secure
	Float valve activated (wet use)	Empty tank
Water Leaking	Tank overfilled	Empty tank
	Loose hose connection	Tighten hose connections
	Damaged tank seal	Inspect and replace seal if damaged

8. SPECIFICATIONS

Technical details for the SANITMAX SM100 Industrial Wet/Dry Vacuum.

Feature	Detail
Model Name	SM100
Brand	SANITMAX
Power Source	Corded Electric
Voltage	110 Volts
Wattage	2100 watts
Amperage	19.1 Amps
Airflow (CFM)	212 CFM
Water Lift	120 Inches
Tank Capacity	26.4 gallons (100 Liters)
Filter Type	HEPA Filter (99.999% efficiency)
Special Features	Jet Pulse Filter Cleaning, Front-mounted Detachable Squeegee, Tool Basket, Wet/Dry Operation
Hose Length	16.4 Feet (5m)
Power Cord Length	49 Feet
Item Weight	86 Pounds
Dimensions (L x W x H)	27.6" x 22.8" x 46.9"
Noise Level	75 Decibels
Surface Recommendation	All Surfaces - Wet And Dry Debris

Feature	Detail
Included Components	Main Vacuum Unit, Front-mounted Squeegee, HEPA Filter, Power Cord, Vacuum Hoses and Cleaning Kits

Weight: 86 lbs



Figure 8.1: Product Dimensions. This image provides a visual representation of the vacuum's dimensions (Length: 27.6-in, Width: 22.8-in, Height: 46.9-in) and its weight (86 lbs).

9. WARRANTY & SUPPORT

For warranty information or technical support, please contact SANITMAX customer service. Keep your purchase receipt as proof of purchase.

- **Customer Service:** Refer to the contact information provided with your purchase or visit the official SANITMAX website.

- **Online Resources:** Additional support, FAQs, and product registration may be available on the manufacturer's website.

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