

Industrial vacuum cleaner 500-series

Configurable industrial vacuum cleaner for liquid and coarse particle extraction



Not just an ordinary industrial vacuum cleaner but a configurable solution to customer's specific challenges within wet or dry vacuum cleaning.

Nederman offers a unique and wide range of possible vacuum heads in order to provide the ultimate solution for your specific application. Electric or compressed air driven vacuum heads, with different capacities, are available.

Single container system designed for the collection of coarse particles, such as swarf and granulates as well as liquids and sludge. The container collects and holds a large volume of material and can be equipped with a drain valve for liquids.

Depending on the application, there are different filter types and stages to choose from, like polyester filter bags, coarse filter bags and cartridge filters.

For applications when handling liquids the unit can be equipped with a float system that prevents overflowing of the container.

Trolley can either be a simpler 2-wheel trolley or a more robust and tiltable trolley with four wheels and forklift slots, all depending on your actual needs.






- Configured and customized industrial vacuum cleaner
- Wide range of vacuum heads, filters and other components are available
- High material collection capacity
- Also available in stainless steel, 316L.
- Float system prevents overflowing when handling liquids

Product name	Industrial vacuum cleaner 500-series
Compressed air consumption	1,0 to 9,5Nm ³ /min @ 7bar for A-units
Installation	[Indoor], [Outdoor]
Application	[granulate], [swarf], [liquid]
Dustbin volume (l)	160-220
Max Airflow (m ³ /h)	306-690
Hose Diameter (mm)	38-76
Hose length (m)	5-40
Power Voltage (V)	230
Frequency (Hz)	50/60
No of phases	1
Filter type	[bag]
Number of filter elements	1
Type of hose	[W]
Outlet	Drain Valve
Power (kW)	2.5/2.4



Granulate Swarf Liquid

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Image	Compressed air requirement	Max airflow (m³/h)	Noise level (dB(A))	Max vacuum (kPa)	Inlet	Weight (kg)	Model
	3.0 Nm³/min	342	73.5	52	Ø51mm	94	46050000*
		460	79.7	21.5	Ø51mm	63	46050001**
		460	79.7	21.5	Ø51mm	96	46050002***
	3.0 Nm³/min	342	73.5	52	Ø51mm	61	46050003****
	5.3 Nm³/min	318	75	78	Ø51mm	61	46050004*****

*Consists of 43035047, 43110300, 43366001, 43731001, 43950011 and 43660300



















**Consists of 43054200, 43622304, 43110300, 43660001, 43660300, 43730001 and 43366001

***Consists of 43054100, 43110100, 43366001, 43622300, 43660300, 43660001 and 43731001


****Consists of 43035047, 43110300, 43950011, 43660300, 43366001 and 43730001

*****Consists of 43035051, 43110300, 43366001, 43660300, 43730001 and 43950011.


















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	Accessory	Part No
	Hose PE/C Ø 51 L=5m	40160331
	Hose PE/C Ø 51 L=15m	40160333
	Hose PE/C Ø 51 L=30m	40160335
	Hose PE/C-63 L=5m	40375954
	Flex. Hose Antist.Ø 063 Black,L=15m	40375787
	PVC Hose, Ø 51 mm. length 7,5m with cconductive ouplers	43822600*
	PVC Hose, Ø 51 mm. length 10 m with couplers	43822200*
	PVC Hose, Ø 51 mm. length 25 m	43822300**
	Hose connector d50	43880050
	Hose connector d63	43880100
	Hose joint d76, Acid stainless steel	43880150
	Hose red conical d63-51	43880250
	Reducer conical d76-51, Acid stainless steel	43880300
	Reducer conical d76-63, Acid stainless steel	43880350
	Hand nozzle, hard brush Ø90 mm	43860001***
	Hand nozzle, soft brush Ø90 mm	43860200***
	Toothed nozzle width 130 mm	43861001****
	Cone nozzle Length 250 mm	43862001****
	Steel swarf nozzle, Ø50 mm, Silenced inlet	40150030****
	Scraper nozzle, length: 1000 mm	43851150****
	Scraper nozzle, length: 500 mm	43851050****
	Scraper hand nozzle, length 1000 mm	43851200****

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Accessory		Part No
	Scraper hand nozzle, length 500 mm	43851100****
	Scraper hand nozzle, length 1000 mm	43851250****
	Elbow pipe, Ø51 mm	43842150****
	Hose PU12 Ø 51 L=7,5m w. couplings	43832102*
	Hose PU12 Ø 63 L=5m	43833200
	Hose PU12 Ø 76 L=10m	43834200
	Hose PU12 Ø 76 L=20m	43834300
	Hose PU12 Ø 51 L=5m	43832500
	Hose PU12 Ø 63 L=20m	43833100
	Hose PU12 Ø 63 L=10m	43833001
	Hose PU12 Ø 51 L=10m	43832600
	Hose PU12 Ø 51 L=20m	43832300
	Floor nozzle, width 400 mm with small nylon wheels	43840100****
	Floor nozzle, width 500 mm with small nylon wheels	43840150****
	Floor nozzle, width 500 mm with large rubber wheels	43840300****
	Floor nozzle, width 400 mm with large rubber wheels	43840250****
	Floor nozzle, width 600 mm with large rubber wheels	43840350****
	Floor nozzle width 400 mm without wheels for wet suction	43840500****
	Floor cleaning equipment width 600 mm with small nylon wheels	43840200****
	loor nozzle width 400 mm without wheels for dry suction	43840550****
	Floor suct head d63/600	43840450****
	Floor suction head width 500mm, Ø63	43840400****

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Accessory		Part No
	Cleaning pipe, length 1100 mm, Ø51 mm	43842001****
	Suction pipe aluminium Ø63	43843001*****
	Suct pipe bend alum d63	43843050*****
	Swivel steel d63	43843100*****
	Bulk nozzle Length 910 mm	43850001***
	Bulk nozzle for floor length 1200 mm	43850150****
	Bulk nozzle length 910 mm	43850050****
	Bulk nozzle for floor, length 1200 mm	43850200****
	Bulk nozzle length 910 mm for swivel	43850051****
	Bulk nozzle	43850100****
	Bulk nozzle with handle	43850250****
	Hose type P	40130911*****
	Hose type P	40130912*****
	Hose type P	40130902*****
	Hose type P	40130903*****
	Hose type P	40130934*****
	Hose PE/C-63 L=10m	40375955
	Hose PE/C-51 L=7,5m w.couplers	43812103*****
	SF51, female swivelling coupling dia 51	43930101
	SM 51, Male swivelling coupling dia 51	43930102

*Couplings included, Ø 51 mm

**Without couplers

***ATEX - Suitable for combustible dust with MIE (minimum ignition energy) < 1mj. Ensure earthing to extraction unit. Not to be used in combustible gas atmospheres or extraction of explosive materials

****ATEX - Suitable for combustible dust (zone 20,21,22) and gas (zone 1,2) of group IIA , IIB and IIC. Ensure earthing to extraction unit. Not to be used for extraction of explosive materials

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*****ATEX - This product is suitable to be used as cleaning equipment for combustible dusts with MIE (minimum ignition energy) >1 mJ. Product is to be properly earthed to the extraction unit. Not for usage in combustible gas atmospheres or extraction of explosive materials.

*****Temp. - -25 to + 50 deg. C., Max vacuum - 50 kPa.

*****Couplings included Ø 51 mm