

# DLS2000 SEPARATOR

# INSTRUCTION MANUAL



*Read this manual carefully before using the dust collector*

402546 Rev D



**TO PURCHASE THIS PRODUCT PLEASE CONTACT US**



**Equipment Financing and  
Extended Warranties Available**



**Discount-Equipment.com is your online resource for  
commercial and industrial quality parts and equipment sales.**

**561-964-4949**

**visit us on line @ [www.discount-equipment.com](http://www.discount-equipment.com)**

Select an option below to find your Equipment

**Search by Manufacturer**

**Search by Product Type**

**Request a Quote**

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar

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 **Discount-equipment** 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 **Discount-equipment customer service**.

**Information**

1.1	Identification of main parts	1
1.2	Identification of manufacturer	2
1.3	Service Parts	
1.4	Allowed environmental conditions	3
1.4	Storage	
1.5	Scrapping	
1.6	Warranty	4

**Safety**

2.1	Safety details	5
-----	----------------	---

**Installation**

3.1	Handling	6
3.2	Installation	7

**Operation**

4.1	Work cycle	8
4.2	Removal and placing of the waste bag	10

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

**1.3 Service Parts**

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

To order go to Discount-Equipment.com

#### **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.

## 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.

**Discount-equipment** 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.***

**Discount-equipment** 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 **Discount-equipment**, make sure no hazards exist for operators and others.

**Only ever use original Discount-equipment spare parts.**

**Discount-equipment** 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.**

**TO PURCHASE THIS PRODUCT PLEASE CONTACT US**



**Equipment Financing and  
Extended Warranties Available**



**Discount-Equipment.com is your online resource for  
commercial and industrial quality parts and equipment sales.**

**561-964-4949**

**visit us on line @ [www.discount-equipment.com](http://www.discount-equipment.com)**

Select an option below to find your Equipment

**Search by Manufacturer**

**Search by Product Type**

**Request a Quote**

We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep, Small Line, Wanco, Yanmar