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You can read the recommendations in the user guide, the technical guide or the installation guide for NILFISK SCRUBTEC 343B. You'll find the answers to all your questions on the NILFISK SCRUBTEC 343B in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual NILFISK SCRUBTEC 343B  
User guide NILFISK SCRUBTEC 343B  
Operating instructions NILFISK SCRUBTEC 343B  
Instructions for use NILFISK SCRUBTEC 343B  
Instruction manual NILFISK SCRUBTEC 343B

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SCRUBTEC 343B

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DEUTSCH	BETRIEBSANLEITUNG ORIGINALANLEITUNG
FRANÇAIS	MANUEL D'UTILISATION INSTRUCTIONS D'ORIGINE
ENGLISH	USER MANUAL ORIGINAL INSTRUCTION
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**Manual abstract:**

@@@@@REMARQUE Pour un lavage / séchage correct du sol près du mur, Nilfisk Alto recommande d'approcher le côté droit de la machine, comme illustré dans la figure 3. En cas de surcharge des moteurs des brosses / plateaux support disque, dû à corps étrangers qui empêchent leur mouvement, ou à sols difficiles / brosses dures, un système de sécurité arrête les brosses / plateaux support disque après un minute environ de surcharge continue. Pour reprendre le travail après l'arrêt de la brosse / plateau support disque à cause de la surcharge, il est nécessaire d'arrêter la machine, en portant les interrupteurs de brosse / plateau support disque et du système d'aspiration (65 et 66) en position "0". Enlever la brosse / plateau support disque comme suit : Avec la brosse / plateau support disque soulevé, porter l'interrupteur de brosse / plateau support disque (65) sur "I" et, après quelques secondes, le porter à nouveau sur "0" en détachant ainsi la brosse / plateau. The purpose of this Manual is to provide the operator with all necessary information to use the machine properly, in a safe and autonomous way. It contains information about technical data, safety, operation, storage, maintenance, spare parts and disposal. Before performing any procedure on the machine, the operators and qualified technicians must read this Manual carefully. Nilfisk Alto will not be answerable for damages coming from the non-observance of this prohibition. The User Manual must be kept near the machine, inside an adequate case, away from liquids and other substances that can cause damage to it. The Declaration of Conformity, supplied with the machine, certifies the machine conformity with the law in force.

NOTE Two copies of the original declaration of conformity are provided together with the machine documentation. The machine model and serial number are marked on the plate (1). The machine production year is written in the declaration of conformity and it is also indicated by the first two figures of the machine serial number. This information is useful when requiring machine spare parts. Use the following table to write down the machine identification data.

Electronic Battery Charger Manual (if equipped), to be considered as integral part of this Manual Spare Parts List (supplied with the machine) Service Manual (that can be consulted at Nilfisk Alto Service Centers) All necessary operating, maintenance and repair procedures must be performed by qualified personnel or by Alto Service Centers. Only original spare parts and accessories must be used. @@@@The scrubber-dryers cannot be used for fitted carpet and carpet cleaning. Forward, backward, front, rear, left or right are intended with reference to the operator's position, that is to say in driving position with the hands on the handlebar (2). When the machine is delivered, check that the packing and the machine were not damaged during transportation.

In case of visible damages, keep the packing and have it checked by the carrier that delivered it. Call the carrier immediately to fill in a damage claim. Please check that the following items have been supplied with the machine: Technical documents: The following symbols indicate potentially dangerous situations. Always read this information carefully and take all necessary precautions to safeguard people and property. the operator's cooperation is essential in order to prevent injury. No accident prevention program is effective without the total cooperation of the person responsible for the machine operation. Most of the accidents that may occur in a factory, while working or moving around, are caused by failure to comply with the simplest rules for exercising prudence. A careful and prudent operator is the best guarantee against accidents and is essential for successful completion of any prevention program. It indicates a dangerous situation with risk of death for the operator. Pay careful attention to the paragraphs marked by this symbol.

CONSULTATION It indicates the necessity to refer to the Quick Start Guide before performing any procedure. Specific warnings and cautions to inform about potential damages to people and machine are shown below. dANGER! Before performing any maintenance, repair, cleaning or replacement procedure, turn the main switch to "0" and, if necessary, disconnect the battery. This machine must be used by properly trained operators only. Children or disabled people cannot use this machine. When using lead (WET) batteries, keep sparks, flames and smoking materials away from the batteries. During the normal operation explosive gases are released. Do not wear jewels when working near electrical components. Do not operate the machine near toxic, dangerous, flammable and/or explosive powders, liquids or vapours: This machine is not suitable for collecting dangerous powders. @@@@ do not run the machine on the battery charger cable.

Keep the battery charger cable away from heated surfaces. @@@@ Do not smoke while charging the batteries. @@@@Store the machine indoors, in a dry place: This machine must be used in dry conditions, it must not be used or kept outdoors in wet conditions. Before using the machine, close all doors and/or covers. Do not allow to be used as a toy.

Close attention is necessary when used near children. Use only as shown in this Manual. use only Nilfisk Alto's recommended accessories. Take all necessary precautions to prevent hair, jewels and loose clothes from being caught by the machine moving parts. @@ Do not use the machine in particularly dusty areas.

While using this machine, take care not to cause damage to people or objects. Do not bump into shelves or scaffoldings, especially where there is a risk of falling objects. Do not lean liquid containers on the machine, use the relevant can holder. The machine working temperature must be between 0°C and +40°C. The machine storage temperature must be between 0°C and +40°C. The humidity must be between 30% and 95%. When using floor cleaning detergents, follow the instructions on the labels of the detergent bottles. To handle floor cleaning detergents, wear suitable gloves and protections. Do not use the machine as a means of transport. Do not use the machine on incline.

Do not allow the brushes to operate while the machine is stationary to avoid damaging the floor. In case of fire, use a powder fire extinguisher, not a water one. Do not tamper with the machine safety guards and follow the ordinary maintenance instructions scrupulously. Do not allow any object to enter into the openings. Do not use the machine if the openings are clogged.



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Always keep the openings free from dust, hairs and any other foreign material which could reduce the air flow. Do not remove or modify the plates affixed to the machine. This machine cannot be used on roads or public streets. Pay attention during machine transportation when temperature is below freezing point.

The water in the recovery tank or in the hoses could freeze and seriously damage the machine.

Use brushes and pads supplied with the machine and those specified in the User Manual. Using other brushes or pads could reduce safety. In case of machine malfunctions, ensure that these are not due to lack of maintenance. Otherwise, request assistance from the authorised personnel or from an authorised Service Center. @@ To ensure machine proper and safe operation, the scheduled maintenance shown in the relevant chapter of this Manual, must be performed by the authorised personnel or by an authorised Setery charger (if equipped) according to the type of batteries installed (WET or GEL), according to the procedure shown in the following paragraph.

@@1), then remove the electrical component box cover (B). 2) in the area (B) and slightly raise it. 10. @@@@Lower the deck (10) by using the handlebar (2). @@@@@@Lower the squeegee (11) with the lever (19).

@@@@@@@@@@@If necessary, adjust the solution quantity by using the lever (4). cAUTION! @@ cAUTION! @@@@@@@@ if the overload persists, the brush/pad-holder stops. @@@@@@@@ wARNING! @@@@@@@@ 4). @@ 4. @@An automatic float shut-off system (44) turns off the vacuum system when the recovery tank (31) is full. The vacuum system shutdown, due to the recovery tank filling, is signalled by an increase in the vacuum system motor noise, moreover the floor is not dried. cAUTION! If the vacuum system turns off accidentally (for example, when the float is activated because of a sudden machine movement), to resume the operation: turn off the vacuum system by pressing the switch (66), then open the cover (6) and check that the float inside the grid (46) has gone down to the water level. Then close the cover (6) and turn on the vacuum system by pressing the switch (66). When the recovery tank (31) is full, empty it according to the following procedure. Empty the recovery tank with the drain hose (16).

Then, rinse the tank with clean water. perform steps 1 to 4. Empty the solution tank by using the drain valve (18). Then, rinse cover (6). Make sure that the switches (65 and 66) are turned to "0". Clean and install them on the support (C). NOTE The filter strainer (B) must be correctly positioned on the housing (D) of the support (C). NOTE @@If necessary, perform the following procedure. @@@@@@@@ Afier adjusting, tighten the screw (57). install the recovery tank as shown in Use chapter.

@@NOTE Charge the batteries when the yellow or red warning light (63 or 64) turns on, or at the end of every working cycle. Keeping the batteries charged make their life last longer. cAUTION! When the batteries are discharged, charge them as soon as possible, as that condition makes their life shorter. When using lead (WET) batteries, battery charging produces highly explosive hydrogen gas. charge the batteries in well-ventilated areas and away from naked flames.

Do not smoke while charging the batteries. Do not reinstall the recovery tank until the battery charging cycle is over. wARNING! Pay careful attention when charging WET batteries as there may be battery fluid leakages. the battery fluid is corrosive. If it comes in contact with skin or eyes, rinse thoroughly with water and consult a physician.

@@ Leave all the battery caps open for next charging. If necessary, clean the upper surface of the batteries. charge the batteries as shown below.

@@@@@@@When the green warning light (27) stays on, the battery charging cycle is over. When the battery charging is completed, disconnect the battery charger cable (21) from the electrical mains and wind it round its housing. @@If necessary, clean the upper surface of the batteries. Now the machine is ready to be used. NOTE For further information about the operation of the battery charger (26), see the relevant Manual. For machine without battery charger only 10), then carefully remove the electrical component box cover (B). Solenoid valve and electronic board (5 A) (E) Install the components in the reverse order of removal.

For machine with battery charger only For machine with battery charger only Trouble The motors do not turn on; no warning light turns on The warning lights (62, 63, 64) flash simultaneously The vacuum system motor does not turn on Possible Cause The battery terminals (50) are disconnected The batteries (50) are discharged The brush motor is overloaded There are foreign materials (tangled threads, etc. ) preventing the brush from rotating The fuse is blown The recovery water tank (31) is full The vacuum grid (46) is clogged or the float is closing The vacuum hose (22) is disconnected from the squeegee (11) or it is damaged The dirty water vacuuming is insufficient The squeegee (11) is dirty, or the squeegee blades (13, 14) are worn or damaged The recovery water tank cover (6) is not properly closed, or the gasket (42) is damaged The recovery water tank (31) is dirty (clogged drain hole) The solution flow is insufficient The solution filter (20) is dirty There is debris under the squeegee blades (13, 14) The squeegee blades (13, 14) are worn, chipped or torn Connect Charge Use a different kind of brush Clean the brush hub Replace Empty Clean the grid and check the float Connect Clean the squeegee or replace the blades Check and/or clean the seating surface or replace the gasket Clean Remove the debris Replace the blades Remedy The squeegee leaves marks on the floor For further information refer to the Service Manual, available at any Nilfisk Alto Service Center. Before scrapping the machine, remove and separate the following materials, which must be disposed of properly according to the Law in force: Battery Brushes Plastic hoses and components Electrical and electronic components (\*) (\*) Refer to the nearest Nilfisk Alto Center especially when scrapping electrical and electronic components. .



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