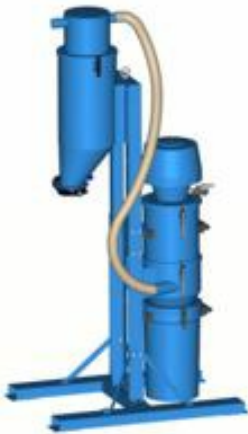


# 471A configurable

A powerful dust collector, excellent high vacuum for suction over long horizontal and vertical distance



## 471A configurable

- ✓ Robust and efficient self-cleaning filter
- ✓ Very powerful and reliable ejector as vacuum producer
- ✓ Suitable for heavy and/or abrasive material
- ✓ Control system with many different functions is available as an accessory

Nederman Pre-separation and Vacuum Transportation Systems pre-separate and discharge dust and granulated material during vacuuming and vacuum transport.

A system can handle dry material like cement, fertilizers, grit, sand, as well as wet material. Collected material can be discharged into tanks, containers, big-bags, on to conveyor belts, escalators etc.

The configuration of modules will be similar to 471A which are aimed for the toughest applications, for example handling a lot of abrasive and heavy material. The robustness of the unit and the power from the reliable ejector makes the unit very suitable for many applications where many industrial vacuum cleaners can not be used. For example to collect blasting material in blasting hall, sand recovery in foundries etc.

Your unit can be configured to meet your specific demands. Different ejectors can be used depending on the demand but also the availability of compressed air. The ejector can be placed on a stationary silo with filter.

Nederman has a range of different discharge valves that can be fitted to the silo for easy discharge of the collected material. If handling larger quantities of material and in order to make the material handling more effective Nederman recommends using a pre separator before the vacuum unit. The 471A is a complete unit including a pre separator.

To configure your 471A you may only choose modules listed in this document and with mfc (module for configuration) in title.

1. Select ejectormodule depending on required vacuum and air flow.
2. Select filtermodule depending on filter capacity.
3. Select silomodule depending on disposal option.
4. Select disposal option, container or discharge valve with plastic bag.
5. Select coarse grain separator.
6. Select silo.
7. Select discharge valve.
8. Select frame.
9. Select hose for connection between vacuum cleaner and separator.
10. Select cleaning equipment.

Choose how to control your butterfly valve:

1. Electric controlled
  - You need a namur valve, solenoid valve recommended for the ejector size you choose and a suitable control box.
2. Air controlled
  - You need a namur valve.

Hose for air supply to the namur valve is not supplied by Nederman.

Ensure you meet all requirements for your modules.



## 471A configurable

Sertifiseringer	CE
Rengjøringsmetode, filter	[CompressedAir]

## Models

	Item number	[ItemCompressedAirRequirement]	[ItemMaxAirFlow]	[ItemMaxVaccum]	Vekt (kg)	Filtertype	Antall filterelementer
	43051004	7 bar and 3,0 Nm <sup>3</sup> /min	342 Nm <sup>3</sup> /h	-52	13		
	43051005	7 bar and 4,3 Nm <sup>3</sup> /min		-68	13		
	43051006	7 bar and 5,3 Nm <sup>3</sup> /min		-78	13		
	43160101				22	Kuvertfilter	36
	43420026				12		
	43420027				12		
	43640001				3		
	43640003 <sup>[1]</sup>				3		
	43751039 <sup>[2]</sup>				55		
	43751040 <sup>[3]</sup>				50		
	43413026				24		
	43332001						
	43334001						

## Models

	Item number	[ItemCompressedAirRequirement]	[ItemMaxAirFlow]	[ItemMaxVaccum]	Vekt (kg)	Filtertype	Antall filterelementer
	43550002 <sup>[4]</sup>				15		
	43550005 <sup>[5]</sup>				15		

<sup>[1]</sup> Recommended with 43630100














<sup>[2]</sup> Fits blastpots up to 680mm width. Max height 2,3m.

<sup>[3]</sup> Fits blastpots up to 560mm width. Max height 2,3m.














<sup>[4]</sup> Suitable for suction hose PU12 Ø51mm with coupler 40377028

<sup>[5]</sup> Flap valve 43885001 can be used on the inlet














## Accessories

	Accessory	Item number
	Utslippsventil manuell	43630001
	Manual butterflyvalve kit, MFC	43630400
	Klypeventil DN65	43632001
	Klypeventil DN80	43632100
	Klypeventil DN100	43632200
	Diskventil m/motv.	43630200
	Utslippsventil pneum	43630100
	Utslippsventil Linatex d100 sett m/	43630300
	Control System for Ejectors	43220034
	BLI EX	40375269
	Plastpose S50 - 25 stk 630x800	43650104
	Joint sleeve 65	40377028
	Koblingshylse 76mm	40130990













## Accessories

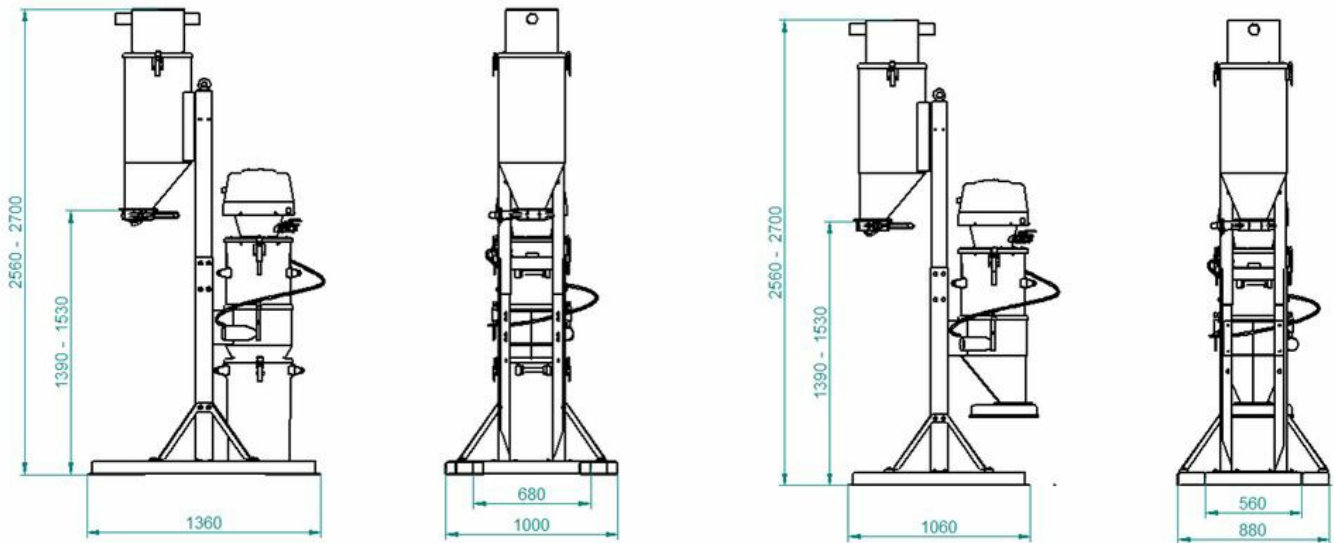
	Accessory	Item number
	Joint sleeve d75-89/d53-63mm	43884464
	Joint sleeve d65-75	43884463
	Slange PU12-51 L=10 m	43832600
	Slange PU12-51 L=5m	43832500
	Slange PU12-51 L=20 m	43832300
	Slange PU12-51 L=7,5m med koblinger	43832102
	Slange PU12-51 L=10 m m/koblinger	43832200
	Slange PU12-63 L=5m	43833200
	Slange PU12-63 L=10 m	43833001
	Slange PU12-63 L=20 m	43833100
	Avsugstst. kompl. d51/500	42932100
	Avsugstst. kompl. d51/400	42932800
	Avsugstst. kompl. d51/400	42932300

## Accessories

	Accessory	Item number
	Sugehode, gulv d51/500	43840150
	Sugehode, gulv d51/400/65	43840250
	Børstesugehode d51/400	43840550
	Håndsugsenh stiv børste d51	43860001
	Handavsugshode pp d51	43861001
	Konisk munnstykke d51	43862001
	Sugerørbøy d51 antist	43842150
	Sugerør d51 PEHD-el 1m	43842001
	Sugemunnstykke d51 m/håndtak	43850150
	Sugemunnstykke d51	43850001
	Skrapeverktøy d51 I1000	43851150
	Skrapeverktøy d51 I500	43851050
	Munnstykke spon D=50 mm	40150030

## Accessories

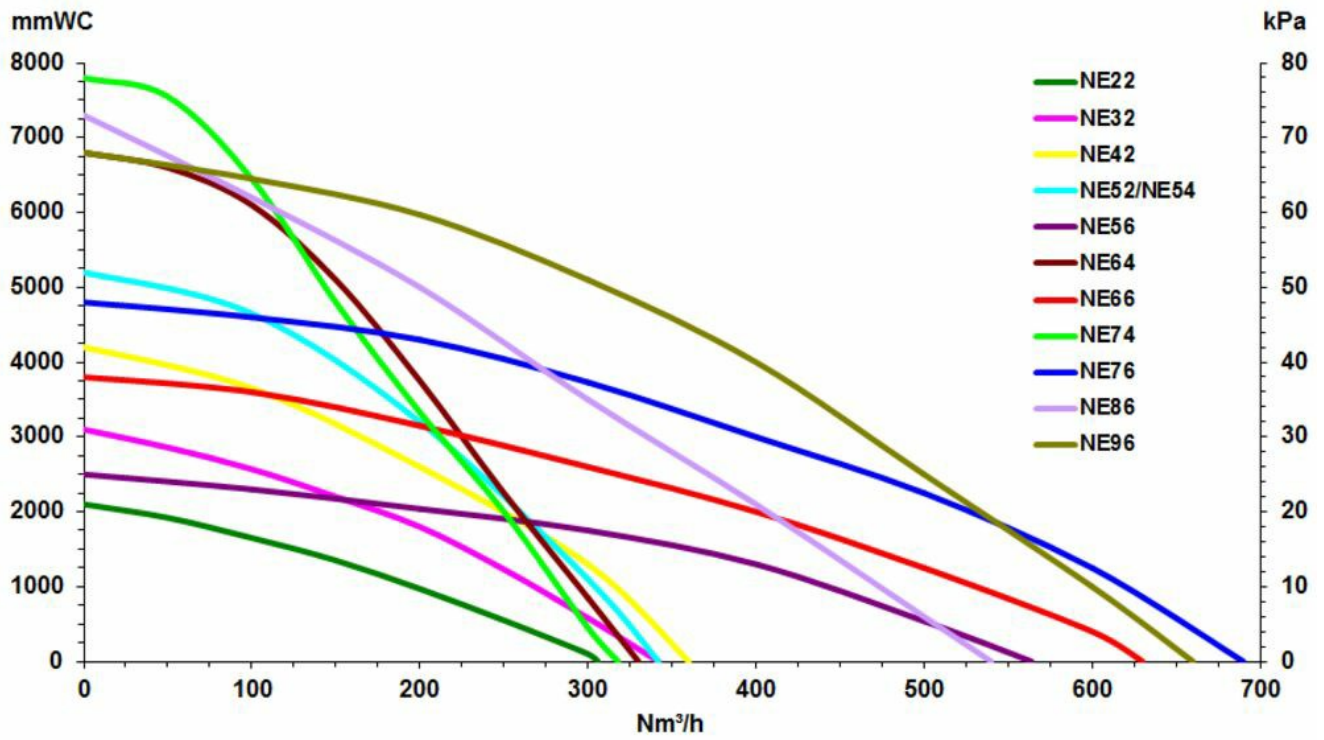
	Accessory	Item number
	Sugehode, gulv d63/500	43840400
	Sugemunnstykke d63	43850050
	Sugemunnstykke d63 hatch	43850051
	Sugemunnstykke d63 m/håndtak	43850200
	Skrapeverktøy d63 I1000	43851200
	Sugerør alum d63	43843001
	Sugerørbøy alum d63	43843050
	Stålsvivel d63	43843100
	Hose PU12-76 L=2,5m	43834500
	Kontroll Sfor NE 22-76	43220001
	Kontroll Sfor NE 22-76	43220026
	Kontroll Sfor NE86-96	43222008



The height of your configuration is depending on which modules you choose

Ejector/Hose dimension	ø51mm	ø63mm	ø76mm
NE52	2	N/A	N/A
NE64	2	2,4	N/A
NE74	2,3	2,7	N/A
NE76	1,7	2,7	3,6
NE96	2,6	3,6	4,9

Capacity (tonne/hour) with Blasting media 2,4kg/liter and 20m hose



Air Powered ejectors All performance data are based on 7 bar supply pressure