

# Nilfisk Single disc machines and Burnishers



# The most complete range of floor machines ever



Every floor has its own individual characteristics, and caring for a floor in a professional way means having the right machine to suit the needs of the job. That's why this range of single disc machines and burnishers from Nilfisk-Advance is important. Never before has there been such a complete selection available from a single source. Machines for light-duty use, everyday cleaning and real heavy-duty work. Whether the demand is for scrubbing, polishing, spray cleaning, stripping, burnishing or bonnet mopping, there is a unit here for you. And knowing that it comes from a global leader in professional cleaning equipment, you can be sure that reliability, easy operation, durability, safety and ergonomics are built in as standard. For us, quality is a way of life.



SD M 43-DUO with optional Vacuum unit and suction skirt



The SD and SDM models are all fitted with the new, wide-angle, ergonomic handle, with smooth round edges, for greater comfort, easier operation and less fatigue.



The large wheels make it possible to move the machines over thresholds, steps and up and down stairs.



SD 43-165



SD 43-400

# Low speed range

## PS 333A

Weighing only 23 kg, this compact 188 rpm machine is perfect for hard floor maintenance, including light scrubbing and polishing in congested areas. The low profile allows cleaning under furniture. It is also easy to transport to different cleaning locations.

- All functions controlled from the operating handle with built-in safety grip
- Variable height adjustment to suit different users



PS 333A

## SD 43-165

This 165 rpm machine has a 43 cm brush/pad diameter and is designed for lighter cleaning tasks. Scrubbing, spray cleaning and polishing of hard floors, for example, are handled efficiently and quickly.

- Lightweight and easy to handle
- Unique handle design for comfort and less fatigue during long shifts

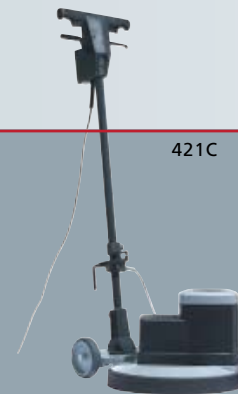


SD 43-165

## SDM 43-180

The special Nilfisk design is well in evidence in this efficient 180 rpm low-speed machine. Ideal for polishing, spray cleaning, scrubbing and stripping of hard floors, it is designed for comfortable, fatigue-free operation and effective results.

- Solid aluminium construction for durability
- Excellent balance and easy operation



421 C

## 421 C

This is the classic medium/ heavy duty unit for such jobs as polishing, spray cleaning, scrubbing, stripping and bonnet mopping. Foam cleaning, vitrification, scarifying, sanding and other special applications can also be efficiently handled. The key lies in the combination of high brush pressure and torque.

- Helical gear drive for tough cleaning situations
- Wide range of brushes and pads allows customizing for specific applications

## 510B/510B3

These robust heavy-duty machines offer high cleaning power and exceptional results in both wet and dry cleaning. The extra torque makes for fast and productive heavy scrubbing and scarifying of hard floors. Furthermore, the 3-phase version handles severe applications including ice breaking.

- Gearbox drive for tough cleaning jobs
- Ergonomic design minimises stress and fatigue



SDM 43-180



510B/510B3



# High speed range

## SD 43-400

This 400 rpm machine has a 43 cm brush/pad diameter and is designed for light cleaning tasks, such as polishing, scrubbing and spray cleaning of hard floors. It is light-weight and easy to operate, and is fitted with a unique, ergonomic handle for comfort and less fatigue during long shifts.

- Easy manoeuvrability makes cleaning fast and easy
- Various accessories available for different applications

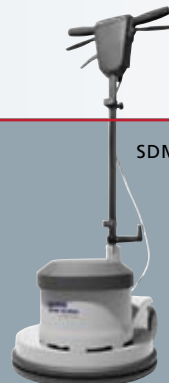


SD 43-400

## SDM 43-DUO

This dual speed machine offers the choice of either 190 or 380 rpm for easy, efficient and cost-effective maintenance of virtually all floors. Built for medium-duty use, this unit handles stripping or scrubbing as well as high-speed spray cleaning or polishing.

- A range of optional accessories to suit specific tasks
- Visible red cord and numerous other safety features



SDM 43-DUO

## SDM 43-450

Ideal for high-speed polishing and spray cleaning of hard floors, this 450 rpm machine is designed for medium-duty usage. The balance is excellent and the solid aluminium construction provides durability and extended life.

- Designed for easy operation and operator comfort
- Manoeuvres easily for fast and consistent performance



545

## 545

This high-speed unit features 3-step integrated active dust extraction for dust-free, polymer film coat renovation. This means that hard floors can be cleaned and polished without the inconvenience of conventional water and chemical usage. Fantastic productivity gains can be achieved.

- Up to 60 percent labour cost savings are possible
- HEPA filter available for clean rooms and total dust-free applications



The two-speed option on the SDM 43-DUO allows the operator to choose either 190 rpm or 380 rpm for full versatility and top class results

# Ultra high speed

## SDM 43-900

With 900 rpm speed and a 43 cm brush/pad diameter, this electric cord burnisher offers high productivity in polishing and maintaining high gloss floors. The built-in multi-directional system allows effective cleaning in hard-to-reach areas.

- Highly manoeuvrable and simple to operate



SDM 43-900

## SDM 53-1500

This ultra high speed machine covers large areas with maximum efficiency and in the minimum of time. Ideal for building a long lasting shine to hard floors, this electric cord burnisher is also the right choice for high productivity in polishing and maintenance of floors in medium duty applications.

- Range of pads and other accessories available
- Ergonomically designed for operator comfort



SDM 53-1500

## UHB 51-1500

Ideal for medium/large hard floors. With attention to detail, the UHB 51-1500 has the right handling, accurate pad pressure, and superb dust control to produce a professional finish with value-adding productivity gains.

- Self-regulating pad pressure eliminates the need for adjustments & reduces operator errors.
- The burnishing deck automatically lifts when the motor is turned off for better floor protection.



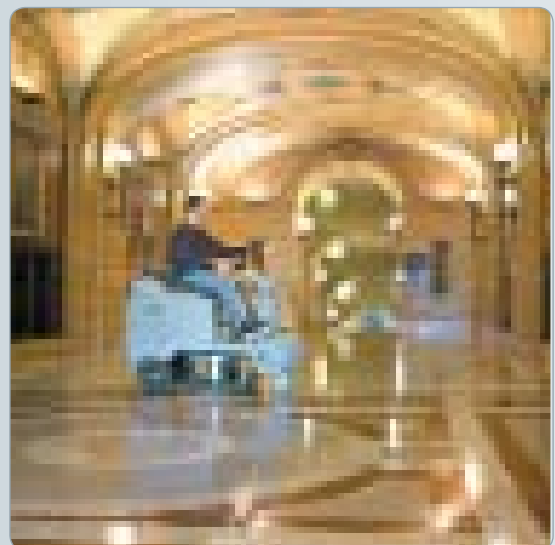
UHB 51-1500

## UHR 70-1700

This battery powered ride-on burnisher provides quiet and productive coverage of large hard floor areas, such as airport terminals, shopping centres and hospitals. The extended battery runtime allows an exceptional coverage of 12,500 m<sup>2</sup> on a single battery charge.

The 1700 rpm pad speed utilizes three different pressure settings for a consistent finish every time.

- Unique One-Touch™ electronic control function simplifies operation for better results
- Active dust-control kit is optionally available for extra dust filtration where required



# There's a Nilfisk machine for every floor cleaning job

LOW SPEED RANGE	Unit	PS 333A	SD 43-165	SDM43-180	421C	510B/510B3
Cable length	m	10	12.5	12.5	12	12/25
Protection class/ IP Protection		II/IP43	I/IPX4	I/IPX4	I/IP43	I/IP43
Rated power	w	500	1000	1200	1000/1200	1500
Sound pressure level at 1.5m	dB(A)	54	58	60	63	64
Brush/ Pad diameter	mm	330	430	430	410	510
Brush/Pad pressure	g/cm <sup>2</sup>	37	29	35	37	51
Brush/ Pad speed	rpm	188	165	180	175	145
Brush torque	nm	25	57	65	67	98
Length x width x height	cm	40x33x112	56x43x117	53x43x117	51x51x118	61x61x121
Height motorhousing	mm	220	340	310	275/320	315
Height with handle vertical	mm	1120	1170	1170	1180	1210
Weight	kg	22	30	36	44	67
HIGH SPEED RANGE	Unit	SD 43-400	SDM 43-DUO	SDM 43-450	545	
Cable length	m	12.5	12.5	12.5	20	
Protection class/ IP Protection		I/IPX0	I/IPX4	I/IPX0	II/IP44	
Rated power	w	1100	1200-1500	1500	2700	
Sound pressure level at 1.5m	dB(A)	61	65	62	69	
Brush/ Pad diameter	mm	430	430	430	500	
Brush/Pad pressure	g/cm <sup>2</sup>	30	39	39	34	
Brush/ Pad speed	rpm	400	190/380	450	450	
Brush torque	nm	26	65/40	37	50	
Length x width x height	cm	56x43x117	53x43x117	53x43x117	60x60x118	
Height motorhousing	mm	340	310	310	500	
Height with handle vertical	mm	1170	1170	1170	1180	
Weight	kg	31	40	40	54	
ULTRA HIGH SPEED	Unit	SDM 43-900	SDM 53-1500	UHB 51-1500	UHR 70-1700	
Cable length	m	12.5	12.5	-	-	
Protection class/ IP Protection		I/IPX0	I/IPX0	I/IPX4	I/IP30	
Rated power	w	1500	1800	1500	2650-3200	
Sound pressure level at 1.5m	dB(A)	65	67	68	69	
Brush/ Pad diameter	mm	430	530	510	690	
Brush/Pad pressure	g/cm <sup>2</sup>	12	10	Auto	3 settings	
Brush/ Pad speed	rpm	900	1500	1500	1700	
Brush torque	nm	14	12	Auto	Auto	
Length x width x height	cm	60x43x117	79x55x117	136x56x106	166x91x137	
Height motorhousing	mm	310	350	-	-	
Height with handle vertical	mm	1170	1170	-	-	
Weight	kg	42	46	88	546 incl. battery	

☞ Specifications and details are subject to change without prior notice.



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