

BU800™ 20B/20BT/24B/24BT

Battery Burnishers



Smart cleaning.

A Nilfisk-Advance Brand

BU800™ 20B/20BT 24B/24BT

Battery Burnishers

Ideal applications include:

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



Superior Shine. Easier to Use Design.

When the job calls for restoring your floor's gloss, the Advance BU800™ battery burnisher outshines even its updated look.

Operators of the BU800 will sense a whole new feel and experience when burnishing. A more rigid frame and nine vibration isolators have turned the operation of the BU800 into the smoothest burnishing experience in the market.

With an updated, double-pivot pad-driver design, the BU800 burnishing pad stays in alignment and allows the pad to follow the floor contours, leaving a more consistent gloss. Combining the pad-driver design with the self-regulating pad pressure, operators have an easy to use, battery walk-behind burnisher that saves labor time and dollars.

Adding to the ease of operation is the self-lowering burnishing deck. When the palm switches on the handle are activated, the burnishing deck automatically lowers to the floor. When the palm switches are released, the deck automatically returns to a raised position. Simple controls also minimize training time of operators.

Choose from a 20 inch or 24 inch burnishing path, and 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 need to return the machine to a storage or charging area.

Safety isn't sacrificed for price and performance. An angle-activated safety switch keeps the machine from starting when tipped back in the pad change position. Superior mobility and line of site during operation add to its safety when in operation.

The best passive dust control in the market is included on all models, which contributes to improved indoor air quality during operation. 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.

The Advance BU800 battery burnisher delivers the smooth performance, consistent shine, and cleaner indoor air quality that is demanded by today's customers.

Better site lines with shorter machine body than traditional burnishers

Reverse button

Palm switches for easy operation

Easy to access dust bag

BU800™ tips back for easy pad changes

Heavy-duty Industrial caster wheels

Traction drive model is transaxle driven

Flexible shroud and felt dust seal captures all dust



Designed for Safety, Comfort and the Environment.



Easy to operate control panel and palm switches. Non-traction model shown.



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



Pad changes are easier with the tip back design of the BU800™.



Traction drive model features speed control and reverse button.



Optional vacuum available for active dust control.



Choose between wet cell or service-free AGM batteries. Onboard charger is standard.

Technical Specifications

Model	BU800™ 20B	BU800™ 20BT	BU800™ 24B	BU800™ 24BT
Burnishing Path / 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.
Drive (Traction or Non-Traction)	Non-Traction	Traction	Non-Traction	Traction
Transaxle Traction Motor	–	0.5 hp (0.371 W)	–	0.5 hp (0.371 W)
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)
Low Battery Protection	Yes - 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)
Pad RPM (on the floor)	2,000 rpm	2,000 rpm	1,600 rpm	1,600 rpm
Pad Pressure	Self Regulating up to 30 lb (13 kg) - ALL MODELS			
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 ² /hr (7,315 m ² /hr) 20B / 20BT		28,000 ft ² /hr (8,778 m ² /hr) 24B / 24BT	
Polishing Rate (Practical)	17,600 ft ² /hr (5,365 m ² /hr) 20B / 20BT		21,120 ft ² /hr (6,437 m ² /hr) 24B / 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 with Batteries	551 lb / 596 lb (250 kg) / (270 kg)	565 lb / 609 lb (256 kg) / (276 kg)	564 lb / 612 lb (256 kg) / (278 kg)	578 lb / 629 lb (262 kg) / (285 kg)
Shipping Weight	597 lb / 642 lb (271 kg) / (291 kg)	611 lb / 655 lb (277 kg) / (297 kg)	610 lb / 658 lb (277 kg) / (298 kg)	624 lb / 675 lb (283 kg) / (306 kg)
Part Numbers				
Passive Dust Control	56383510 / 56383512	56383509 / 56383511	56383519 / 56383521	56383518 / 56383520
Active Dust Control	56383506 / 56383508	56383505 / 56383507	56383515 / 56383517	56383514 / 56383516

Specifications are subject to change without notice.



Accessories and model options

- 20 or 24 inch burnishing path
- Wet cell or AGM batteries
- Onboard charger (standard)
- Non-traction or traction drive
- Passive or Active dust control
- 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
- Automatic, continuous pad alignment (standard)



Smart cleaning.

Our products are designed using innovative technologies that increase productivity and drive down the cost to clean.

Maintain peak performance with Nilfisk Genuine OEM Parts.



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14600 21st Avenue North
Plymouth, MN 55447-3408
www.advance-us.com
Phone 800-850-5559
Fax 800-989-6566

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

