

DLS2000 SEPARATOR

INSTRUCTION MANUAL



Read this manual carefully before using the dust collector

This manual provides all the information needed to use and service the separator for your dust collector. Good operation and durability depend on proper maintenance and careful use.

Before leaving the factory, this particular model has undergone stringent tests to ensure utmost reliability. Always check however to make sure the separator has not been damaged during transport in such a way as to affect operation and safety.

This manual should be considered an integral part of the separator and must be kept together with the unit until this is scrapped. In case of loss of or damage to the manual, ask **National Flooring Equipment (NFE)** for a new copy.

Some details shown in the illustrations in this manual may be different from those of your separator. Some component parts may have been removed for greater clarity.

This manual must be kept in a place accessible to all the personnel charged with operating and servicing the separator.

In case of any doubts, always immediately phone the **NFE customer service**.

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1.1 Identification of main parts



1. Cover
2. Release fastening
3. Inlet
4. Longopac system
5. Castors
6. Fixed wheels
7. Longopac system release lever
8. Push handle
9. Outlet

1.2 Identification details of manufacturer

National Flooring Equipment

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1.3 Service Parts

Part Number	Description
402485	Gasket, Container, Cut to Length
402499	Gasket, Filter Chamber, Separator
402532	Hose, Antistatic, 50mm, 5m with Cuffs

1.4 Allowed environmental conditions

To ensure the correct operation of the separator, this must be protected against any inclement weather conditions (rain, hail, snow, fog, etc.). Only use in temperatures of 41°F to 113°F with a relative humidity less than 70%. The work environment must be tidy, well-lit, and devoid of explosive atmosphere.

Attention!

Workers exposed to sound pressure levels above 85 dB (A) must be protected by special individual protection devices.

It is therefore necessary, if such working conditions exist, to provide workers with such approved individual protection devices and to inform them of the risks relating to noise exposure.

1.5 Storage

Remove the filter and clean it, empty the container and store the separator in a place protected against atmospheric agents with a temperature between 32°F and 104°F. Cover with a nylon sheet to prevent accumulation of dust.

1.6 Scrapping

In case of scrapping, all the component parts of the separator will have to be disposed of through adequate disposal channels in accordance with applicable legislation.

Before scrapping, all plastic and rubber parts will have to be separated from the electrical material. Parts made of plastic, aluminium and steel only may be recycled if collected by special centers.

1.7 Warranty

National Flooring Equipment Inc. (referred to as “the Company”) warrants that each new unit manufactured by The Company, to be free from defects in material and workmanship in normal use and service for a period of twelve (12) months from date of shipment from the Company. For administrative ease, will honor warranty for a period of fifteen (15) months from date of shipment from the company. Accessories or equipment furnished and installed on the product by the Company but manufactured by others, including but not limited to: engines, motors, electrical components, transmissions etc., shall carry the accessory manufacturers own warranty. Battery warranties are prorated over the warranty period. Customer is responsible for the inspection of equipment / parts upon delivery. Freight damages reported beyond authorized time frame will not be honored.

The Company, at its determination of defect, will repair or replace any product or part deemed to be defective in material or workmanship within specified warranty time period. All product determinations and / or repairs will take place at the designated Company repair facility, or at a certified warranty location designated by the Company. The Company will coordinate and be responsible for all freight expenses associated with valid warranty claims. Freight and shipping expenses associated with abuse or misuse will be back charged to the Distributor/Customer. The Company reserves the right to modify, alter or improve any part / parts without incurring any obligation to replace any part / parts previously sold without such modified, altered or improved part / parts. In no event shall the seller or manufacturer of the product be liable for special, incidental, or consequential damages, including loss of profits, whether or not caused by or resulting from the negligence of seller and / or the manufacturer of the product unless specifically provided herein. This warranty shall not apply to any products or portions there of which have been subjected to abuse, misuse, improper installation or operation, lack of recommended maintenance, electrical failure or abnormal conditions and to products which have been tampered with, altered, modified, repaired, reworked by anyone not approved or authorized by the Company or used in any manner inconsistent with the provisions of the above or any instructions or specifications provided with or for the product. Any and all unauthorized onsite warranty work conducted by unauthorized personnel or any outside person(s), is not covered by the Company unless the work has been pre-authorized by a predetermined manufacturer representative. This excludes wearable parts and/or consumables.

Defective or failed material or equipment shall be held at the purchaser’s premises until authorization has been granted by the Company to return or dispose of defective products. Products returned for final inspection must be returned with a manufacturer authorized Return Material Authorization (RMA). Any unauthorized return of equipment will be declined at the dock by the Company. Any non-approved items returned with approved returned items are subject to rejection and will not be credited. Credit will be issued for material found to be defective upon the Company’s inspection based on prices at time of purchase.

TO OBTAIN SERVICE CONTACT NATIONAL FLOORING EQUIPMENT, INC. TOLL FREE AT 800-245-0267 FOR A REPAIR AUTHORIZATION NUMBER. COD FREIGHT RETURNS WILL NOT BE ACCEPTED. FREIGHT COLLECT SHIPMENTS WILL NOT BE ACCEPTED. WARRANTY REPAIRS MUST BE ACCOMPANIED BY DATE OF PURCHASE RECEIPT AND A RETURN/REPAIR AUTHORIZATION NUMBER.

RETURN/REPAIR AUTHORIZATION NUMBER: _____
MACHINE SERIAL NUMBER: _____

2.1 Safety details

The person in charge of safety shall be responsible for informing workers about the risks associated with separator and dust collector operation.

The obligation also exists of training workers so they are able to protect themselves and others.

Failure to observe basic safety regulations and warnings could cause accidents during operation, maintenance, and repair. Accidents can often be avoided by recognizing potentially dangerous situations before these occur. Operators should be aware of potential hazards and be trained and skilled enough to operate the machine. They should also have the tools necessary to perform these duties properly.

NFE shall under no circumstances be deemed liable for accidents or damage caused by use of the dust collector or the separator by personnel not properly trained or who use it in an improper manner, as well as by even partial failure to comply with the safety regulations and intervention procedures indicated in this manual.

The safety warnings and warning notices are indicated in this manual and on the product.

Unless these hazard messages are heeded, the operator could become involved in accidents with serious consequences for him/herself and for other people.

The safety messages are highlighted by the following symbols:

Attention!

Unless these messages are heeded, operator injuries could occur.

Warning!

Unless these messages are heeded, dust collector damage could occur.

NFE cannot foresee all possible circumstances capable of representing a potential hazard. The warnings in this manual and on the products should not therefore be deemed exhaustive. In the event of tools, procedures, work or machining methods being used that are not explicitly recommended by **NFE**, make sure no hazards exist for operators and others.

Only ever use original NFE spare parts.

NFE declines all liability in the event of non-original spare parts being used.

3.1 Handling

The machine is supplied in a strong cardboard box secured with straps.

Transport the package using a fork-lift truck of adequate lifting capacity and make sure it is stable and that weight is properly distributed on the forks.

Before starting to move, make sure the transit area is free and that there are no moving objects on the packaging.

During movement, keep the load low for greater stability and safety.

When starting up the machine, move it by means of the wheels supplied.

The appliance must never be moved using fork-lift trucks or other equipment that lifts it off the floor.

If for any reason the need arises to lift and transport the dust collector and separator, this operation must be performed under the responsibility of the user. The user is therefore invited to secure the load as he best thinks fit to ensure the operation is performed in total safety.

3.2 Installation

Warning!

Before installing the pre-separator, carefully make a sight check to pinpoint any damage suffered during transport.

In the event of any component parts being damaged, do not proceed with installation. Notify the manufacturer and reach an agreement on how to proceed.

Fit the equipment or accessory required for the type of collecting operation on the opposite end of the hose.

Contact your dealer for information relating to the different types of **optional accessories** available for this specific model.

1. Connect the dust collector inlet to the separator output (1).
2. Connect the separator inlet (2) with the accessory.
3. Fit the supplied pipe on the connector.
4. Fit the supplied connector on the pipe union.



4.1 Work cycle

- Make sure the flexible hose is properly fitted and locked in the pipe union.
- Lock the wheels by means of the retainer provided.



To move the separator, use the handle.



Warning!

The separator can be moved only on flat ground!

If the separator is moved on inclined grounds, there is a risk of loss of control, which could cause damage to persons or things.

Warning!

During dust collecting, avoid rolling up or bending the flexible hose.

4.2 Removal and placing of the waste bag

Stop the dust collector motors by pressing the relevant **STOP** buttons.

Warning!

Disconnect the plug from the power socket.

- Use two ties to fasten the collection bag at two points (about 1.2-2" or 3-5 cm from each other), just below the filter chamber.
- Cut off the bag in the position between the two ties.
- Remove the lower part of the bag.



- Pull down a length of new bag from the chamber, until it reaches the bottom support plate



Attention!

Used bags should be disposed of into a special waste disposal container, in accordance with laws applicable in the location where the dust collector is used.



Made in America Since 1968

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