

# Advolution™ 20B/20BT/24B/24BT

Battery Burnishers



## FACT SHEET



### 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 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 an 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.

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.

### TYPICAL APPLICATIONS INCLUDE

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

### STANDARD FEATURES INCLUDE

- Passive dust control
- Self regulating pad pressure
- Quiet at 65 or 68 dB A
- Simple to operate controls
- Onboard charger

### OPTIONAL ACCESSORIES INCLUDE

- 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



# Advance Advolution™ 20B/20BT/24B/24BT

## Battery Burnishers

### Defining Cleaning Innovation...

- 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*



Two port dust bag is easy to access for bag changes.



Optional active dust control vacuum available.



## Technical Specifications

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

Specifications are subject to change without notice.



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recyclable



Easy to operate control panel and palm switches.



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