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You can read the recommendations in the user guide, the technical guide or the installation guide for NILFISK SC350. You'll find the answers to all your questions on the NILFISK SC350 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual NILFISK SC350  
User guide NILFISK SC350  
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Instruction manual NILFISK SC350

SC350



BETRIEBSANLEITUNG **D**  
ORIGINALANLEITUNG  
MANUEL D'UTILISATION **F**  
INSTRUCTIONS D'ORIGINE  
USER MANUAL **GB**  
ORIGINAL INSTRUCTION  
GEBRUIKSAANWIJZING **NL**  
ORIGINELE INSTRUCTIES

CE  
9098868000  
Edition 1 2010-11

Printed in Hungary

 **Nilfisk**  
setting standards



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**Manual abstract:**

Caractéristiques générales Longueur minimum / maximum machine à guidon Largeur machine Hauteur minimum / maximum machine avec guidon réglable Poids sans batterie et avec réservoirs vides Poids maximum avec batterie, réservoirs pleins (PTC) Largeur de nettoyage Dimensions logement batterie Diamètre roues sur essieu fixe Diamètre brosse / disque Pression roues arrière au sol Pression brosse / disque au sol Pression brosse / disque sur le sol avec réservoir plein Performances Aspiration Flux de solution min / max Vitesse moteur brosse / plateau support disque Pression acoustique à l'oreille de l'opérateur (ISO 11201, ISO 4871, EN 60335-2-72) (LpA) Puissance acoustique émise par la machine (ISO 3744, ISO 4871, EN 60335-2-72) (LwA) Niveau de vibrations au bras de l'opérateur (ISO 5349-1, EN 60335-2-72) Puissance moteur système d'aspiration Puissance moteur brosse / plateau support disque Pente maximum d'usage Tension batterie Batterie standard Autonomie batterie standard Capacité réservoir solution Capacité réservoir eau de récupération SC350 810 / 1. REMARQUE Pour un lavage / séchage correct du sol près du mur, Nilfisk recommande d'approcher le côté droit de la machine, comme illustré dans la figure 2. 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 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 (27).

@@This information is useful when requiring machine spare parts. @@@@Only original spare parts and accessories must be used. @@Nilfisk constantly improves its products and reserves the right to make changes and improvements at its discretion without being obliged to apply such benefits to the machines that were previously sold. Any change and/or addition of accessory must be approved and performed by Nilfisk. This scrubber-dryer is used to clean (scrubbing and drying) smooth and solid floors, in civil or industrial environment, under safe operation conditions by a qualified operator.

The scrubber-dryer 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 (1). Upon delivery carefully check that the machine and its packing have not been 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.

Check that the machine is equipped with the following features: 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. It indicates a potential risk of injury for people or damage to objects. Pay careful attention to the paragraphs marked by this symbol. CONSULTATION It indicates the necessity to refer to the User Manual before performing any procedure.

Specific warnings and cautions to inform about potential damages to people and machine are shown below. dANGER! Before performing any machine maintenance, repair, cleaning or replacement procedure, disconnect the battery connector and turn the main switch to "0". This machine must be used by properly trained operators only. Keep the battery away from sparks, flames and incandescent material. During the normal operation explosive gases are released. Do not wear jewels when working near electrical components. Do not work under the lifted machine without supporting it with safety stands. 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. Battery charging produces highly explosive hydrogen gas. Keep the cover open during battery charging and perform this procedure in well-ventilated areas and away from naked flames.

Carefully read all the instructions before performing any maintenance/repair procedure. Before using the battery charger, ensure that frequency and voltage values, indicated on the machine serial number plate, match the electrical mains voltage. Do not pull or carry the machine by the battery charger cable and never use the battery charger cable as a handle. Do not close a door on the battery charger cable, or pull the battery charger cable around sharp edges or corners. If the machine is not working as it should, has been damaged, left outdoors or dropped into water, return it to the Service Center. To reduce the risk of fire, electric shock, or injury, do not leave the machine unattended when it is plugged in. Before performing any maintenance procedure, disconnect the battery charger cable from the electrical mains. Do not smoke while charging the battery. Always protect the machine against the sun, rain and bad weather, both under operation and inactivity condition. 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's recommended accessories. Take all necessary precautions to prevent hair, jewels and loose clothes from being caught by the machine moving parts.



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Pay attention to the machine moving parts. When using the machine, the deck can abruptly turn by 180°. Do not use the machine on incline. Do not tilt the machine more than the angle indicated on the machine itself, in order to prevent instability.

Do not use the machine in particularly dusty areas. Use the machine only where a proper lighting is provided. While using this machine, take care not to cause damage to people or objects. Do not bump into shelves or scaffolding, 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 humidity must be between 30% and 95%. @@@@ Do not allow any object to enter into the openings. Do not use the machine if the openings are clogged. @@ Do not remove or modify the plates affixed to the machine.

This machine cannot be used on roads or public streets. @@@@ Using other brushes or pads could reduce safety.

@@@@ On some points of the machine there are some adhesive plates indicating: DANGER WARNING CAUTION CONSULTATION While reading this Ma the green warning light turns off and the yellow and red warning lights turn on in sequence, it is necessary to charge the battery as the machine residual autonomy is at the minimum level. cAUTION! @@ Switch off the machine by turning the knob (32) to "0". @@ 3.

When finishing working, it is advisable to remove the brush/pad in order not to drag it on the floor and leave wet marks (see the procedure in the relevant paragraph). An automatic float shut-off system (25) turns off the vacuum system when the recovery tank (23) 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 machine with the knob (32), check that the float inside the grid (25) has gone down to the water level. then turn on the vacuum system by pressing the knob (32).

When the recovery tank (23) is full, empty it according to the following procedure. Switch off the machine by turning the knob (32) to "0". Then, rinse the tank with clean water. Then, rinse the tank with clean water. After working, before leaving the machine: 1. Store the machine in a clean and dry place, with the brush/ pad-holder and the squeegee blades lifted or removed. If the machine is not going to be used for more than 30 days, proceed as follows: 1. Store the machine in a clean and dry place. 4. To safeguard the brush or squeegee blades, turn the handlebar (1) forward and park the machine as shown in figure 4.

After the first 8 hours, check the machine fastening and connecting parts for proper tightening. The lifespan of the machine and its maximum operating safety are ensured by correct and regular maintenance. the following chart provides the scheduled maintenance. The intervals shown may vary according to particular working conditions, which are to be defined by the person in charge of the maintenance. wARNING! Maintenance procedures must be performed with the machine switched off and the battery/battery charger cable disconnected. This Manual describes only the easier and most common maintenance procedures. NOTE For other maintenance procedures shown in the Scheduled Maintenance Table, refer to the Service Manual that can be consulted at any Service Center. Procedure Squeegee cleaning Brush cleaning Tank and vacuum grid cleaning Squeegee blade check and/or replacement Battery charging Screw and nut tightening check Brush deck rubber pad check and/or replacement Brush deck end-of-stroke cable check and/or replacement Brush deck rubber flange check and/or replacement (1) (2) (2) (2) Daily, after using the machine Weekly Every six months Yearly (1) And after the first 8 working hours. NOTE The squeegee must be clean and its blades must be in good conditions in order to get a good drying. It is advisable to wear protective gloves when cleaning the squeegee because there may be sharp debris.

Wash and clean the squeegee. In particular, clean the compartments (D) and the vacuum hole (E) from dirt and debris. Check the front blade (F) and the rear blade (G) for integrity, cuts and tears; if necessary replace them (see the procedure in the following paragraph). 5) and the rear blade (G) for integrity, cuts and tears; if necessary replace them as shown below. Also check the front corner (H) of the rear blade for wear; if it is worn, overturn the blade to replace the worn corner with the other one (I), if it is integral.

If the other corner is worn too, replace the blade according to the following procedure: · NOTE It is advisable to wear protective gloves when cleaning the brushes because there may be sharp debris. Clean the brush with water and detergent. 6), then clean and wash the cover and the vacuum grid (B) with clean water. Drain the water from the tanks (C and D) and clean them. If necessary, disengage the grid (B) by turning it and remove the float (E), than clean with care and reinstall.

If necessary replace the gasket (F) by removing it from its housing (G) on the cover. When assembling the new gasket, install the joint (H) in the area shown in the figure. check that the seating surface (I) of the gasket (F) is integral and adequate for the gasket itself. If necessary, remove the screws (J), open the cover (K) and check the gasket (L) for integrity, then clean with care and reinstall. Close the recovery tank cover (A). NOTE The gaskets (M and O) create vacuum in the system that is necessary for vacuuming the recovery water. If necessary replace the gasket by removing it from its housing. check that the pre-filter (N) is clean. If necessary clean it with water and compressed air, then install it. lift the recovery tank (B) and check the gaskets (O) for integrity.

If necessary replace the gasket by removing it from its housing. NOTE The machine speed varies according to the type of floor to be cleaned and the choice of using the brush or the pad. If necessary, perform the following procedure. 7) according to the following procedure: · If it is difficult to keep the machine moving straight-forwardly because it deviates to the left or to the right, adjust the handwheel (B) by turning it clockwise or counter-clockwise. after adjusting , install the tanks as shown in Use chapter. With the machine ready to operate, perform hands-on tests of the machine and, if other adjustments are necessary, repeat steps 1 to 4. NOTE Charge the batteries when the yellow or red warning light turns on, or at the end of each working cycle. Keeping the battery charged make its life last longer. cAUTION! When the battery is discharged, charge is as soon as possible, as that condition makes its life shorter.



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Connect the battery charger cable (10) to the electrical mains (the electrical mains voltage and frequency must be compatible with the battery charger values shown on the relevant Manual).

*NOTE* When the battery charger is connected to the electrical mains, all machine functions are automatically cut off. @@@@Now the machine is ready to be used. @@Open the cover (4) and check one of the following fuses for deactivation or integrity: · Reset any deactivated fuse, when the component that caused deactivation has fully cooled down. Close the cover (4). Remedy The motors do not turn on; no warning The battery connector is disconnected. The squeegee is dirty, or the squeegee blades are worn or damaged. The recovery tank cover is not properly closed, or the gaskets are damaged. For further information refer to the Service Manual, available at any Nilfisk 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 Center especially when scrapping electrical and electronic components. .



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