

Boost your productivity in large area cleaning

The BA651/751/851 series represents a real innovation in the world of scrubber dryers and a concrete added value for cleaning professionals. Now all the machines are equipped with Ecoflex™ system, which keeps the consumption control, but it also guarantees the possibility to boost temporarily water, detergent and brush pressure for all the more aggressive cleaning tasks.




Never before has there been such an outstanding combination of modern ergonomic design, high performance and superb traction. This is the complete walk-behind unit for large area cleaning. More versatility, up to 30 percent greater productivity, better-than-ever reliability, extremely silent operation, and the most advanced ergonomics available.

- Ecoflex™ option, detergent mixing system
- Extremely low noise level (down to 58 dB(A)) for daytime cleaning
- Combination of 86 cm scrubbing width, and large capacity tanks provide high productivity
- Robust construction, state of the art design and better materials offer more reliability and longer working life
- Interchangeable brush decks allow a choice of 3 different disc sizes or 71 cm cylindrical



Picture shown may not represent model quoted

• Standard equipment

| Included accessories | | Ref. no. | Min. required | SCRUBBER BA 651 | SCRUBBER BA 851 |
|-------------------------------------------------------------------------------------|---------------------------------------|--------------|---------------|-----------------|-----------------|
| Squeegee Blade | | | | | |
|  | BLADES SQUEE. 890MM 35 GUM RUBBER KIT | 9100000281 | 1 | • | |
| Squeegee, Blade, Skirt and Splash Guard | | | | | |
|  | BLADES NON MARKING | 9100000282 | 1 | | • |
| Splash Guard | | | | | |
| | SPLASH GUARD DECK 650MM/26 | 909 5224 000 | 1 | • | |
|  | SPLASH GUARD DECK 750MM/30 | 909 5345 000 | 1 | | |

Model SCRUBBER BA 651 SCRUBBER BA 851

Ref. no. 9087240020 9087247020

PRODUCT FEATURES

| | | |
|-----------------------------|---|---|
| Disc brush version | • | • |
| Front and rear bumpers | • | • |
| Automatic brush shut off | • | • |
| Automatic solution shut off | • | • |

NILFISK

All information provided in this document is subject to change without prior notice

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| Model | SCRUBBER BA 651 | SCRUBBER BA 851 |
|-----------------------------------------------------|-----------------|-----------------|
| Ref. no. | 9087240020 | 9087247020 |
| PRODUCT FEATURES | | |
| Cylindrical brush version | | |
| Interchangeable brush deck | • | • |
| Adjustable brush pressure | • | • |
| Hopper for collecting debris | | |
| Adjustable handle | • | • |
| Click on-off brush | • | • |
| One-Touch™ control panel | • | • |
| Removable recovery lid | • | • |
| Water level indicator | • | • |
| Debris tray | • | • |
| Ecoflex prepared | • | • |
| Squeegee | | |
| Technical specifications | | |
| Plug type | - | - |
| Max. running time (hour) | 4.3 | 4.3 |
| Max. speed (km/h) | 5.6 | 5.6 |
| Voltage (V) | 24 | 24 |
| IP protection class | IPX4 | IPX4 |
| Insulation class | III | III |
| Rated power (W) | 1420 | 1420 |
| Brush motor (W) | 2 x 400 | 2 x 400 |
| Traction motor power (W) | 200 | 200 |
| Vacuum motor power (W) | 420 | 420 |
| Airflow (L/sec) | 29.6 | 29.6 |
| Vacuum (kPa) | 14.2 | 14.2 |
| Sound pressure level at 1.5 m (dB(A) ISO 3744) | 58 | 58 |
| Productivity theoretical/actual (m ² /h) | 3700/2200 | 4820/2895 |
| Scrubbing width (mm) | 660 | 860 |
| Min. turn-around aisle width (cm) | 200 | 200 |
| Water flow (l/m) | 1.1/3.4 | 1.1/3.4 |
| Solution/recovery tank (L) | 85/85 | 85/85 |
| Squeegee width (mm) | 890 | 1040 |
| Brush/pad diameter (mm) | 330/330 | 430/432 |
| Brush pressure (kg) | 32/52 | 32/52 |









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Technical specifications












SCRUBBER BA 651 SCRUBBER BA 851

| | | |
|------------------------------|---------------|---------------|
| Brush speed (RPM) | 220 | 220 |
| Brush quantity and type | 2 Disc | 2 Disc |
| Length x width x height (mm) | 1500x600x1050 | 1570x600x1050 |
| Gross weight (gvw) (kg) | 470 | 470 |
| Net weight (kg) | 178 | 178 |










● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

| Accessories | | Ref. no. | Min. required | SCRUBBER BA 651 | SCRUBBER BA 851 |
|------------------------------------------------------------------------------------|-----------------------------|----------|---------------|-----------------|-----------------|
| Pad 13" / 330 mm | | | | | |
|  | PAD 13 330MM ECO RED | 10001914 | 2 | □ | |
| Pad 14" / 355 mm | | | | | |
|  | PAD 14 355MM ECO BLUE 5PCS | 10001917 | 2 | | □ |
|  | PAD 14 355MM ECO BROWN | 10001918 | 2 | | □ |
|  | PAD 14 355MM ECO GREEN | 10001919 | 0 | | □ |
|  | PAD 14 355MM ECO RED | 10001920 | 2 | | □ |
|  | PAD 14 355MM ECO WHITE | 10001921 | 0 | | □ |
| Pad 17" / 432 mm | | | | | |
|  | PAD 17 432MM ECO BLACK 5PCS | 10001938 | 2 | | □ |
|  | PAD 17 432MM ECO BLUE 5PCS | 10001939 | 2 | | □ |










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|------------------------------------------------------------------------------------|-----------------------------------------|----------|---------------|-----------------|--------------------------|
|  | PAD 17 432MM ECO GREEN 5PCS | 10001940 | 0 | | <input type="checkbox"/> |
|  | PAD 17 432MM ECO RED 5PCS | 10001941 | 2 | | <input type="checkbox"/> |
|  | PAD 17 432MM ECO WHITE 5PCS | 10001936 | 2 | | <input type="checkbox"/> |
| Special Pad | | | | | |
|  | PAD 17 432MM ECO BRILLIANCE BLUE 2PCS | 10002337 | 2 | | <input type="checkbox"/> |
|  | PAD 17 432MM ECO BRILLIANCE GREEN 2PCS | 10002339 | 2 | | <input type="checkbox"/> |
|  | PAD 17 432MM ECO BRILLIANCE RED 2PCS | 10002336 | 0 | | <input type="checkbox"/> |
|  | PAD 17 432MM ECO BRILLIANCE YELLOW 2PCS | 10002338 | 2 | | <input type="checkbox"/> |
| Brush Cylindrical | | | | | |
|  | BRUSH 46 GRIT 28-ORANG/BROWN | 56412195 | 2 | | |
|  | BRUSH 180 GRIT 28-BLUE/GREY | 56412193 | 2 | | |
|  | BRUSH HARD NYLON 28-NATURAL | 56412192 | 2 | | |
|  | BRUSH POLYPROPYLENE 28-RED | 56412046 | 2 | | |





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| Accessories | | Ref. no. | Min. required | SCRUBBER BA 651 | SCRUBBER BA 851 |
|-------------------------------------------------------------------------------------|---------------------------------------|--------------|---------------|-----------------|-----------------|
|  | BRUSH SOFT NYLON 28-YELLOW | 56412191 | 2 | | |
| External Charger | | | | | |
|  | CHARGER HF 24V 25A SB120R | 80542425 | 1 | ○ | ○ |
| Battery | | | | | |
|  | BATT. 6V-180AH GEL | 80564000 | 4 | □ | □ |
|  | BATT. 6V-240AH GEL MONOBLOC | 80564100 | 4 | □ | □ |
|  | BATT. 6V-255AH WET SEMI | 80565000 | 4 | □ | □ |
| | SEMI TRACTION MONO BLOCK | 80564900 | 0 | □ | □ |
| Other | | | | | |
| | BAND RUBBER KIT | 909 6734 000 | 0 | □ | □ |
|  | COUNTER HOUR 24V KIT | 9096951000 | 1 | □ | □ |
|  | FILTER ANTIFOAMING | 909 5065 000 | 0 | □ | □ |
| | WHEEL CASTOR D.100X30 TWINNED SOFT SS | 909 5511 000 | 1 | □ | □ |
| Squeegee Blade | | | | | |
|  | BLADES PU KIT | 9096991000 | 1 | □ | |
|  | BLADES SQUEE. 890MM 35 GUM RUBBER KIT | 9100000281 | 1 | ● | |
| Ecoflex System | | | | | |

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| Accessories | | Ref. no. | Min. required | SCRUBBER BA 651 | SCRUBBER BA 851 |
|-------------------------------------------------------------------------------------|------------------------------------------|--------------|---------------|-----------------|-----------------|
|  | ECOFLEX DETERGENT SOLUTION KIT | 9097457000 | 1 | □ | □ |
| Splash Guard | | | | | |
|  | SPLASH GUARD BRISTLE 650MM 26 | 9097474000 | 1 | ○ | |
| | SPLASH GUARD DECK 650MM/26 | 909 5224 000 | 1 | ● | |
|  | SPLASH GUARD DECK 750MM/30 | 909 5345 000 | 1 | | |
|  | SPLASH GUARD W/BRISTLES | 9097475000 | 1 | | |
| Disc Brush 430 mm | | | | | |
|  | BRUSH DISC 430MM 17 GRIT 180 GREY | 9097579000 | 2 | | □ |
| Pad Holder | | | | | |
|  | PAD HOLDER BRIST. 13 330MM W/CENTER LOCK | 909 5330 000 | 2 | □ | |
| | PAD HOLDER BRIST. 14 370MM W/CENTER LOCK | 909 5331 000 | 2 | | |
| Disc Brush 330 mm | | | | | |
|  | BRUSH DISC 330MM 13 MID GRIT 240 | 909 5334 000 | 2 | □ | |
|  | BRUSH DISC 330MM 13 MIDLITE GRIT 180 | 909 5336 000 | 2 | □ | |
|  | BRUSH DISC 330MM 13 PROLENE BLUE | 909 5332 000 | 2 | □ | |
| | BRUSH DISC 330MM 13 PROLITE | 909 5338 000 | 2 | □ | |
| | BRUSH DISC 330MM 13 UNION MIX | 909 5340 000 | 2 | □ | |
| Disc Brush 370 mm | | | | | |
| | BRUSH DISC 370MM 14.5 MID GRIT 240 | 909 5335 000 | 2 | | |

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|-----------------------------------------------------------------------------------|----------------------------------------|--------------|---------------|-----------------|-----------------|
| | BRUSH DISC 370MM 14.5 MIDLITE GRIT 180 | 909 5337 000 | 2 | | |
|  | BRUSH DISC 370MM 14.5 PROLENE BLUE | 909 5333 000 | 2 | | |
|  | BRUSH DISC 370MM 14.5 PROLITE | 909 5339 000 | 2 | | |
| Detergent Equipment | | | | | |
|  | TANK CHEMICAL KIT | 909 6903 000 | 1 | □ | □ |
| Squeegee, Blade, Skirt and Splash Guard | | | | | |
|  | BLADES NON MARKING | 9100000282 | 1 | | • |