

Advance Captor™ 4300/4800/5400 Rider Sweeper-Scrubbers



INDUSTRIAL
STRENGTH
CLEANING
SOLUTIONS



The Advance Captor™ industrial
sweeper-scrubber takes productivity
and value to a whole new level

 **Advance**
by Nilfisk-Advance



Advance Captor™ 4300/4800/5400

Rider Sweeper-Scrubbers

The Advance Captor™ Delivers Superior Cleaning Results and Increases Productivity Like Never Before.

The Advance Captor™ is without rival in value and productivity for sweeper scrubbers in its size class. The modular Captor™ platform consists of a high performance sweeping system with dust control and high dump hopper, and a scrub deck that can be sized to match the customer's facility. The Captor™ is effective as a standalone sweeper, scrubber or as a highly productive combination sweeper-scrubber.

- **Productivity:** The Advance Captor™ sweeps a 62 inch path and can sweep up to 163,600 square feet per hour. Its 9.2 cubic foot hopper means more time sweeping with less time dumping! The Captor™ has great maneuverability and tight turning in both directions for getting in and around congested areas.

The modular Captor™ design accommodates scrub deck sizes from 43 inches to 54 inches. Maximum scrubbing, at 4 miles per hour cleans over 95,000 square feet per hour. With its 80 gallon solution and recovery tanks, the largest available for this class of machine, the Captor™ maximizes the ratio of time spent scrubbing to the time spent dumping and refilling.

- **Performance:** The Advance Captor™ is unsurpassed in cleaning results! The sweep system provides the largest available vacuumized main broom, for its size, for better sweeping and dust control. *The dust control system stays active even while the hopper is raised for dumping!* The variable scrubbing down pressure of up to 400 pounds allows the Captor™ to remove heavy build up. The vacuum recovery system leaves floors clean, dry and ready for immediate use. With the Captor's side squeegees, the floor is left dry even on sharp turns. The squeegee width is fully swept to prevent squeegee streaking.

- **Maintenance:** The Advance Captor™ design provides excellent maintenance access. Common maintenance operations like scrub brush and broom inspection and removal of dust filter, can all be done without tools. Clear access is provided to all major systems in the Captor™ reducing service time. The tip out recovery tank aids in clean-up to help keep tanks fresh. Each squeegee blade can be used with each of its four edges and can be maintained without tools. In addition, the Captor™ is BUILT TOUGH with rugged components to minimize down-time.

- **Safe and Easy to Use:** The Advance Captor™ comes with an operator "Comfort Zone" which takes ease of use and comfort to a whole new level. Operator interface is simple and logical with all operations within easy arms reach. Cleaning systems activation is through the One-Touch™ keypad. Additionally the offset hopper on the right side of the machine provides the operator with a Clear-View™ of the critical sweeping area and dumping without straining their back and neck. This allows the operator's head to remain safely inside the machine and out of danger.

Contact your Advance Industrial Equipment Representative today to witness first hand this *New Industrial Revolution.*

Ideal Applications Include —

- Warehouse/Distribution
- Manufacturing
- Parking Garages and Ramps
- Food and Beverage
- Transportation Facilities
- Stadiums and Arenas
- Municipalities



VALUE FEATURES



One-Touch™ electronic function controls are conveniently located to keep operation simple and safe.



Rugged construction with durable components assures years of reliable performance.



Designed to be easy to maintain with open access to all critical systems.



Equipment clean-up and inspection is easy with no tools access and tip out recovery tank.



The tip-out recovery tank makes equipment clean-up safe and simple and helps keep your recovery tank fresh.

Operator "Comfort Zone" has fingertip controls and Clear-View™ of critical sweep areas

Large 80 gal (303 L) polyethylene solution tank allows maximum scrubbing time

Large 80 gal (303 L) polyethylene recovery tank has pinch control drain hose

The 9.2 ft³ hopper hydraulically lifts up to 550 lb (249 kg) to 60 in (152 cm), accessible to standard dumpsters. Safety prop-rod engaged from operator compartment

Excellent maintenance access to engine compartment

Active dust control stays active even while hopper is raised

Squeegee design picks up on uneven floors and leaves floor dry, even through turns

Variable scrub deck down pressure removes even the heaviest ground-in soil

Built for industrial use with heavy gauge, reinforced steel frame and welded wrap-around bumpers

Main broom has a plastic core to resist moisture damage, and is reversible for more even wear



The operator remains safe and comfortable in the Captor's "Comfort Zone". The ergonomic Clear-View™ design provides the operator with an unobstructed view of critical sweep zones without straining their neck and back while keeping their head safely inside the machine.



The Captor's sweep system captures debris. Aggressive scrub system removes ground-in dirt, while the squeegee leaves floors dry. Combined, you get complete cleaning in a single pass.



All major systems of the Captor™ are readily accessible for easy inspection, cleaning and maintenance. Common maintenance and inspection operations can be completed without tools.

VALUE FEATURES

The Advance Captor™, designed with Total Clean™ Technology, is very comfortable and safe to use — by design. The result is increased productivity. The Advance Captor™ is also designed with features to make it easy to clean up and maintain after cleaning. That reduces the total cost of ownership and drives down the cost of cleaning.





Part Evolution and Part Revolution

Many of the Captor's features are improvements based on existing cleaning equipment. This is evolution – improvements on what is already in the market. The Advance Captor™ also takes advantage of “revolutionary” thinking to provide some truly unique advantages. Example of this include Hind-Sight™ rear view camera, maintenance free composite bearings on moving joints, and a common platform that accommodates a wide range of scrub deck sizes.

Industrial Strength Solutions...

- Our products are built tough and feature innovative technology that increases productivity and drives down the cost to clean.
- You can get expert service and maintenance for your products by factory-trained personnel around the world, as well as fast parts delivery.
- Maintain peak performance with genuine APA parts.



Optional Accessories

- Overhead Guard and Roller Bumpers
- Side Broom Guards
- Grammer Suspension Seat
- Seat Belt
- Hopper Thermal Sensor
- Various Brooms, Brushes and Squeegees
- Warning Beacons
- Onboard Vacuum Wand
- Hind-Sight™ Rear View Camera
- Dust Filter Plugged Indication
- Backup Alarm

And many others

NEW TECHNOLOGY

The Advance Captor™ is designed to take the best features of existing industrial equipment and combine it with current day design, materials and manufacturing techniques to create the best machine available. It's technology so advanced, there's nothing like it.

Technical Specifications

Sweeping Path 62 in (158 cm) for 4800 and 5400 models – (dual side brooms)
51 in (130 cm) for 4300 model – (single side broom)
Squeegee scrub path is fully swept for all models

Main Broom 40 in (102 cm) length x 14 in (36 cm) diameter
Scrubbing Paths and Brushes 4300 – 43 in (110 cm); Scrub Brushes 3 x 15 in (38 cm)
4800 – 48 in (122 cm); Scrub Brushes 3 x 17 in (43 cm)
5400 – 54 in (137 cm); Scrub Brushes 4 x 14 in (36 cm)

Sweeping Coverage Rates Per Hour 4800 and 5400 with dual side brooms:
163,700 ft² (15,210 m²)
4300 with single side broom:
134,600 ft² (12,500 m²)

Scrubbing Coverage Rates Per Hour 4300 – 75,700 ft² (7,030 m²)
4800 – 84,500 ft² (7,850 m²)
5400 – 95,000 ft² (8,825 m²)

Variable Scrub Pressure Three scrub deck down pressure settings

Transport Speed 6 miles per hour (9.6 kph)

Minimum Turn-around Aisle Width 118 in (300 cm) both left and right

Solution Tank Capacity 80 gal (303 L) for 4800 and 5400
60 gal (227 L) for 4300

Recovery Tank Capacity 80 gal (303 L) for 4800 and 5400
60 gal (227 L) for 4300

Gas/Propane Engine Type – GM 4 Cylinder, 53 hp
Displacement – 1.6 L (water cooled)
Meets 2004 EPA emissions requirements

Diesel Engine Type – Kubota Turbo, 44 hp
Displacement – 1.5 L (water cooled)

Hydraulic System Four independent circuit hydraulic system:
1. Main broom, vacuum fan
2. Propulsion (hydrostatic drive)
3. Power steering, side broom, hopper lift, dust control
4. Scrub deck and squeegee systems

Ramp Climbing 8 deg. max (6 deg. while scrubbing)

Hopper 9.2 ft³ (261 L) with 550 lb (250 kg) load capacity

High Dump Variable to 60 in (152 cm)

Dust Control 78 ft² (7.25 m²) pleated panel filter captures dust. Timed electric filter shaker standard

Squeegee Four-sided, wrap-around design leaves floor dry, even on tight turns. Automatically lifts in reverse. Linotex is the standard material with other options available.

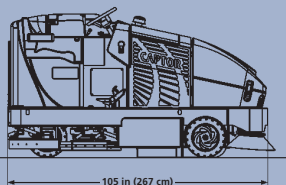
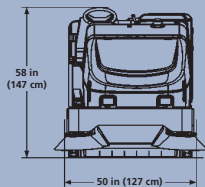
Machine Dimensions 105 in (267 cm) length x 50 in (127 cm) width x 58 in (147 cm) height (79 in with overhead guard) (width is for chassis without squeegee)

Weight All configurations empty: 4,045 lb (1,835 kg)
At full tank capacity: 4,712 lb (2,137 kg)

Part Numbers

4300 Propane	56 305 650
4300 Gas	56 305 651
4300 Diesel	56 305 649
4800 Propane	56 305 653
4800 Gas	56 305 654
4800 Diesel	56 305 655
5400 Propane	56 305 656
5400 Gas	56 305 657
5400 Diesel	56 305 658

All models include MidliteGrit™ 180 scrub brushes, Proex/Wire main broom, and Polypropylene side broom(s)



Specifications are subject to change without notice.



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