

Adgressor® & Adgressor® with EcoFlex™ System Rider Scrubbers



Flexibility for every kind of clean.

The Advance Adgressor® rider-scrubber with EcoFlex™ System lets you clean green and still meet the highest expectations for clean floors. With the industry's most flexible floor-scrubber technology, you can develop a sustainable cleaning routine and quickly adjust to whatever the job demands. Be prepared to get more out of your budget, clean with less impact to the environment and maintain clean floors when you do.

Operators can quickly and easily select the right blend of pad pressure, water and detergent to tackle any cleaning challenge. Here are just a few of the flexible cleaning modes:

- **Water Only** – Perfect for removing surface dirt and maintaining the clean look of floors. Water-only mode eliminates the impact of detergents on the environment and reduces cleaning costs.
- **Ultra-low Detergent** – Well suited for routine cleaning where a small amount of green-certified detergent will do the trick. Water and detergent are dispensed separately at the scrub deck, eliminating solution waste.
- **Standard Detergent** – The tough cleaning you expect. At standard detergent, pad pressure and flow rate, you'll have a combination powerful enough to pull stubborn dirt, grease, and oil from the surface.
- **Burst of Power** – For deep, restorative cleaning or unexpected challenges. EcoFlex's burst of power temporarily increases your machine's pad pressure, detergent use and flow rate at the touch of a button.

The Adgressor is designed as a true industrial rider scrubber with reliability, productivity, and ease of use and maintenance built in. Combining large scrub decks and solution capacities with maneuverability and speed, the Adgressor delivers high productivity. A steel chassis and metal bumpers stand up to tough operating environments while thick high density polyethylene tanks will not dent, crack, or corrode.

The Adgressor with EcoFlex System delivers the flexibility to clean your floors more efficiently. By using a system that cleans like you do, you'll reduce your cost to clean and create a more sustainable cleaning program.

Standard Features Include

- QuickChange™ deck system
- 42 gallon solution and recovery tanks
- Smart Solutions™
- Powerful drive motor
- One-Touch™ system activation
- Metal bumpers
- Comfortable, ergonomic design
- No-tools maintenance access
- Safe Clear-View™ of cleaning area
- Best-in-class maneuverability
- Mechanical brake

Typical Applications Include

- Food and Beverage
- Distribution/Warehousing
- Manufacturing
- Large Retail/Malls
- Transportation Facilities
- Stadiums and Arenas
- Municipalities
- Universities
- Government Buildings

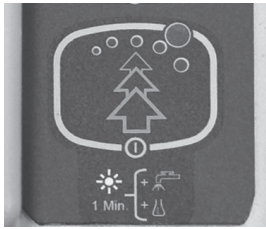
ecoflex™ system



The Advance Adgressor®, designed with Total Clean™ Technology, is very comfortable and safe to use – by design. The result is increased productivity. The Advance Adgressor® 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.

Adgressor® & Adgressor® with EcoFlex™ System

Rider Scrubbers

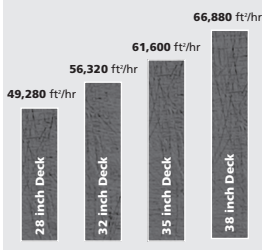


EcoFlex™ System models have One-Touch™ activation for an on-demand cleaning burst of power.

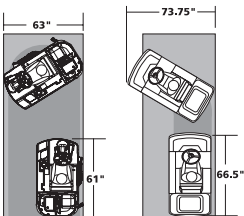


One-Touch™ activation of scrub system. All systems start and stop with machine motion.

Maximum Cleaning Per Hour

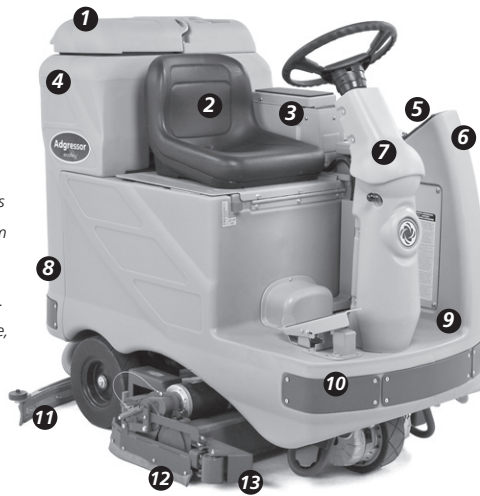


The Advance Adgressor® can Grow with your company. The scrub deck interchangeability allows a larger, more productive scrub deck to be installed to address a growing company's increasing square footage.



The Advance Adgressor® turns within a 63 inch (160 cm) aisle. This improves productivity by allowing the Advance Adgressor® to easily clean smaller aisles than the competition.

- 1 Large recovery tank opening provides easy, unobstructed cleaning
- 2 Comfortable full size operator compartment has excellent field of vision with Clear-View™ sight lines
- 3 Optional EcoFlex™ System offers green and clean flexibility
- 4 High capacity and rugged polyethylene solution and recovery tanks are crack, dent and chemical resistant
- 5 One Touch™ control panel for all scrub functions. Includes all indicators/gauges
- 6 Variable volume horn and backup alarm are standard
- 7 Steering column is adjustable for comfort: tilts upright for easy boarding.
- 8 Solution tank has EasyFlow™ drain hose, for clean and controlled dumping
- 9 Mechanical safety brake with parking brake standard.
- 10 Metal bumpers for added machine protection
- 11 UltraFlow™ Unique design increases air speed in squeegee for better pick up and dryer floors.
- 12 QuickChange™ no tools interchangeable deck system
- 13 Heavy-duty side skirts leave floors dry and safe.



Industrial Strength Solutions...

- Our products are designed using innovative technology that increases productivity and drives down the cost to clean.
- You can get expert service and maintenance for your Advance machines from factory-trained personnel around the world. Fast parts delivery, too.
- Maintain peak performance with Nilfisk Parts.

Technical Specifications

Models	Adgressor® 3220	Adgressor® 3520	Adgressor® 3820
Scrub Path	32 in (81 cm)	35 in (89 cm)	38 in (97 cm)
Max. Productivity at 4.0 mph	56,320 ft²/hr	61,600 ft²/hr	66,880 ft²/hr
Max. Productivity at 2.5 mph	35,200 ft²/hr	38,500 ft²/hr	41,800 ft²/hr
Solution Tank	42 gal (157 L)	42 gal (157 L)	42 gal (157 L)
Recovery Tank	42 gal (157 L)	42 gal (157 L)	42 gal (157 L)
Brush Drive			
Disc –	1.5 hp (1)	0.6 hp (3)	0.6 hp (3)
Cylindrical –	Two 0.75 hp, 560 Watt motors on opposing ends, poly-V belt brush drive.		
Scrub Deck			
Disc –	Manual-adjusting side skirts contain solution.		
Cylindrical –	Includes hopper for collecting small litter. Auto-adjusting side skirts contain solution.		
Brush Speed	Disc 250 rpm, Cylindrical 900 rpm		
Brush Pressure	Programmable 3 settings up to 250 lb (113 kg).		
Drive System	1.5 hp motor with gear transmission, band brake and dynamic braking. Programmable speeds up to 4.5 mph (7.3 kph).		
Gradeability	Transport - 20% / 11.5 deg., Working (scrubbing) - 8% / 4.6 deg.		
Min. Turn-around Aisle Width	63 inch (160 cm) with a 32 inch deck.		
Voltage	36 Volt for more power and longer run time.		
Power Source	310 Ah or 420 Ah wet or 312 AGM maint-free battery options.		
Battery Charger	Option of shelf or onboard charger.		
Solution Control	Smart Solutions™ is standard providing better water and chemical utilization and fewer dump and refill cycles.		
Vacuum Motor	0.75 hp 3-stage with optional dual vacuum.		
Sound Level	68 dB A at operator's position.		
Frame Dimensions	Length = 61 in (155 cm), Width = 32 in (82 cm), Height = 53 in (135 cm)		
Squeegee Width	36.6 in (93 cm)	42.1 in (107 cm)	45.1 in (115 cm)
Weight	Machine Only 657 lb (298 kg). With full tank and standard batteries 1,553 lb (705 kg).		
Optional EcoFlex™ System			
Solution Flow Pump			
Dilution Ratios	32:1, 50:1, 64:1, 100:1, 128:1, 150:1, 200:1, 256:1, 300:1		
Refillable Cartridge Capacity	1.25 gal (4.75 L)		
Battery Watering System			

Specifications are subject to change without notice.



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