

# Advolution™ 20B/20BT/24B/24BT

Battery Burnishers



Smart cleaning.

A Nilfisk-Advance Brand



# Advolution™ 20B/20BT/24B/24BT

## Battery Burnishers



Superior Shine in a Sleek, New Design.  
All at an Affordable Price.

When the job calls for restoring your floor's gloss, the affordable Advance Advolution™ battery burnisher outshines even its contemporary new look.

The Advolution walk-behind battery burnisher delivers consistent and even polishing with a self-regulating pad pressure and a floating, flexible pad driver. This eliminates the need for operators to make adjustments to the pad pressure. The Advolution is available with a 20 or 24 inch burnishing path with either pad assist or traction drive.

Choose from either wet batteries for dependable long run time, or maintenance-free AGM gel type batteries for even longer run time. The onboard battery charger allows for convenient charging at any 120 volt outlet so that operators don't have to return the machine to a storage area.

Safety isn't sacrificed for price and performance, either. An angle-activated safety switch keeps the machine from starting when tipped back in the pad change position. Superior mobility and line of sight mean the Advolution battery burnisher is just as safe when running.

### *Ideal applications include:*

- K-12 Schools
- Colleges and Universities
- Hospitals and Healthcare Facilities
- Supermarkets
- Retail Stores and Shopping Centers
- Government Buildings

The Advolution battery burnisher is easier to use than any other burnisher in the market – just turn it on and go. The burnishing deck automatically lowers to the floor when the burnisher motor turns on, and returns to a raised position when the motor is turned off. Simple controls minimize training time and expense.

All models feature the best passive dust control in the market, which helps improve indoor air quality. A felt seal contains all dust within a specially designed shroud, directing it into a dual-port, disposable filter bag. For facilities where indoor air quality is even more critical, optional active dust control is available with the addition of an Adgility™ hip-style vacuum on the front of the machine.

Whichever model you choose, the Advance Advolution battery burnisher gives you high performance, cleaner indoor air quality, and competitively priced equipment demanded in today's market – all in a new, modern design.



Two port dust bag is easy to access for bag changes



Optional vacuum available for active dust control



Easy to operate control panel and palm switches



Pad changes are easier with the tip back design of the Advolution™

Better site lines with shorter machine body than traditional burnishers

Reverse button

Palm switches for easy operation

Advolution™ tips back for easy pad changes

Traction drive model is transaxle driven

Heavy-duty Industrial caster wheels

Easy to access dust bag

Flexible shroud and felt dust seal captures all dust

FEATURES AND BENEFITS

**Safety:** An angled safety switch ensures that the machine cannot be activated when it is tipped back to conveniently change the pad.

**Sustainability:** Maintenance-free AGM gel type batteries provide longer run-time and overall useful life (optional).

**Environmental Impact:** Long-lasting AGM gel type batteries eliminate the risk of acid spill and gassing during charging.

**Ergonomics:** Operator handles are designed for maximum comfort and maneuverability.

**Sound Level:** At just 65 or 68 dB A, operators can burnish anytime, day or night.

**Air Quality:** An innovative felt-sealed system captures all dust and provides the best dust collection of any burnisher.



## Technical Specifications

Models	Advolution™ 20B	Advolution™ 20BT	Advolution™ 24B	Advolution™ 24BT				
Burnishing Swath / Pad Diameter	20 in (50.8 cm)	20 in (50.8 cm)	24 in (61 cm)	24 in (61 cm)				
Power	36 V, (3) 12 V batt.	36 V, (3) 12 V batt.	36 V, (3) 12 V batt.	36 V, (3) 12 V batt.				
Traction	Pad Assist	Power Traction	Pad Assist	Power Traction				
Low Battery Protection	ALL MODELS							
Onboard Charger	36 V, 25 A DC, 85 - 265 V / 45 - 65 Hz AC – ALL MODELS							
Pad Motor	2.5 hp (1.9 kW)	2.5 hp (1.9 kW)	3.25 hp (2.4 kW)	3.25 hp (2.4 kW)				
Transaxle Traction Motor	.5 hp (.37 kW) – ALL MODELS							
Pad RPM (On the Floor)	2,000 rpm	2,000 rpm	1,600 rpm	1,600 rpm				
Pad Pressure	Self Regulation to 30 lb (13 kg) – ALL MODELS							
Forward Speed	–	0 - 240 ft/min (73.2 m/min)	–	0 - 240 ft/min (73.2 m/min)				
Reverse Speed	–	0 - 170 ft/min (51.8 m/min)	–	0 - 170 ft/min (51.8 m/min)				
Sound Level	68 dB A	68 dB A	65 dB A	65 dB A				
Drive Wheels	1.62 in x 8 in (4 cm x 20 cm) – ALL MODELS							
Polishing Rate (maximum)	24,000 ft <sup>2</sup> / hr (7,315 m <sup>2</sup> / hr)	24,000 ft <sup>2</sup> / hr (7,315 m <sup>2</sup> / hr)	28,800 ft <sup>2</sup> / hr (8,778 m <sup>2</sup> / hr)	28,800 ft <sup>2</sup> / hr (8,778 m <sup>2</sup> / hr)				
Polishing Rate (practical)	17,600 ft <sup>2</sup> / hr (5,365 m <sup>2</sup> / hr) – 20B and 20BT		21,120 ft <sup>2</sup> / hr (6,437 m <sup>2</sup> / hr) – 24B and 24BT					
Length	50 in (127 cm)	50 in (127 cm)	54.5 in (138 cm)	54.5 in (138 cm)				
Width	23 in (58 cm)	23 in (58 cm)	27 in (68.6 cm)	27 in (68.6 cm)				
Height	41.25 in (105 cm)	41.25 in (105 cm)	42.5 in (108 cm)	42.5 in (108 cm)				
Batteries	200 Ah	234 Ah AGM	200 Ah	234 Ah AGM	220 Ah	234 Ah AGM	220 Ah	234 Ah AGM
Weight w/Batteries	487 lb (221 kg)	600 lb (272 kg)	501 lb (227 kg)	614 lb (279 kg)	558 lb (253 kg)	638 lb (289 kg)	572 lb (259 kg)	652 lb (296 kg)
Weight w/o Batteries	584 lb (265 kg)	697 lb (316 kg)	598 lb (271 kg)	711 lb (323 kg)	689 lb (313 kg)	769 lb (349 kg)	703 lb (319 kg)	783 lb (355 kg)
Part Numbers								
Passive Dust Control	01595A	01597A	01594A	01596A	01575A	01577A	01574A	01576A
Active Dust Control	01585A	01587A	01584A	01586A	01565A	01567A	01564A	01566A

Specifications are subject to change without notice.



### Accessories and options:

- Passive vacuum paper bags
- Active vacuum paper bags
- Active vacuum cloth bag
- Aqua HS burnishing pads
- Natural blend tan HS burnishing pads
- Natural blend white HS burnishing pads
- Passive dust control (standard)
- Self regulating pad pressure (standard)
- Onboard charger (standard)

### Smart cleaning.

Our products are designed using innovative technology that increases productivity and drives down the cost to clean.

Maintain peak performance with Nilfisk Genuine OEM Parts.

