

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

Cerifikat	CE
Metod för filterrensning	Tryckluft

Modeller

	Art.nr	Tryckluftsbehov	Max luftflöde (m³/h)	Max vaccum (kPa)	Vikt (kg)	Typ av filter	Antal filter
	43051004	7 bar and 3,0 Nm³/min	342 Nm³/h	-52	13		
	43051005	7 bar and 4,3 Nm³/min		-68	13		
	43051006	7 bar and 5,3 Nm³/min		-78	13		
	43160101				22	Stavfilter	36
	43420026				12		
	43420027				12		
	43640001				3		
	43640003 ^[1]				3		
	43751039 ^[2]				55		
	43751040 ^[3]				50		
	43413026				24		
	43332001						
	43334001						

Modeller

	Art.nr	Tryckluftsbehov	Max luftflöde (m³/h)	Max vacuum (kPa)	Vikt (kg)	Typ av filter	Antal filter
	43550002 ^[4]				15		
	43550005 ^[5]				15		

^[1] Rekommenderas för 43630100

^[2] Fits blastpots up to 680mm width. Max height 2,3m.

^[3] Fits blastpots up to 560mm width. Max height 2,3m.

^[4] Lämplig för sugslang PU12 Ø51 mm med koppling 40377028

^[5] Klaffventil 43885001 kan användas på inloppet

Tillbehör

	Tillbehör	Art.nr
	Manuell utloppsventil	43630001
	Manual butterflyvalve kit, MFC	43630400
	Strypventil DN65	43632001
	Strypventil DN80	43632100
	Strypventil DN100	43632200
	Utloppsventil med motvikt	43630200
	Utloppsventil pneum	43630100
	Utloppsspjöll Linatex d100 set med	43630300
	Control System for Ejectors	43220034
	BLI EX	40375269
	Plastsäck S50 - 25 st 630x800, för säckhållare	43650104
	Joint sleeve 65	40377028
	Skarvhylsa dia 76mm	40130990

Tillbehör

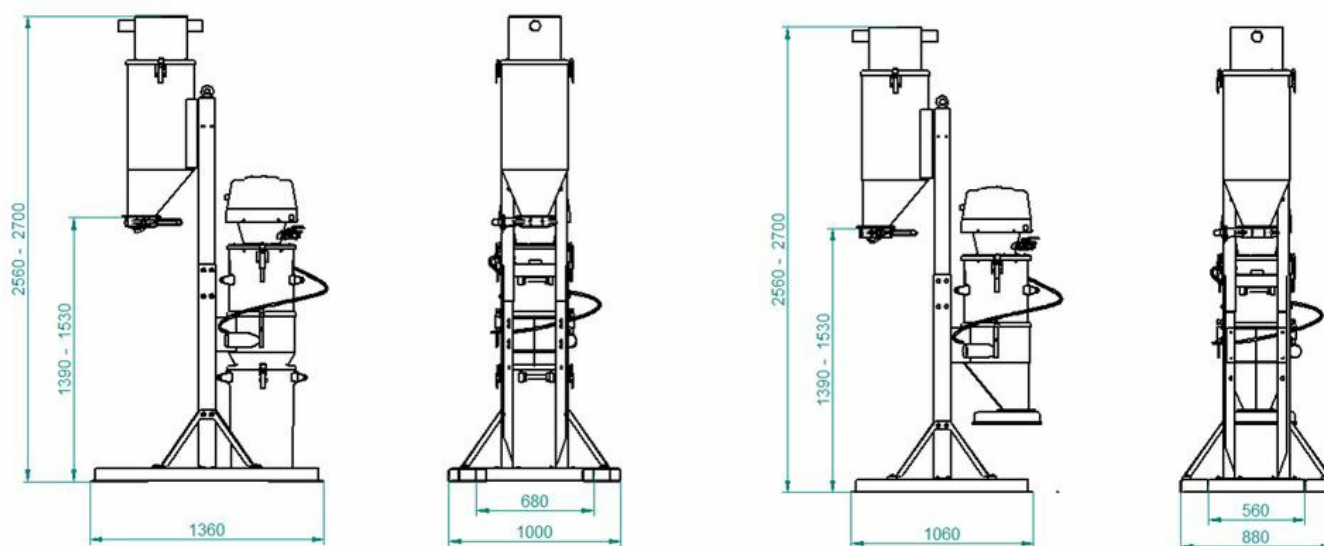
	Tillbehör	Art.nr
	Joint sleeve d75-89/d53-63mm	43884464
	Joint sleeve d65-75	43884463
	Slang PU12-51 L=10 m	43832600
	Slang PU12-51 L=5 m	43832500
	Slang PU12-51 L=20 m	43832300
	Hose PU12-51 L=7,5 m w. kopplingar	43832102
	Slang PU12-51 L=10 m med kopplingar	43832200
	Slang PU12-63 L=5 m	43833200
	Slang PU12-63 L=10 m	43833001
	Slang PU12-63 L=20 m	43833100
	Sugutrustning komplett d51/500	42932100
	Sugutrustning komplett d51/400	42932800
	Sugutrustning komplett d51/400	42932300

Tillbehör

	Tillbehör	Art.nr
	Golvmunstycke d51/500	43840150
	Golvmunstycke d51/400/65	43840250
	Golvmunstycke borst d51/400	43840550
	Handmunstycke h styv borste d51	43860001
	Tandat munstycke pp d51	43861001
	Koniskt munstycke d51	43862001
	Böj för städrör d51 antistatiskt	43842150
	Städrör d51 PEHD-el 1m	43842001
	Bulkmunstycke d51 med handtag	43850150
	Bulkmunstycke d51	43850001
	Skrapmunstycke d51 l1000	43851150
	Skrapmunstycke d51 l500	43851050
	Spånmunstycke dia 50 mm	40150030

Tillbehör

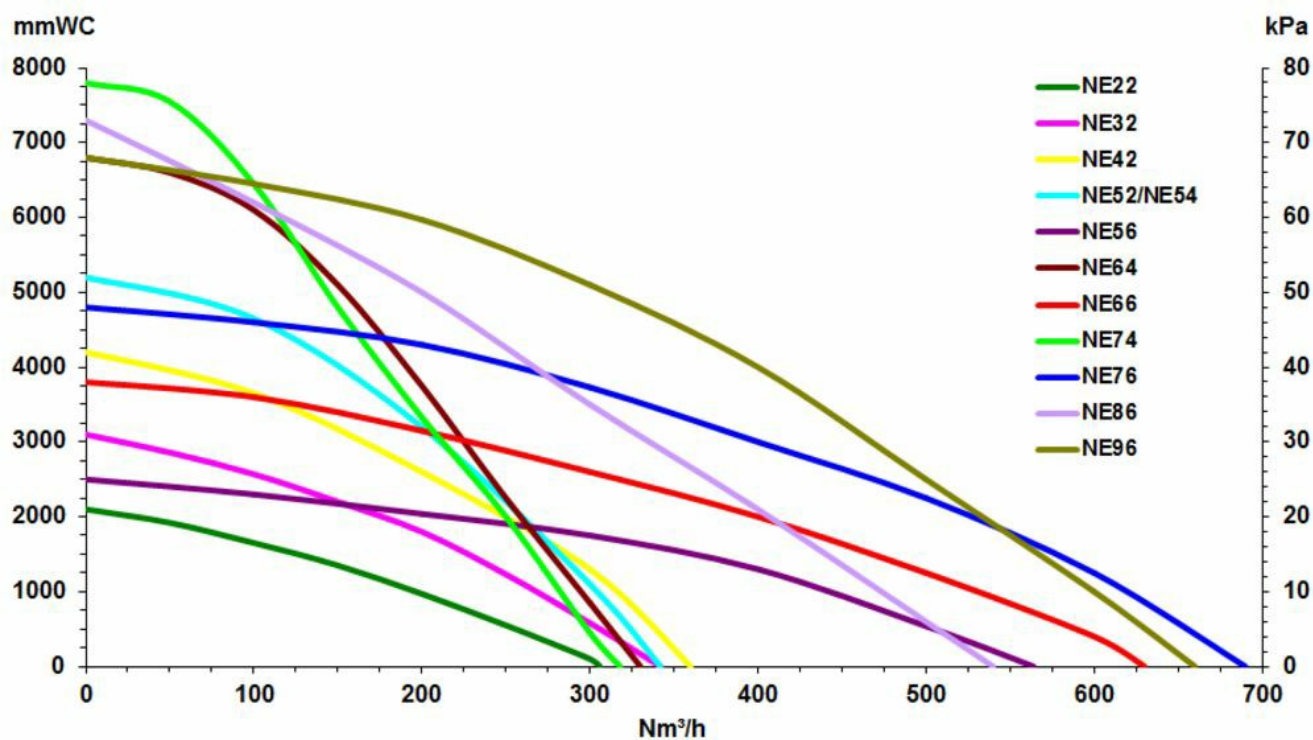
	Tillbehör	Art.nr
	Golvmunstycke d63/500	43840400
	Bulkmunstycke d63	43850050
	Bulkmunstycke d63 lucka	43850051
	Bulkmunstycke d63 med handtag	43850200
	Skrapmunstycke d63 l1000	43851200
	Städrör alum d63	43843001
	Städrör böj alum d63	43843050
	Svivel stål d63	43843100
	PU hose d76 2m	43834500
	Kontrollsystem för ejektor NE 22-76	43220001
	Kontrollsystem för NE 22-76, utan kontrollbox	43220026
	Kontrollsystem för NE86-96 utan kontrollbox	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