



10 TIPS TO INDUSTRIAL VACUUMING SUCCESS

1 Comply with standards. When collecting explosive or hazardous dust, vacuums must meet specific design requirements. Make sure your industrial vacuum manufacturer is up-to-date on the latest regulations and can offer the best solution to help you stay in compliance.

2 Look for multi-stage filtration. The system traps dust and debris through a series of progressively finer filters, effectively keeping hazardous material away from operators but also minimizing wear and tear on the motor, which extends the life of the equipment.

3 Clean your filters regularly. Keeping vacuum filters clean is essential for maximum efficiency. Check collection bags, main and exhaust filters frequently and replace as needed.

4 Listen to the tone. Often the vacuum itself will let you know there is a clog or blockage. Listen for a change in the sound, and check for blockages.

5 Maximize productivity. Units with higher airflow or CFM may be outfitted as a central vacuum system for use by multiple operators. Check with your vacuum manufacturer for the proper machine for your application.

6 Get the appropriate end-tools. The right hoses and accessories will ensure you get the most out of your vacuum by making sure you can clean all of your facility's hard-to-reach areas. Consider color-coded accessories to prevent cross-contamination between production areas.

7 Don't forget about ergonomics. Make sure the vacuum is equipped with large wheels and a wrap-around handle so users can push, pull, or maneuver the vacuum with ease.

8 Keep consumables on hand. Order extra collection bags, replacement filters and accessories to keep machine downtime to a minimum.

9 Invest in technology. If your budget allows, purchase an industrial vacuum with the latest technological advancements. For example, some units can automatically clean filters while in operation or automatically shut-off when the collection container is full.

10 Purchase wisely. It's important to select equipment from a reliable manufacturer that has years of experience designing industrial vacuum cleaners, as well as one that can provide local support and operator training after the sale.



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8 WAYS TO GET YOUR FLOORS SPARKLING CLEAN WITH AN AUTO SCRUBBER

1 Purchase wisely. It's important to select equipment from a reliable manufacturer that has years of experience designing automatic scrubbers, as well as one that stands behind their equipment with a wide service network for fast repairs.

2 Invest in technology. Purchase a scrubber dryer with the latest technological advancements. For example, newer units can automatically adjust water and detergent flow according to the speed of the machine.

3 Don't go too fast. A good result depends on using the right amount of water and chemical and giving the machine time to do its work. Adjust the water flow rate and down pressure to the correct levels for the soil load on the floor. And don't rush!

4 Use a chemical portioning system. If you don't use enough chemical, you won't be able to clean effectively. If you use too much, you not only waste money, but also risk leaving too much residual chemical on the floor. A wall-mounted proportioning system or onboard chemical dispensing system will ensure you apply the right amount of chemical every time.*

* Please be advised that Nilfisk does not sell a "wall-mounted proportioning system".

5 Use cylindrical scrubbing when needed. Cylindrical scrubbers take a two-step process and turn it into one. Cylindrical machines wet sweep large debris off the floor and scrub it clean in a single pass. For applications where there is a lot of loose debris, a cylindrical machine can save considerable time because pre-sweeping is not necessary.

6 Use a diamond pad. Diamond pads provide the best results for polished marble, terrazzo or concrete floors.

7 Double scrub as required. If the area is particularly dirty, double scrubbing may be the only way to remove stubborn ground in soils. It will take more time, but the results will speak for themselves.

8 Don't neglect the machine. You wouldn't buy a car and expect it to keep performing well without regular tune-ups. Routine preventative maintenance will ensure consistent performance, reduce breakdowns and extend the life of the machine.



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10 TRICKS TO INDUSTRIAL SWEEPING SUCCESS

- 1 Shake your filters.** Use the auto shaker feature to shake your filters every 10 minutes. This will prevent clogging and keep your sweeper working at optimum levels.
- 2 Vacuum the filter.** Use a vacuum cleaner to vacuum the filters monthly.
- 3 Re-adjust the brushes.** Your brushes should touch the floor at all times. Readjust them as they wear down.
- 4 Maximize productivity.** Unlike with auto scrubbers, sweepers can operate effectively at a high speed.
- 5 Keep the unit clean, inside and out.** A clean sweeper will have fewer service issues and will make a far better impression on your staff, your clients and the public.
- 6 Don't use it in the rain.** Moisture will clog the filters and immediately reduce your efficiency.

- 7 Don't go over spillages.** Just like rain, spillages will clog the filters. If you're using a ride-on sweeper, turn the vacuum motor off when working in damp areas.
- 8 Keep the batteries in tip-top shape.** Keep the batteries charged, and check water levels on a regular basis.*
- 9 Service regularly.** Preventative maintenance reduces downtime and lowers your total cost of ownership. Don't wait until the sweeper breaks down before you contact a maintenance engineer.
- 10 Focus on health and safety.** Maintain the filters and empty the hopper regularly to keep fugitive dust from breathable air.

* Please note that checking water levels only applies to wet batteries and not AGM batteries.



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8 STEPS TO EFFECTIVE CLEANING RESULTS WITH HIGH PRESSURE WASHERS

1 Read the terrain. Before you start, find out what kind of dirt you're dealing with, then determine the appropriate water temperature, pressure level, and water-flow level.

2 Apply pressure. To work efficiently, you need more pressure, not more water. High pressure, coupled with low water-flow, works well for cleaning stubborn dirt on concrete walls or floors.

3 Check for small particles. High pressure, coupled with high water-flow, works well for sweeping sand and other small particles into a drain. Purchase a machine that can offer different levels for both pressure and water-flow.

4 Pick the right temperature for the job. Cold water is highly effective, but if you're cleaning something oily or greasy, use hot water. As hot water dries more quickly, it also saves time.

5 Combine pressure with the power of steam. Some units can heat water to over two hundred degrees to vaporize the water enabling steam pressure washing. This process can efficiently clean tough build-ups and sterilize surfaces. Check with your pressure washer manufacturer for the proper machine for your application.

6 Don't forget about ergonomics. Make sure the pressure washer is equipped with large wheels so users can push, pull, or maneuver across different surface types.

7 Consider all areas of the facility. Pressure washers may be used to clean floors and processing equipment but they can also do a great job in loading areas and outside!

8 Minimize downtime. Make sure all vital parts are easy to reach and inspect ensuring service and maintenance can be carried out quickly. If budget allows, purchase a machine with a diagnostics function that will provide maintenance warnings.



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