

ecoflex™



MORE MOBILITY FOR
BETTER CLEANING
PERFORMANCE



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 **Nilfisk**
trusted since 1906

HEAVY-DUTY CLEANING MADE EASY

The Nilfisk BR 1100S/1300S is tough enough to handle heavy-duty cleaning applications in industrial facilities, yet compact and manoeuvrable enough to also handle commercial cleaning tasks. BR 1100S/1300S is the most productive unit in its class. With more scrub path options, disc or cylindrical interchangeable scrub decks, a drive wheel torque regulator for better control and enhanced traction, as well as better suction efficiency, this unit simply outperforms other similarly sized scrubber/dryers. Furthermore all the machines are now equipped with the 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.

- Ecoflex system: complete consumption control without any compromise with cleaning performance
- Traction control button regulates drive wheel torque to maximise grip in difficult working conditions
- Choice of scrubbing paths up to 1.3 metres
- Disc or cylindrical interchangeable scrub decks
- Side brushes to eliminate manual sweeping along racks and walls
- 265 litre water capacity and ECO Solution mode allow you to clean more than 1.5 hours without water refill
- Better productivity through higher scrubbing speed
- OneTouch™ control for all operations means fewer operator errors and better cleaning results
- State-of-the-art squeegee system leaves floors drier for added safety

” Better design gives added value “



Ecoflex chemical kit (optional): easy accessible detergent cartridges



Retractable side brooms on cylindrical models sweep debris away from pallets

ecoflex™

The exceptional Ecoflex system allows the operator to match the floor cleaning machine's performance to the soil on the floor and the required level of clean. When encountering more soiled areas of the floor, the operator can activate the "burst of power" button for extra cleaning performance, and as easily return to original settings for minimum usage of water, detergent and power. Green meets clean.



Tilt steering wheel for easy boarding, plus ergonomically designed operator compartment for safety and comfort



Tip-out and lift-off recovery tank



The powerful drive motor and excellent traction allows easy climbing of ramps and inclines of up to 16%

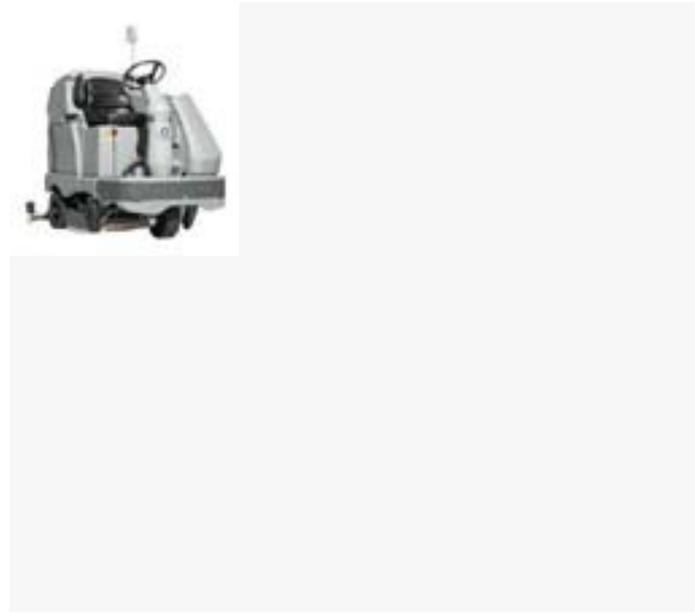
Better design ensures more productivity

The squeegee system provides nearly 100% water pick-up on tight turns, leaving the floors clean, dry and safe for traffic. The BR 1100S/1300S also feature EDS - ECO Dosage Solution - which eliminates detergent and water waste and ensures proper dilution ratios. Together the large scrub deck, EDS, the 265 litre solution tank and a working speed of 9 km/h, give you an economical, efficient result.

Models ending in C are cylindrical brush versions.

- **HIGH PRODUCTIVITY:** 1 to 1,3 m scrubbing path, 265 litre capacity, high working speed.
- **EFFICIENCY:** heavy duty cylindrical and disc decks, wide variety of scrubbing brushes, perfect vacuuming, dual side brooms, to sweep, scrub and dry all floors.
- **COMFORTABLE TO USE:** One touch control, ergonomical operator compartment with tilt steering wheel and unsurpassed visibility.
- **SAFETY:** "Traction control" to adjust traction to working condition, dual disc brakes and perfect vacuuming.

The Nilfisk BR 1100S/1300S range of scrubber/dryers boasts the most variety of scrubbing options in its class. To meet your cleaning needs, disc or cylindrical interchangeable scrub decks are available in 1000 or 1300 mm. With the cylindrical model, side brooms eliminate manual sweeping along racks



Picture shown may not represent model quoted

• Standard equipment

| Included accessories | | Ref. no. | Min. required | BR1100S | BR1100S C | BR1300S C |
|--|------------|----------|---------------|---------|-----------|-----------|
|  | Side Broom | | | | | |
| | SIDE BROOM | 56413056 | 2 | | • | • |

| | | | |
|----------|----------|-----------|-----------|
| Model | BR1100S | BR1100S C | BR1300S C |
| Ref. no. | 56413006 | 56413007 | 56413011 |

PRODUCT FEATURES

| | | | |
|------------------------------|---|---|---|
| Front and rear bumpers | • | • | • |
| Side broom | | • | • |
| Hopper for collecting debris | | • | • |
| Disc deck: 2 brushes | • | | |
| Cylindrical deck: 2 brushes | | • | • |
| Disc deck: 3 brushes | | | |
| Ecoflex prepared | • | • | • |

Better design ensures more productivity

| Technical specifications | BR1100S | BR1100S C | BR1300S C |
|---|----------------|----------------|----------------|
| Energy Label | | | |
| Solution pump min/max (ltr/min at 100 psi) | 3,1 - 9,4 | 3,1 - 9,4 | 3,1 - 9,4 |
| Maximum running time | 5 | 5 | 5 |
| Max speed (km/h) | 9 | 9 | 9 |
| Voltage (V) | 36 | 36 | 36 |
| Rated power (W) | 4100 | 4400 | 4400 |
| Brush motor (kW) | 1 x 2,24 | 2 x 1,12 | 2 x 2,12 |
| Traction motor power (W) | 1300 | 1300 | 1300 |
| Vacuum motor power (W) | 560 - 3 stages | 560 - 3 stages | 560 - 3 stages |
| Sound pressure level at 1.5 m (dB(A) ISO 3744) | 72 dB(A) | 72 dB(A) | 72 dB(A) |
| Productivity rate theoretical/ actual (m ² /h) | 9000/6300 | 9000/6300 | 11700/8190 |
| Scrubbing width (mm) | 1000 | 1000 | 1300 |
| Min. turn-around aisle width (cm) | 213 | 213 | 213 |
| Solution/recovery tank (l) | 265/265 | 265/265 | 265/265 |
| Squeegee width (mm) | 1250 | 1250 | 1450 |
| Brush/pad diameter (mm) | 2 X 505 | 2 cylindricals | 2 cylindricals |
| Brush pressure (kg) | 43/90/145 | 38/54/90 | 38/54/90 |
| Brush speed (rpm) | 240 | 630 | 630 |
| Length x width x height (cm) | 187x113x148 | 187x116x148 | 187x137x148 |
| Gross weight (gvw) (kg) | 1608 | 1608 | 1608 |
| Net weight (kg) | 837 | 837 | 837 |

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

| Accessories | | Ref. no. | Min. required | BR1100S | BR1100S C | BR1300S C |
|--|-----------------------------|----------|---------------|---------|-----------|-----------|
|  432mm | Pad 17" / 432 mm | | | | | |
| | PAD 17 432MM ECO BLACK 5PCS | 10001938 | 3 | | | |
| | PAD 17 432MM ECO BLUE 5PCS | 10001939 | 3 | | | |
| | PAD 17 432MM ECO GREEN 5PCS | 10001940 | 3 | | | |
| | PAD 17 432MM ECO RED 5PCS | 10001941 | 3 | | | |
| | PAD 17 432MM ECO TAN 5PCS | 10001937 | 3 | | | |
| | PAD 17 432MM ECO WHITE 5PCS | 10001936 | 3 | | | |
|  508mm | Pad 20" / 508 mm | | | | | |
| | PAD 20 508MM ECO BLACK 5PCS | 10001955 | 2 | ○ | | |
| | PAD 20 508MM ECO BLUE 5PCS | 10001956 | 2 | ○ | | |
| | PAD 20 508MM ECO BROWN 5PCS | 10001957 | 2 | ○ | | |
| | PAD 20 508MM ECO GREEN 5PCS | 10001958 | 2 | ○ | | |
| | PAD 20 508MM ECO RED 5PCS | 10001959 | 2 | ○ | | |

Better design ensures more productivity

| Accessories | | Ref. no. | Min. required | BR1100S | BR1100S C | BR1300S C |
|---|---|----------|---------------|---------|-----------|-----------|
| | PAD 20 508MM ECO TAN 5PCS | 10001954 | 2 | ○ | | |
| | PAD 20 508MM ECO WHITE 5PCS | 10001960 | 2 | ○ | | |
| Special Pad | | | | | | |
|  | PAD 17 432MM ECO BRILLIANCE BLUE 2PCS | 10002337 | 3 | | | |
| | PAD 17 432MM ECO BRILLIANCE GREEN 2PCS | 10002339 | 3 | | | |
| | PAD 17 432MM ECO BRILLIANCE RED 2PCS | 10002336 | 3 | | | |
| | PAD 17 432MM ECO BRILLIANCE YELLOW 2PCS | 10002338 | 3 | | | |
| | PAD 20 508MM ECO BRILLIANCE BLUE 2PCS | 10002349 | 2 | ○ | | |
| | PAD 20 508MM ECO BRILLIANCE GREEN 2PCS | 10002351 | 2 | ○ | | |
| | PAD 20 508MM ECO BRILLIANCE RED 2PCS | 10002348 | 2 | ○ | | |
| | PAD 20 508MM ECO BRILLIANCE YELLOW 2PCS | 10002350 | 2 | ○ | | |
| Light Option | | | | | | |
|  | BEACON KIT | 56413649 | 1 | □ | □ | □ |
| | HEADLIGHT KIT | 56314313 | 1 | □ | □ | □ |
| Ecoflex System | | | | | | |
|  | CHEM BOTTLE ASSY-AXP | 56315503 | 0 | □ | □ | □ |
| | CHEMICAL METERING KIT-EU-ECOFL | 56381108 | 1 | □ | □ | □ |
| Side Broom | | | | | | |
|  | SIDE BROOM | 56413056 | 2 | | ● | ● |
| Guard Option | | | | | | |
|  | BUMPER FRONT HEAVY KIT | 56413089 | 1 | □ | □ | □ |
| | KIT FOOT GUARD | 56413773 | 1 | □ | □ | □ |
| | OVERHEAD GUARD KIT | 56413774 | 1 | □ | □ | □ |
| Brush Cylindrical | | | | | | |
|  | BRUSH 80 GRIT 40 | 56413116 | 2 | | ○ | |
| | BRUSH 80 GRIT 48 | 56413355 | 2 | | | ○ |
| | BRUSH 180 GRIT 40 | 56413115 | 2 | | ○ | |
| | BRUSH 180 GRIT 48 | 56413354 | 2 | | | ○ |
| | BRUSH HARD NYLON 40 | 56413114 | 2 | | ○ | |
| | BRUSH HARD NYLON 48 | 56413353 | 2 | | | ○ |
| | BRUSH POLYPROPYLENE 40 | 56413118 | 2 | | ○ | |
| | BRUSH POLYPROPYLENE 48 | 56413357 | 2 | | | ○ |
| | BRUSH SOFT NYLON 40 | 56413113 | 2 | | ○ | |
| | BRUSH SOFT NYLON 48 | 56413352 | 2 | | | ○ |
| Deck Blade | | | | | | |
|  | BLADE DECK GUM RR 48 | 56413379 | 1 | | | |
| | BLADE DECK GUM FRONT | 56413318 | 1 | □ | | |

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| Accessories | | Ref. no. | Min. required | BR1100S | BR1100S C | BR1300S C | |
|--|-------------------------------|-------------------------------|---------------|---------|-----------|-----------|---|
| | BLADE DECK GUM FRONT | 56413374 | 1 | | | | |
| | BLADE DECK GUM REAR | 56413319 | 1 | □ | | | |
| | BLADE DECK GUM | 56413820 | 1 | | □ | □ | |
| | BLADE KIT-DISC GUM 40 | 56413767 | 1 | □ | | | |
| | BLADE KIT-DISC GUM 45/48 | 56413769 | 1 | | | | |
| | BLADE KIT-DISC RED GUM | 56413770 | 1 | | | | |
| | BLADE KIT-DISC RED GUM 40 | 56413768 | 1 | □ | | | |
| | SKIRT | 56413654 | 1 | | □ | □ | |
|  | Other | | | | | | |
| | | 48 DISK SCRUB KIT | 56413807 | 1 | | | |
| | | BATTERY TRAY ROLLER UNIVERSAL | 80565818 | 1 | ○ | ○ | ○ |
| | | DRAIN HOSE EXTENSION | 56601410 | 1 | ○ | ○ | ○ |
| | | FILTER ANTIFOAMING | 909 5065 000 | 1 | □ | □ | □ |
| | | KIT GRAMMER SEAT W/SWITCH | 56413764 | 1 | □ | □ | □ |
| | | KIT SOLUTION AUTO-FILL | 56413685 | 1 | □ | □ | □ |
| | | KIT SPRAY WAND | 56413687 | 1 | □ | □ | □ |
| | | KIT VACUUM MOTOR | 56413821 | 1 | □ | □ | □ |
| | | ROLL OUT KIT NO BATTERY | 56413884 | 1 | □ | □ | □ |
|  | Squeegee Blade | | | | | | |
| | | BLADE KIT-SQGEE RED GUM F | 56413762 | 1 | □ | □ | |
| | | BLADE KIT-SQUEEGEE GUM F | 56413761 | 1 | □ | □ | |
| | | BLADE KIT-SQUEEGEE GUM H | 56413765 | 1 | | | □ |
| | | BLADE KIT-SQUEEGEE PU F | 56413745 | 1 | □ | □ | |
| | | BLADE KIT-SQUEEGEE PU H | 56413747 | 1 | | | □ |
| | | KIT LINATEX SQUEEGEE BLADE H | 56413766 | 1 | | | □ |
|  | Pad Holder | | | | | | |
| | | PAD HOLDER-17 3 LUG | 56505780 | 3 | | | |
| | PAD HOLDER-20 3 LUG | 56505790 | 2 | □ | | | |
|  430mm | Disc Brush 430 mm | | | | | | |
| | | DISC BRUSH-17 AGLITE 3 LUG | 56505783 | 3 | | | |
| | | DISC BRUSH-17 DYNAGRIT 3 LUG | 56505782 | 3 | | | |
| | | DISC BRUSH-17 MAGNAGRIT 3 LUG | 56505781 | 3 | | | |
| | | DISC BRUSH-17 MIDGRIT 3 LUG | 56505787 | 3 | | | |
| | | DISC BRUSH-17 MIDLITE 3 LUG | 56505788 | 3 | | | |
| | | DISC BRUSH-17 PROLENE 3 LUG | 56505784 | 3 | | | |
| | | DISC BRUSH-17 PROLITE 3 LUG | 56505785 | 3 | | | |
| | DISC BRUSH-17 UNION MIX 3 LUG | 56505786 | 3 | | | | |

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| Accessories | | Ref. no. | Min. required | BR1100S | BR1100S C | BR1300S C |
|--|---|-----------|---------------|---------|-----------|-----------|
|  510mm | Disc Brush 510 mm | | | | | |
| | DISC BRUSH-20 AGLITE 3 LUG | 56505793 | 2 | ○ | | |
| | DISC BRUSH-20 DYNA GRIT 3 LUG | 56505792 | 2 | ○ | | |
| | DISC BRUSH-20 MAGNAGRIT 3 LUG | 56505791 | 2 | ○ | | |
| | DISC BRUSH-20 MIDGRIT 3 LUG | 56505797 | 2 | ○ | | |
| | DISC BRUSH-20 MIDLITE 3 LUG | 56505798 | 2 | ○ | | |
| | DISC BRUSH-20 PROLENE 3 LUG | 56505794 | 2 | ○ | | |
| | DISC BRUSH-20 PROLITE 3 LUG | 56505795 | 2 | ○ | | |
| | DISC BRUSH-20 UNION MIX 3 LUG | 56505796 | 2 | ○ | | |
|  | External Charger | | | | | |
| | CHARGER HF 36V 40A SB175G | 80553643 | 0 | □ | □ | □ |
|  | Battery and Charger | | | | | |
| | BATT.36V-420AH GEL SINGLE CELLS IN TRAY | 80562600 | 1 | □ | □ | □ |
| | BATT.36V-480AH WET TRAY WITH AQUAMATIC | 80562500 | 1 | □ | □ | □ |
|  | Charger Plug | | | | | |
| | CHARGER PLUG SB 175 GREY | L00190036 | 1 | ○ | ○ | ○ |

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