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You can read the recommendations in the user guide, the technical guide or the installation guide for NILFISK BR 752. You'll find the answers to all your questions on the NILFISK BR 752 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual NILFISK BR 752  
User guide NILFISK BR 752  
Operating instructions NILFISK BR 752  
Instructions for use NILFISK BR 752  
Instruction manual NILFISK BR 752



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**Manual abstract:**

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 serial number and model are shown on the plate (21) on the steering column. 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 (to be considered as integral part of this Manual) Moreover, the following Manuals are available: Service Manual (that can be consulted at Nilfisk Service Centers) Spare Parts List (supplied with the machine) All necessary operating, maintenance and repair procedures must be performed by qualified personnel or by Nilfisk Service Centers.

Only original spare parts and accessories must be used. Contact Nilfisk for service or to order spare parts and accessories, specifying the machine model and serial number. 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 on the driver's seat (17). 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. 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 tank assembly open during battery charging and perform this procedure in well-ventilated areas and away from naked flames. **wARNING!** 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 batteries. To avoid any unauthorised use of the machine, remove the ignition key. Do not leave the machine unattended without being sure that it cannot move independently. 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 as shown in the User Manual. 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. 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. If the machine is to be used where there are other people besides the operator, it is necessary to install the pivoting light and the reverse gear buzzer (optional). 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 put any can containing fluids on the machine. 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.



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To handle floor cleaning detergents, wear suitable gloves and protections.

Do not use the machine as a means of transport. 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. 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. To manually move the machine, the electromagnetic brake must be disengaged. After moving the machine manually, engage the electromagnetic brake again.

Do not use the machine when the electromagnetic brake handwheel is screwed down. When the machine is to be pushed for service reasons (missing or discharged batteries, etc.), the speed must not exceed 4 km/h. 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 or 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.

If parts must be replaced, require ORIGINAL spare parts from an Authorised Dealer or Retailer. 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 Service Center. Do not wash the machine with direct or pressurised water jets, or with corrosive substances. When WET batteries are installed on the machine, do not tilt the machine for more than 30° from the horizontal plane to prevent the highly corrosive acid from leaking out of the batteries. If the machine must be tilted to perform any maintenance procedure, remove the batteries. The machine must be disposed of properly, because of the presence of toxic-harmful materials (batteries, etc.), which are subject to standards that require disposal in special centres (see Scrapping chapter). Steering wheel with control panel (see the following paragraph) 2. Front steering, driving and braking wheel 7. (\*) Squeegee support wheels Squeegee mounting handwheels Squeegee balance adjusting handwheel Vacuum system motor Vacuum system motor filter Battery connection diagram Batteries Battery caps Battery charger cable (optional) Detergent tank (\*) Electronic component compartment cover Lifted tank assembly and driver's seat Solution/clean water draining adapter Solution/clean water tap Only for machine with EcoFlex™ system (optional) Reverse gear activation/deactivation lever Reverse gear LED indicator Detergent flow control switch (\*) Washing detergent flow control switch led indicator (\*) Mute function switch Mute function switch LED Horn switch Ignition key Solution flow increase switch Solution flow decrease switch Solution flow indicator Battery warning lights · Green warning light - charged battery · Yellow warning light - semi-discharged battery · Red warning light - discharged battery Vacuum system switch Vacuum system led indicator Extra pressure switch (the switch is disabled on BR 752C version) Extra pressure led indicator Brush/pad-holder deck and squeegee lifting/lowering switch Brush/pad-holder deck and squeegee lifting/lowering LED indicator 69.

Hour counter and solution level display: · When the machine is started, it displays for a few seconds the number of working hours which have been performed. While using the machine, it displays the solution/ washing water level in the tank (in litres). When the level is above 70 litres, the display indicates "FUL".

When the level is under 30 litres, the display indicates "LO". When the tank is almost empty, "LO" starts flashing.

NOTE The display could indicate "LO" even that the batteries are connected to the machine with the connector (9). Carefully lower the tank assembly (44). Insert the ignition key (58) and turn it to "I". If the green warning light (62) turns on, the batteries are ready to be used. If the yellow or red warning light turns on, the batteries must be charged (see the procedure in Maintenance chapter).

Set the machine according to the type of batteries installed (WET or GEL/AGM) (see the following paragraph). @@Close the cover (20). Set the electronic board of the machine and the battery charger (optional) according to the type of batteries installed (WET or GEL/AGM) as shown below: 5. Turn the ignition key (58) to "I" and, in the very first seconds of machine operation, detect the current setting by counting the number of flashes of the battery warning lights (62), as shown in the following table: SETTING 1 2 3 4 5 6 DISPLAY (71) BATTERY WARNING LIGHT INDICATION (62) 4 flashes of the red warning light 4 flashes of the green warning light 4 flashes of the yellow warning light 2 flashes of the red warning light 2 flashes of the green warning light 2 flashes of the yellow warning light BATTERY TYPE WET GEL-AGM GEL EXIDE® type WET GEL-AGM GEL EXIDE® type REDUCED (see note) STANDARD CHARGING CURRENT If the setting is to be changed, perform the following procedure. Turn off the machine by turning the ignition key (58) to "0". Press and hold the switches (67) and (63) at the same time, then turn the ignition key (58) to "I". Release the switches (67) and (63) at least 5 seconds after starting the machine. Within 3 seconds, shortly press the switch (63) to go to the next setting (1 to 6 in cyclic sequence). NOTE When performing steps 9 and 10, the settings are shown on the display (71) too, by the code in the table. NOTE When using batteries with a capacity lower than 160Ah@5h (in case of doubt, refer to the battery documents), to avoid battery overheating during charging procedure, use the REDUCED charging current with setting 4, 5 or 6 shown in the table, according to the type of batteries installed.

NOTE The battery charger (optional) must be set according to the type of batteries. At every machine start-up, check that, between the deck (10 and 28) and the machine or between the squeegee (30) and the machine, there is no foreign material which may prevent the deck and the squeegee from lifting. This check is necessary because, if the machine has been turned off without lifting the deck and the squeegee, the deck and the squeegee will lift automatically at next machine start-up. According to the kind of cleaning to be performed, the machine can be equipped either with brushes (A, Fig.



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1) or pad-holders (B) with pads (C) together with the appropriate deck. Insert the ignition key (58) and turn it to "I". **wARNING!** Before pressing the switch (67), always check that, between the deck (10) and the machine there is no foreign material which may prevent the deck from lifting. Turn the ignition key (58) to "0" and remove it. Install the brushes/pad-holders (A or B) in the drive hub (D) under the deck, then turn them in the opposite direction to their rotation direction, until they reach the end of stroke (E). To remove the brushes/pad-holders perform steps 1 to 3, then manually release the brush/pad-holder from the hub by turning it abruptly in its normal rotation direction (F).

**wARNING!** If the machine is not perfectly assembled it can cause damages to people and properties. Always check that all components are assembled before starting the machine. Carefully inspect the machine before using it. Insert the ignition key (58) and turn it to "I". **wARNING!** Before pressing the switch (67), always check that, between the deck (28) and the machine there is no foreign material which may prevent the deck from lifting.

Turn the ignition key (58) to "0" and remove it. Install the cylindrical brushes (E), or remove them to install new ones. The cylindrical brushes must be installed on either sides. If the machine is not perfectly assembled it can cause damages to people and properties. Always check that all components are assembled before starting the machine.

Carefully inspect the machine before using it. Install the squeegee (30) and fasten it with the handwheels (34), then connect the vacuum hose (31) to the squeegee. With the handwheel (35), adjust the squeegee so that the rear blades (18) - in all its length - touches the floor and the front blade is slightly detached from the floor. **NOTE** If the machine is equipped with EcoFlex™ system (optional) pour clean water in the tank, otherwise pour solution. 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. (For machine without EcoFlex™ system) Use the removable filler hose to fill the tank (22) with a solution suitable for the work to be performed. @@Always follow the dilution instructions on the label of the chemical product used to prepare the solution. the solution temperature must not exceed 40 °C. @@@@Close the cover (20).

@@@@Check if the battery green warning light (62) turns on. @@@@@@If necessary, stop the machine and turn the squeegee balance adjusting handwheel (35) so that the rear blade - in all its length - touches the floor. (For machine with EcoFlex™ system) The system used to mix the detergent with the washing water can be activated by pressing the detergent flow control switch (A, Fig. 4): when the LED (B) is on, the detergent is added to the washing water. The display (C) shows the detergent concentration level in the solution as shown in the table in Figure 5. in order to change the actual detergent concentration, proceed as follows: 1. Turn off the detergent flow control switch (A) (the LED (B) must be OFF). Press it again shortly to go to the next level shown by the display (C) as shown in the table in Figure 4; repeat the procedure until the desired setting is reached. 4. Wait until the LED (B) stops flashing: the new level is now set.

**NOTE** Detergent percentage setting is stored into memory, even if the machine is turned off. 4) whenever a stronger washing power is required. When lifting the lever (D) (LED (E) flashing) the solution flow increases, the extra pressure function activates and (for machines with EcoFlex™ system) the detergent concentration in the solution increases (moreover, if the detergent mixing function is not activated, it activates automatically). The original settings can be restored by lifting the lever (D) once again (LED (E) on). **NOTE** If the lever (D) is not lifted once again, the original settings are restored automatically after 60 seconds.

Working with brush/pad-holder extra pressure function turned on (only for BR 652 / BR 752) If the floor proves to be particularly difficult to clean, it is possible to turn on the brush/pad-holder extra pressure function by pressing the switch (65). To return to normal pressure, press the switch (65) again. In case of brush/pad-holder motor overload, due to foreign bodies which prevent them from turning, or to excessively aggressive floors/brushes, the safety system stops the brushes/pad-holders after about one minute of continuous overload. The overload is shown by the three battery warning lights (62) flashing simultaneously. If the overload takes place when the extra pressure function is on, the system automatically reduces the pressure on the brushes/pad-holders, thus turning the extra pressure function off.

if the overload persists, the brushes/pad-holders stop. To start scrubbing again after a brush/pad-holder stop due to overload, stop the machine by turning the ignition key (58) to "0". Turn on the machine by turning the ignition key (58) to "I". Until the green warning light (62) stays on, the batteries allow the machine to work normally. When the green warning light turns off and first the yellow warning light then the red warning light turn on, the batteries must be charged. When the yellow warning light turns on the machine residual autonomy will last for a few minutes (depending on the characteristics of the battery).

When the red warning light turns on the machine autonomy is over: after a few seconds the brushes/pad-holders are automatically stopped and the deck is automatically lifted. Only vacuum and drive systems still operate, just to dry the wet floor and move the machine to the appointed charging area. **CAUTION!**

Do not use the machine with discharged batteries, to avoid damaging the batteries and reducing the battery life. **NOTE** In case the machine drive system cannot be used in order to move the machine, see Pushing/Towing The Machine paragraph.

An automatic float shut-off system (27) turns off the vacuum system when the recovery tank (19) is full. The vacuum system deactivation is signalled by a sudden increase in the vacuum system motor noise frequency, and 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 (63), then open the cover (20) and check that the float inside the grid (27) has gone down to the water level. Then close the cover (20) and turn on the vacuum system by pressing the switch (63). When the recovery tank (19) is full, empty it according to the following procedure. Empty the recovery tank with the hose (24).

Remove the container with debris collection grid (26), empty it and clean it with clean water. then install it on the suction hose in the tank.



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Then, rinse the tank with clean water. Remove the adapter (45) from its housing inside the battery compartment.

Turn the ignition key (58) to "I" and turn on the vacuum system with the switch (63). open the drain tap (C) to drain the tank (22). The tap (C) is open when it is in the position (D) and it is closed when it is in the position (E). 12. Then, turn of the vacuum system and drain the recovery tank (19) with the hose (24).

13. When the procedure is over, close the drain tap (C), remove the adapter (A) and install the vacuum hose (B) on the squeegee (30). Empty and wash the debris container (F), and then install it on the relevant stand. After working, before leaving the machine: 1. Remove the squeegee (30) and clean it with hot water.

Open the recovery tank cover (20) and hang the squeegee on the recovery tank by using the relevant hook (15). Store the machine in a clean and dry place, with the brushes/pad-holders and the squeegee lifted or removed. To push/tow the machine easily when the drive system cannot be used (for example in case of missing batteries, discharged batteries, etc. If the lever (7) is not disengaged after pushing/towing the machine, the electromagnetic brake is disengaged. **wARNING!** Do not start the machine when the electromagnetic brake is disengaged. For safety reasons, it is recommended to disengage the electromagnetic brake only for the time necessary to manually move the machine. If the machine is not going to be used for more than 30 days, proceed as follows: Perform the procedures shown in After using the machine paragraph. before disconnecting the battery red connector (9) , proceed as follows: · Open the cover (20) and the plug (23), then check that the tanks (19 and 22) are empty, otherwise empty them. Keep the recovery tank assembly (19) lifted by using the stand (25).

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!** The procedures must be performed with the machine off and the battery disconnected. This Manual describes only the easiest 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 Battery charging Squeegee cleaning Brush/pad cleaning Tank, debris collection grid and vacuum grid with float cleaning, and cover gasket check EcoFlex™ system cleaning and draining (optional) Squeegee blade check and replacement Side skirt check (only for BR 752C) Solution filter cleaning Vacuum system motor filter cleaning Battery (WET) fluid level check Screw and nut tightening check Check and adjustment of driving belts between motors and cylindrical brushes (only for BR 752C) Electromagnetic brake efficiency check Brush/pad-holder motor carbon brush check or replacement Vacuum system motor carbon brush check or replacement Drive system motor carbon brush check or replacement (1) (2) (2) (2) (2) (2) Daily, after using the machine Weekly Every six months Yearly (1) And after the first 8 working hours. Insert the ignition key (58) and turn it to "I". In the first 2 seconds of machine operation, the display (71) shows the total number of working hours (scrubbing/drying) performed by the machine. Turn the ignition key (58) to "0".

**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. Insert the ignition key (58) and turn it to "I". lower the squeegee (30) by pressing the switch (63).

Turn the ignition key (58) to "0".

Wash and clean the squeegee. Check that the front blade (C) and the rear blade (D) are integral and free from cuts and lacerations; if necessary replace them. Check that the edge (E) of the front blade (C) and the edge (F) of the rear blade (D) lay down on the same level, along their length; otherwise adjust their height according to the following procedure: · Loosen the handwheels (I) and adjust the front blade (C); then tighten the handwheels. Check the front blade (C) and rear blade (D) for integrity, cuts and tears; if necessary replace them as shown below. Check the front corner (J) of the rear blade for wear; if necessary, overturn the blade to replace the worn corner with an integral one.

If the other corners are worn too, replace the blade according to the following procedure: · Unscrew the handwheels (I) and remove the retaining strip (L), then replace the front blade (C). It is advisable to wear protective gloves when cleaning the brushes because there may be sharp debris. Clean and wash the brushes with water and detergent. Turn the ignition key (58) to "0". open the cover (20). Clean and wash with clean water the cover (20) and the tank (19). drain the water in the tank through the hose (24). Clean the vacuum grid (27), release the fasteners (A, Fig. 7), open the grid (B) and recover the float (C) then clean carefully and reinstall. Clean the container with debris collection grid (26), remove the container (G), remove the cover (H), then clean carefully and reinstall the vacuum hose.

If necessary replace the gasket (D) by removing it from its housing (E). When assembling the new gasket, install the joint (F) in the lower area, as shown in the figure. check that the seating surface (I) of the gasket (D) is integral , clean and adequate for the gasket itself. Close the cover (20). Turn the ignition key (58) to "0". on both sides of the machine , loosen the knob (A) and remove the side skirt assemblies (B). Wash and clean the skirt. check that the skirt lower edge (C): · Lays down on the same level, along all its length; · is integral and free from cuts and lacerations; · Has the inner corner (D) that is not worn; Otherwise overturn or replace the skirts according to the following procedure. Remove the wing nuts (E), then remove the retaining strip (F). Remove the skirt blade (G) and, if possible, overturn the blade to replace the lower inner corner (D) with the opposite one.

If the other corner is worn too, replace the blade. Start the machine and lower the cylindrical brush deck (28), then check that the side skirt blades (G): · If necessary stop the machine and adjust the skirt height by loosening the knob (A) and turning the knobs (H). Turn the ignition key (58) to "0". @@Close the cover (20). If necessary clean it with water and compressed air, then install it.

Turn the ignition key (58) to "0". The tap (A) is closed when it is in the position (B) and it is open when it is in the position (C).



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Remove the transparent cup (D), recover the gasket (E), then remove the filter strainer (F) under the machine, in front of the right rear wheel. Clean them with water and install them on the support (G). NOTE The filter strainer (F) must be correctly positioned on the housing of the support (G).

NOTE Charge the batteries when the yellow or red warning light (62) turns on, or at the end of every working cycle. Keeping the batteries charged make their life last longer. When the batteries are discharged, charge them as soon as possible, as that condition makes their life shorter. Do not smoke while charging the batteries. While charging the battery, always keep the tank assembly open with the relevant stand (25). **wARNING!** Pay careful attention when charging the 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. Open the cover (20) and check that the tank (19) is empty, otherwise empty it with the drain hose (24). (For WET batteries only): Check the level of electrolyte inside the batteries (39).

if necessary , unscrew the plugs (40) and top up. When the correct level is reached, close the caps (40) and, if necessary, clean the upper surface of the batteries. After charging, disconnect the battery charger from the electrical mains and from the battery connector (9). 10. (For WET batteries only): Check the level of electrolyte inside the batteries and close all the caps (40). Connect the battery charger cable (41) to the electrical mains (the electrical mains voltage and frequency must be compatible with the battery charger values shown on the machine serial number plate). NOTE When the battery charger is connected to the electrical mains, all machine functions are automatically cut off. The red warning light (62) is on when the battery charger is charging the batteries. The yellow warning light (62) is on when the battery charger is completing the battery charging. When the green warning light turns on, the battery charging is completed.

When the battery charging is completed, disconnect the battery charger cable (41) from the electrical mains and wind it round its housing behind the battery charger. carefully lower the tank assembly (44). Now the machine is ready to be used. @@@@Close the cover (20). @@Clean the detergent tank according to the procedure shown in the previous paragraph.

to remove the detergent remained in the hoses and in the pump , perform the following procedure. Turn on the machine by turning the ignition key (58) to "I". Press the switches (53 and 59) at the same time, until the switch LED (54) starts flashing (after about 5 seconds). Release the switches and wait for the LED (54) to stop flashing and for the vacuum system to turn on. collect the detergent remained on the floor.

Turn the ignition key (58) to "0". Lift the tank (19), then check that the detergent tank hose (42) is empty, otherwise perform steps 3 to 7 again. NOTE The draining cycle lasts about 30 seconds, then the vacuum function automatically turns on, which allows to remove the detergent remained. The draining cycle can also be performed with the detergent tank (42) full of water, thus cleaning the system thoroughly. It is advisable to perform this type of draining to clean the EcoFlex™ system from dirt and deposits if the machine has not been used/cleaned for a long time. The draining cycle can be performed also to quickly fill the detergent supply hose when the tank (42) is full but the system is still empty. If necessary, the draining cycle can be repeatedly performed. The safety fuses activates only in case of serious damage. The machine is equipped with the following safety functions. This system reduces the speed when turning and when the machine tilts laterally to avoid sudden skids, this increasing the machine stability in any condition.

It is located inside the driver's seat and it does not allow the machine drive system to operate if the operator is not seated on the driver's seat. It is built-in the front wheel and keeps the machine braked when the machine is off or stopped. **REMEDY** The motors do not work; no warning light turns on. The machine does not move and the display (71) shows the error code: The machine has been turned on by using the Release the drive pedal. Ignition key and by keeping the pedal pressed. The brushes do not work; the red warning light flashes. Wait for the deck to lift before turning on again the brushes by pressing the switch. charge the batteries. Use less aggressive brushes and/or avoid working with extra pressure turned on. clean the brush hubs.

Turn off the machine and then turn it on again. Where "00" is replaced by a code different from "t4". The squeegee is dirty, or the squeegee blades Clean the squeegee or overturn/replace the are worn or damaged. blades. The tank cover is not properly closed, or the gasket is damaged.

The squeegee is not balanced with the handwheel. Correctly close the cover or clean/replace the gasket. NOTE If the machine has a battery charger installed, the machine cannot operate if the charger is not on board. Before scrapping the machine, remove and separate the following materials, which must be disposed of properly according to the Law in force: Batteries 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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