

ProCare

PRODUCT RANGE
CATALOGUE



Summer 2016
Filtration Classification EN1822
Applies to H & M Class machines

ProCare... ProCare... ProCare... ProCare... ProCare...

The ProCare range provides many of the solutions for industrial cleaning, collection, care and control of dust and hazardous substances providing for a cleaner, safer working environment.

*It costs no more to **do it right...***

The simple selection of the appropriate equipment, which together with discipline and training, will act to raise and improve health and safety standards to the benefit of all.



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Industrial
Dust Control
- True Workhorse
Antistatic
Collection
and control
**Do
It Right!**
Professional cleaning solutions for
industrial cleaning problems

NuTec Industrial NTD750... NuTec... NuTec... NuTec... NuTec...

Industrial cleaning, maintenance and dust control to the appropriate standards is in itself a science, which starts with the selection of heavy duty vacuum cleaners for everyday use in the workplace.

The whole design concept, construction and performance of the NTD 750 is dedicated to producing a standard industrial vacuum cleaner that will provide totally reliable performance in all standard industrial applications. Be it boiler cleaning, floor cleaning, machine maintenance, high level cleaning, metalworking, dirt, dust or debris, and take it all in its stride.

The exclusive Structofoam power head, incorporating two TwinFlo bypass motors, provides exceptional performance and the NuCable plugged replaceable cable system is standard, allowing quick cable replacement in the event of accidental damage.

The standard container is all steel, finished in NuTex, a specially formulated epoxy resin coating providing extreme durability and long service life. The container is mounted on, but easily removed from, our all steel heavy duty chassis, which is equipped with large 250mm transit wheels.



NTD750



Easy disconnect facility



Large rear wheels for ease of transit



Duplex motors

Specification	NTD750
Rated Motor Power (W)	960 X 2
Use Type	Dry
Max Motor Only Airflow (L/sec)	96
Max Suction (mm H ² O)	2400
Capacity (L)	35
Filter Type	Permatex
Dust Hazard Class (to Annex 69 of EN 60335-2)	N/A
Filter Bag Type	HepaFlo 4BH
Filter Bag Layers	3
Sound Pressure (dB(A) @1m)	80.5
Sound Power (to IEC 60704-2-1) (dB(A))	88.5
Cable Length (m)	10
Cleaning Range (m)	26.8
Hose Length (m)	2.4
Tool Head Width (mm)	400
Approx Weight Machine Only (Kg)	22.8
Machine Dimensions W x L x H (mm)	510 x 510 x 960
Power Outlet Socket	N/A
Cleaning Kit	BA5

NTD2003



Filter shaker system



Multi-purpose cyclonic inlet allows for 38, 56 and 76mm accessories.

Bigger is quite often better for many industrial applications providing a true workhorse whatever the situation.

The combination of Structofoam and stainless steel is a standard very close to our engineering hearts and this is never more obvious than in our classic NTD 2003 industrial model.

Here you have a big capacity machine. A powerful Structofoam TwinFlo two motor power head, giant "shake free" filter system, stainless steel container and heavy duty transit chassis. Designed to perform well and give good results – year in year out.

The NTD 2003 operates on a cyclonic separation basis and is fitted as standard with our universal aluminium cyclonic entry adaptor which permits the selection of accessories in 38mm (1½"), 51mm (2") and 76mm (3") allowing the machine to be used in many varied applications. Be it builder's rubble, a chicken house or a textile mill, the 2003 model will give you good, long and reliable service.



NTD2003



Removable steel chassis

Kit BA5 607167



Kit BA5 supplied with both NTD750 and NTD2003 as standard.

Specification	NTD2003-2
Rated Motor Power (W)	960 X 2
Use Type	Dry
Max Motor Only Airflow (L/sec)	96
Max Suction (mm H ² O)	2400
Capacity (L)	60
Filter Type	Permatex
Dust Hazard Class (to Annex 69 of EN 60335-2)	N/A
Filter Bag Type	HepaFlo 6BH
Filter Bag Layers	3
Sound Pressure (dB(A) @1m)	82.2
Sound Power (to IEC 60704-2-1) (dB(A))	90.2
Cable Length (m)	10
Cleaning Range (m)	26.8
Hose Length (m)	4
Tool Head Width (mm)	400
Approx Weight Machine Only (Kg)	30.2
Machine Dimensions W x L x H (mm)	560 x 660 x 1145
Power Outlet Socket	N/A
Cleaning Kit	BA5

NuTEC Antistatic HAS750... NuTec... NuTec... NuTec... NuTec...

Within industry there are many activities or processes that generate airborne dust of an exceptionally fine nature and these must be treated with care and respect.

For these applications consideration should be given to an antistatic machine specification to safeguard against the generation of a static discharge which is both uncomfortable for the operator and, in the worst case, potentially introducing a risk of combustion.

The HAS-750 antistatic machine performs in terms of cleaning as a sound, efficient vacuum cleaner. Its build specification, together with its accessories pays particular and detailed attention to the elimination of "Static" during operation. This situation is particularly prevalent in low humidity, dry areas of operation when collecting particularly fine dusts for extended periods, which can allow the build up of static electricity within the system.

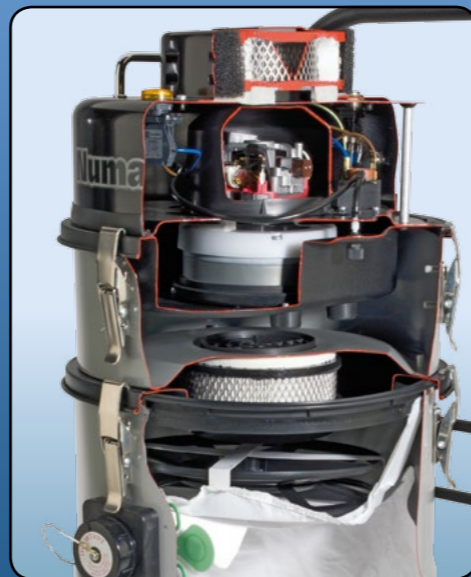
Specification	HAS750-2
Rated Motor Power (W)	960
Use Type	Dry
Max Motor Only Airflow (L/sec)	48
Max Suction (mm H ² O)	2500
Capacity (L)	35
Filter Type	Permatex
Dust Hazard Class (to Annex 69 of EN 60335-2)	H
Filter Bag Type	HepaFlo 4BH
Filter Bag Layers	3
Sound Pressure (dB(A) @1m)	70
Sound Power (to IEC 60704-2-1) (dB(A))	78
Cable Length (m)	8.5
Cleaning Range (m)	25.6
Hose Length (m)	2.4
Tool Head Width (mm)	400
Approx Weight Machine Only (Kg)	20
Machine Dimensions W x L x H (mm)	510 x 510 x 980
Power Outlet Socket	N/A
Cleaning Kit	HAS
Filtration Efficiency Classification	H13 (EN1822)



Low flow indicator



Easy release system



Professional specification throughout

NuTEC Accessory Kits... NuTec... NuTec... NuTec... NuTec...

Accessory Kits

It is impossible for us as a manufacturer to be aware of the many individual activities and environments in which our machines will be used. By virtue of our unique design, accessory kits can be selected covering a range of hose diameters from 32mm (1¼") to 76mm (3") and with a range of attachments which can be expanded as required.

Kit BA5



Kit C14



Kit G1



Kit HAS



DustCare... Collection and Control... DustCare... DustCare... DustCare... DustCare... DustCare... DustCare... DustCare... DustCare...

When large volumes of dust are produced as a result of a manufacturing or working process, then the selection and specification of the machine and accessories are all important to ensure efficient and effective performance during operation.

The DustCare range has been a dedicated development to produce a range of professional machines addressing the needs of fine dust applications as found throughout the building industry.

The AirFlo and MicroFlo technology (patent pending) has introduced an exceptional upgrade in both performance and dust collection. This technology has been incorporated into our Structofoam 570 and 900 professional models.

Simplex S Models

The Simplex NDS single motor models are designed to be used in conjunction with power tools incorporating vacuum hoods, which produce low to medium fine dust volumes but, equally for all cleaning applications including end cleaning of new buildings.



Low flow and bag full indicator



High efficiency internal AirFlo system



Auto power plug

NDD570

What is extremely important with DustCare machines is to generate maximum airflow in relation to the amount of dust being collected. The more fine dust the greater the available airflow should be so as to transfer the dust to the cleaner as quickly as possible, without it escaping into the working environment.

Duplex D Models

The DustCare Duplex, two motor series provides a 100% upgrade in airflow performance and is designed to operate where much larger dust generation is present.

As with the single motor machine an optional kit is available (ND5) to allow the DustCare machine to be connected directly to the dust collection hood on the particular power tool being used.

A perfect example of a Duplex application is the use of single or twin blade wall chasers used on pre-plastered surfaces. The dust generation is both fine and of high volume and requires a maximum performance model to provide optimum dust control at source. For fine dust applications the MicroFlo multi-stage dust collection bags are exceptional, reaching capacity standards previously not possible but, at the same time allowing for both the clean operation and simplified emptying of the collected dust. This is just not possible with un-bagged designs with complex, and continuously blocked filter concepts.

Note: Always ensure the correct clothing and breathing protection is used at all times.

Specification	NDS570	NDD570	NDS900	NDD900
Rated Motor Power (W)	1060	1060 X 2	1060	1060 X 2
Use Type	Dry	Dry	Dry	Dry
Max Motor Only Airflow (L/sec)	49	98	49	98
Max Suction (mm H ₂ O)	2400	2400	2400	2400
Capacity (L)	23	23	40	40
Filter Type	Microtex	Microtex	Microtex	Microtex
Dust Hazard Class (to Annex 69 of EN 60335-2)	N/A	N/A	N/A	N/A
Filter Bag Type	HepaFlo 3BM	HepaFlo 3BM	HepaFlo 4BM	HepaFlo 4BM
Filter Bag Layers	3	3	3	3
Sound Pressure (dB(A) @1m)	79	81	79	81
Sound Power (to IEC 60704-2-1) (dB(A))	87	89	87	89
Cable Length (m)	10	10	10	10
Cleaning Range (m)	26.8	26.8	26.8	26.8
Hose Length (m)	2.4	2.4	2.4	2.4
Tool Head Width (mm)	400	400	400	400
Approx Weight Machine Only (Kg)	16.5	18.7	24	26.2
Machine Dimensions W x L x H (mm)	415 x 415 x 645	415 x 415 x 645	800 x 490 x 880	800 x 490 x 880
Power Outlet Socket	Optional NDS570A	Optional NDD570A	Optional NDS900A	Optional NDD900A
Cleaning Kit	BA5	BA5	BA5	BA5



NDD570

DustCare "Auto"
The ultimate combination of **Auto operation** operational performance and automatic operation in conjunction with a whole selection of power tools both for woodworking and stone working. Each DustCare 570 or 900 machine, be it Simplex or Duplex can be fitted with our Electronic Auto Control System (A type).

All "A" machines are equipped with an appropriate power outlet pre-fitted to the power head. When a power tool is connected to this power supply the vacuum cleaner and the power tool operation will be fully synchronised. When the tool is switched off the vacuum cleaner will switch off automatically, the converse is also true, switch the power tool on and the vacuum cleaner switches on automatically. This is vitally useful when machines and workstation are not adjacent to each other. Using accessory kit ND5 e.g on scaffold or ladders will make the operation fully automatic, efficient and effective.

Kit BA5 607167



602930

602930

602931

602161

602381

602102

Kit ND5 - 607160

NDS900

MClass... Dust Collection and Control... MClass... MClass... MClass... MClass... MClass... MClass... MClass... MClass...

By definition the M Class range is designed to satisfy Medium hazard situations where there is a need for higher levels of filtration, ensuring that the dust being collected is fully captured and bagged for the appropriate safe disposal. Very similar to DustCare models but with added micro filtration modules for added operational security.

Simplex motor

The M Class Simplex single motor models are available in two sizes being the 570/23-litre and 900/40-litre models. Both are manufactured to the same standard with many unique features and options designed to ensure a high level of usability and performance.

The collection and control of fine dust sounds simple, but achieving a consistently high level of performance requires features that function again and again. Good performance, easy to use and fit for business.

Duplex motor

The M Class Duplex twin motor machines are based on a 100% increase in power and performance and are a long time favourite in professional use. They are also available in the 23-litre and 40-litre sizes.

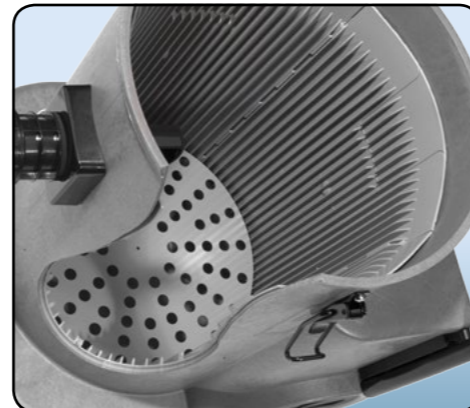
Where fine dust in volume is to be managed the operating airflow of the machine is all important, so that together with the appropriate accessories, dust is collected and bagged in the most efficient way possible.

Structurofoam and steel construction speaks for itself whilst our patented AirFlo and MicroFlo features provide a performance standard rarely matched.

Specification	MV570	MVD570	MV900	MVD900
Rated Motor Power (W)	960	960 X 2	960	960 X 2
Use Type	Dry	Dry	Dry	Dry
Max Motor Only Airflow (L/sec)	48	96	48	96
Max Suction (mm H ² O)	2500	2500	2500	2500
Capacity (L)	23	23	40	40
Filter Type	Permatex	Permatex	Permatex	Permatex
Dust Hazard Class (to Annex 69 of EN 60335-2)	M	M	M	M
Filter Bag Type	HepaFlo 3BH	HepaFlo 3BH	HepaFlo 4BH	HepaFlo 4BH
Filter Bag Layers	3	3	3	3
Sound Pressure (dB(A) @1m)	71	73	71	73
Sound Power (to IEC 60704-2-1) (dB(A))	79	81	79	81
Cable Length (m)	10	10	10	10
Cleaning Range (m)	26.8	26.8	26.8	26.8
Hose Length (m)	2.4	2.4	2.4	2.4
Tool Head Width (mm)	400	400	400	400
Approx Weight Machine Only (Kg)	17.1	19.3	25	27.2
Machine Dimensions W x L x H (mm)	415 x 415 x 746	415 x 415 x 746	490 x 800 x 880	490 x 800 x 880
Power Outlet Socket	Optional MV570A	Optional MVD570A	Optional MV900A	Optional MVD900A
Cleaning Kit	BA5	BA5	BA5	BA5
Filtration Efficiency Classification	H13 (EN1822)	H13 (EN1822)	H13 (EN1822)	H13 (EN1822)



Easy empty extending nozzle



High efficiency internal AirFlo system



M Class



Plugged easy change cable



Optional power outlet socket, Simplex 2000W power outlet, Duplex 1000W power outlet



AutoFlo Operation of M Class

In many circumstances M Class machines need to be able to operate with a selection of dust generating power tools, sometimes at a distance from machine to operator.



The M Class range is available with an added Auto facility allowing the machine to operate automatically in complete unison with power tools. It can be connected directly to the dust hood of the tool and switched On and Off automatically.



MV570

MV900



Note: Always ensure the correct clothing and breathing protection is used at all times.

Note: Always ensure the correct clothing and breathing protection is used at all times.

Hazardous Compact Series... HClass... HClass... HClass... HClass... HClass... HClass... HClass... HClass... HClass... HClass... HClass...

The collection of hazardous and possibly carcinogenic substances is a very serious requirement demanding a high standard of operation together with features that allows for an effective decontamination procedure after use. Models are available in a range of sizes from 9-litre to 40-litre all working to the same filtration standard.



NuCable allows easy cable replacement

H Class (HZ) Compact Series

The three small machines within the HZ range only vary in the container size and construction. The universal HZ power head is of all steel construction and incorporates a full TwinFlo motor, service centre handle, bag full indicator and NuCable plugged cable system as standard. The filter unit is mounted in an all steel secure module with a separate primary pre-filter in the container itself. All machines are designed to operate together with our high efficiency HepaFlo dust bags to ensure excellent performance and easy, clean and safe emptying.

All machines are supplied with comprehensive accessory kits including initial HepaFlo dust bags of the correct size.



Transit safety cap top and bottom



H Class

Specification	HZ200	HZ250	HZ370
Rated Motor Power (W)	960	960	960
Use Type	Dry	Dry	Dry
Max Motor Only Airflow (L/sec)	48	48	48
Max Suction (mm H ² O)	2500	2500	2500
Capacity (L)	9	8	15
Filter Type	TriTex	TriTex	TriTex
Dust Hazard Class (to Annex 69 of EN 60335-2)	H	H	H
Filter Bag Type	HepaFlo 1CH	HepaFlo 1CH	HepaFlo 1CH
Filter Bag Layers	3	3	3
Sound Pressure (dB(A) @1m)	69	69	72
Sound Power (to IEC 60704-2-1) (dB(A))	77	77	80
Cable Length (m)	10	10	10
Cleaning Range (m)	26.8	26.8	26.8
Hose Length (m)	2.4	2.4	2.4
Tool Head Width (mm)	N/A	N/A	N/A
Approx Weight Machine Only (Kg)	10.1	11.5	10.4
Machine Dimensions W x L x H (mm)	355 x 355 x 520	340 x 340 x 455	355 x 355 x 570
Power Outlet Socket	N/A	N/A	N/A
Cleaning Kit	AA17	AA17	AA18
Filtration Efficiency Classification	H13 (EN1822)	H13 (EN1822)	H13 (EN1822)



HZ370

HZ200

HZ250

HepaFlo bags



H Class Micro filter cartridge

Kit AA17 607470 / Kit AA18 902242



HZ200 / HZ250 / HZ370

Hazardous

HZ570 series... HClass... HClass... HClass...

In the selection of any dust control machine it is vitally important that the size, power and capacity are given serious consideration from the outset as the right choice will play an important, and ongoing part in terms of user satisfaction.



H Class Micro filter

HZ/D-570 Series

The midrange HZ570 series provides a choice of Simplex HZ570 one motor or Duplex HZD570 two motor models. The Duplex models have a 100% increase in airflow over the Simplex units and would be the preferred selection where larger volumes of fine material need to be collected. The power head is of all steel construction with bag full indicator and NuCable plugged mains cable system. The H Class filter module is securely mounted within our all steel housing and provides a high efficiency standard in use. The container is of a one piece Structofoam construction.



Transit safety cap top and bottom



H Class

HZ900 series... HClass...

Bigger is not always better but, in the case of hazardous dusts, the bigger bag capacity means less emptying and bag changes which is an important selection consideration.

HZ/D-900 Series

Available in one motor HZ900 or two motor HZD900 models, designed to provide increased capacity and mobility whilst incorporating all the many advanced features of the 570 models.

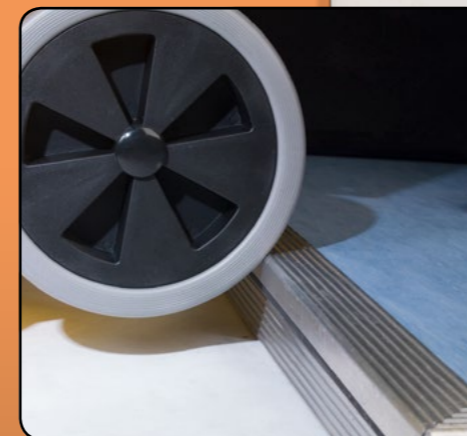
An important consideration when selecting a machine for the collection of hazardous dusts is that, quite often, the dust itself is by definition "fine dust" and, in this respect, the HepaFlo and MicroFlo bag options provide operational performance to an exceptionally high standard, combined with the ideal system for clean and safe emptying.



HZ900



HZ570



Large rear wheels for ease of transportation

Specification	HZ570	HZ900	HZD570	HZD900
Rated Motor Power (W)	960	960	960X2	960X2
Use Type	Dry	Dry	Dry	Dry
Max Motor Only Airflow (L/sec)	48	48	96	96
Max Suction (mm H ₂ O)	2500	2500	2500	2500
Capacity (L)	23	40	23	40
Filter Type	Permatex	Permatex	Permatex	Permatex
Dust Hazard Class (to Annex 69 of EN 60335-2)	H	H	H	H
Filter Bag Type	HepaFlo 3BH	HepaFlo 4BH	HepaFlo 3BH	HepaFlo 4BH
Filter Bag Layers	3	3	3	3
Sound Pressure (dB(A) @1m)	72	72	78	78
Sound Power (to IEC 60704-2-1) (dB(A))	80	80	86	86
Cable Length (m)	10	10	10	10
Cleaning Range (m)	26.8	26.8	26.8	26.8
Hose Length (m)	2.4	2.4	2.4	2.4
Tool Head Width (mm)	N/A	N/A	N/A	N/A
Approx Weight Machine Only (Kg)	17.1	25	19.3	27.2
Machine Dimensions W x L x H (mm)	415 x 415 x 746	490 x 800 x 880	415 x 415 x 790	490 x 800 x 880
Power Outlet Socket	N/A	N/A	N/A	N/A
Cleaning Kit	AA19	AA20	BB19	BB20
Filtration Efficiency Classification	H13 (EN1822)	H13 (EN1822)	H13 (EN1822)	H13 (EN1822)

Kit AA19 902243 / Kit AA20 607348



Kit BB19 607349 / Kit BB20 607350



Note: Always ensure the correct clothing and breathing protection is used at all times.

HepaFlo and MicroFlo Filter bag options

It is vitally important that for any industrial cleaning or fine dust collection activity, a trial and selection of the correct dust collection bag is given serious thought from the very outset.

For the full range of 570 and 900 models there are two main patented dust bag specifications, the HepaFlo and the MicroFlo. Which of these will provide you with the best performance and results will depend on each individual application.

HepaFlo

This is the first port of call for normal industrial vacuum cleaner operation providing excellent all round performance.

MicroFlo (Patent Applied For)

Whenever the use can be described as a fine dust application, then the MicroFlo technology needs to be considered as it is designed to maximise performance and filling in these more difficult circumstances.

Important Note

The MicroFlo performance can sometimes be too good when a HepaFlo would be more than sufficient. This can result in over filling resulting in difficulty in removing the full bag from the machine in use.

In applications such as chimney sweeping, woodworking, etc. where ultra fine dust is not the main problem, the HepaFlo bags provide excellent performance. Conversely if fine dust and volume is evident then MicroFlo is the superior and only choice.



MicroFlo Filter bag cutaway



If in doubt do a test with both types and judge by actual results. The whole purpose of the HepaFlo/MicroFlo system is to ensure clean performance and clean disposal in often difficult circumstances.

Testing and Certification

H/M Class machines are designed to comply and exceed requirements of BS Standard EN 60335-2-69. Each and every part or feature is dedicated to providing a machine that will operate in demanding professional environments.

Every machine is an assembly of many different components and when completed the "WHOLE" assembly needs to be tested to ensure total compliance and not as much as a single screw is not totally secure.

Each machine is fully "End of Line" tested and an appropriate certificate issued with the machine to confirm the test and certify its compliance.

The filter cartridge is pre-tested prior to the machine build and spare filters supplies are equally pre-tested to ensure compliance when replaced in an operating machine.



Class Testing facility

The regulatory discipline in the H type world does not stop at the product alone and almost each and every application will be different in terms of the environment and, equally, in the material needing to be vacuum collected as part of the Health and Safety requirement. Each and every operator should wear the correct safety clothing and be equipped with respiratory equipment appropriate to the application.

Once used for a hazardous substance collection machines will need to be subjected to a decontamination procedure and this must be carried out by professionals with all the necessary facilities.

Class Certification & Testing facility



Note: Each environment and application will require a risk assessment to determine the correct vacuum selection. Always ensure the correct clothing and breathing protection is used at all times.



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