Adgressor® & Adgressor® with EcoFlex™ System

Rider Scrubbers

Advance

FACT SHEET

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.

Total Clean
by Nilfisk-Advance

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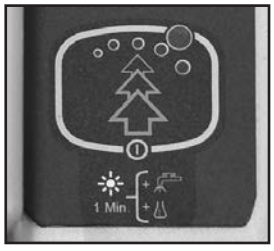
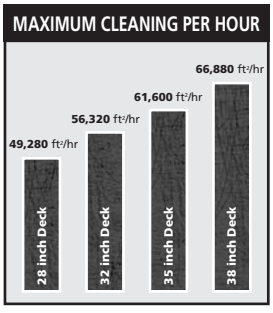
Rider Scrubbers

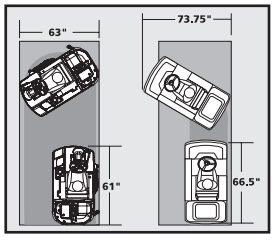


EcoFlex™ System models have One-Touch™ activation for an on-demand cleaning burst of power.

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



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.

Comfortable full size operator compartment has excellent field of vision with **Clear-View™** sight lines.

Optional EcoFlex™ System offers green and clean flexibility.

One Touch™ control panel for all scrub functions. Includes all indicators/gauges.

Large recovery tank opening provides easy, unobstructed cleaning.

Variable volume horn and backup alarm are standard.

High capacity and rugged polyethylene solution and recovery tanks are crack, dent and chemical resistant.

Steering column is adjustable for comfort: tilts upright for easy boarding.

Solution tank has **EasyFlow™** drain hose, for clean and controlled dumping.

Mechanical safety brake with parking brake standard.

UltraFlow™
Unique design increases air speed in squeegee for better pick up and dryer floors.

Metal bumpers for added machine protection.

Heavy-duty side skirts leave floors dry and safe.

QuickChange™ no tools interchangeable deck system.

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 Genuine OEM Parts.

Nilfisk *Genuine OEM Parts*

Technical Specifications

Model	Adgressor® 2820	Adgressor® 3220	Adgressor® 3520	Adgressor® 3820
Scrub Path	28 in (71 cm)	32 in (81 cm)	35 in (89 cm)	38 in (97 cm)
Max. Productivity at 4.0 mph	49,280 ft²/hr	56,320 ft²/hr	61,600 ft²/hr	66,880 ft²/hr
Max. Productivity at 2.5 mph	30,800 ft²/hr	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)	42 gal (157 L)
Recovery Tank	42 gal (157 L)	42 gal (157 L)	42 gal (157 L)	42 gal (157 L)
Brush Drive				
Disc –	1.5 hp (1)	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 – All Models			
Scrub Deck				
Disc –	Manual-adjusting side skirts contain solution – All Models			
Cylindrical –	Includes hopper for collecting small litter. Auto-adjusting side skirts contain solution – All Models			
Brush Speed	Disc 250 rpm, Cylindrical 900 rpm – All Models			
Brush Pressure	Programmable 3 settings up to 250 lb (113 kg) – All Models			
Drive System	1.5 hp motor with gear transmission, band brake and dynamic braking. Programmable speeds up to 4.5 mph (7.3 kph) – All Models			
Gradeability	Transport - 20% / 11.5 deg., Working (scrubbing) - 8% / 4.6 deg – All Models			
Min. Turn-around Aisle Width	63 inch (160 cm) on a machine with a 32 inch deck – All Models			
Voltage	36 Volt for more power and longer run time – All Models			
Power Source	305 Ah battery package with optional 395 Ah batteries – All Models			
Battery Charger	Option of shelf or onboard charger – All Models			
Solution Control	Smart Solutions™ is standard providing better water and chemical utilization and fewer dump and refill cycles. – All Models			
Vacuum Motor	0.75 hp 3-stage with optional dual vacuum – All Models			
Sound Level	68 dB A at operator's position – All Models			
Frame Dimensions	Length = 61 in (155 cm), Width = 32 in (82 cm), Height = 53 in (135 cm) – All Models			
Squeegee Width	32.6 in (83 cm)	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) – All Models			
Optional Adgressor® EcoFlex™ System Specifications				
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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