

Advolution™ 2710

Rider Burnisher



The Advolution™ 2710 rider-burnisher enables quick, comfortable burnishing with superior results. Battery-operated, with a maneuverable front-steering system, the Advolution 2710 eliminates the emissions and noise associated with propane burnishers.

The Advolution™ 2710 rider-burnisher provides maximum productivity with its extended battery run-time. On a single battery charge, the 2710 is capable of covering over 135,000 ft² (12,500 m²). Average productivity exceeds 30,000 ft²/hr (2,800 m²/hr). The machine automatically monitors and controls pad pressure to ensure superior gloss levels. The floating burnishing head, coupled with a flexible pad driver, follows uneven floor contours to provide a consistent shine.

Operators of the Advolution 2710 rider-burnisher can expect uncompromising safety. Open sight lines in front of the machine create a safe and comfortable ride for the operator, while automatic safeguards prevent unmanned startups that can lead to damaged floor finish. A safety switch prevents accidental pad start-up in the tilt-up position. Passive dust-control is standard on the Advolution 2710 rider-burnisher, which reduces the need for dust-mopping.

Optional accessories include

- Headlight Kit LED
- Strobe Beacon
- Seatbelt Kit
- On-Board Charger Kit
- Battery Watering Kit

Typical applications include

- Hospitals / healthcare facilities
- Educational facilities
- Retail stores and shopping centers
- Government buildings and installations
- Airports / train stations / bus depots

Advolution™ 2710

Rider Burnisher

- 1 Full-tilt steering for operator comfort
- 2 Batteries accessible under operator seat
- 3 Tilt-up burnishing head for quick, easy pad-change
- 4 Mid-mounted, floating burnishing head follows uneven floor contours
- 5 Front-steering system is ideal for maneuvering through congested areas
- 6 Motion control pedal for simple forward and reverse operation



Defining cleaning innovation

- Our products are designed using innovative technologies that increase productivity and drive down the cost to clean.
- You can get expert service and maintenance for your Advance machines from factory-trained personnel around the world.
- Maintain peak performance and minimize downtime with original-quality Nilfisk spare parts.



Mid-mounted, burnishing head tilts up for access to change burnishing pads quickly and easily.



Steering is adjustable to five positions for operator comfort.



Optional battery watering kit makes battery maintenance easy and mess-free.

Technical Specifications

Model	Advolution™ 2710
Pad Motor	3.25 hp
Pad Driver	27 in (68.6 cm) flexible pad driver with 3.5 in (9 cm) centering device.
Pad Motor Speed	No Load 1,760 RPM / Under load 1,500 RPM
Max Productivity at 3.5 mph (5.6 km/hr)	Per hour: 41,580 ft²/hr (3,863 m²/hr) Per battery charge: 137,214 ft² (12,748 m²)
Pad Access	Pivoting burnishing head for easy pad access; safety switch prevents accidental startup when burnishing head is tilted up.
Pad Pressure Adjustment	Variable between 3 settings; 50-75 lb Electronic pad pressure system automatically controls consistency of pad pressure to maximize performance based on the setting selected.
Body Construction	All steel chassis and rotational molded body. Steel burnishing head linkage and steering column.
Dust Control	Passive dust control standard.
Drive System	1 hp, 700 W permanent magnet motor with gear transmission and non-marking wheel. 0-4.5 mph (0-7.2 km/hr) transport; 0-3.5 mph (0-5.6 km/hr) burnishing. Automatic electromechanical parking brake.
Wheels	Two 12 in (30.5 cm) diameter non-marking rear wheels.
Power Source	6 - 6V DC / 420 Ah wet or 312 Ah AGM batteries
Operator Interface	Tilt steering and adjustable seat with deadman safety switch.
Sound Level	69 dB A @ operator position
Minimum Aisle Turn Width	72 inches (183 cm)
Gradeability: Cleaning	12.3% (7°)
Dimensions	Length 65.5 inches (166 cm) Height 54 inches (137 cm) Width 32 inches (81 cm)
Gross Weight	Without batteries 484 lb (220 kg) / With batteries 1,379 lbs / 625 kg
Model Numbers	
Advolution™ 2710 w/shelf charger	56422003 with (6) 420 Ah wet batteries
Advolution™ 2710 w/onboard charger	56422004 with (6) 420 Ah wet batteries
Advolution™ 2710 w/onboard charger	56422185 with (6) 312 Ah maint-free (AGM) batteries

Specifications are subject to change without notice.



Nilfisk, Inc.

9435 Winnetka Avenue North
Brooklyn Park, MN 55445
www.nilfisk.us
Phone 800-850-5559
Fax 800-989-6566

Nilfisk Canada Co.

240 Superior Boulevard
Mississauga, Ontario, Canada L5T 2L2
www.nilfisk.ca
Phone 800-668-8400
Fax 800-263-5111



©2020, Nilfisk, Inc. Printed in U.S.A., Form L1899A_0420