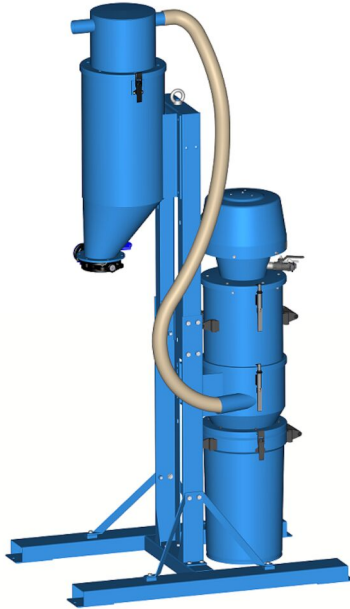


## 471A Configurável

Potente coletor de poeira, excelente para gerar vácuo através de grandes distâncias horizontais ou verticais.

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## 471A Configurável



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.

- 
- Filtro autolimpante robusto e eficiente

## 471A Configurável

- Ejetor gerador de vácuo, muito potente e confiável
- Adequado material pesado e abrasivo
- Sistema de controle com várias funções diferentes disponível como acessório

Produto	471A Configurável
Método de limpeza do filtro	Ar comprimido
Área Filtrante (m <sup>2</sup> )	1,6
Tipo de filtro	Saco
Número de elementos filtrantes	36
Max airflow (m <sup>3</sup> /h)	342 Nm <sup>3</sup> /h
Inlet	76 mm



## 471A Configurável

Imagem	Descrição	Compressed air requirement	Índice de ruído (dB(A))	Vácuo máx. (kPa)	Peso (kg)	Modelo
	NE52, Ejectormodule with S50 lid and 2 quick coupling	7 bar and 3,0 Nm <sup>3</sup> /min	75,5	-52	13	43051004
	NE64, Ejectormodule with S50 lid and 2 quick coupling	7 bar and 4,3 Nm <sup>3</sup> /min	77	-68	13	43051005
	NE74, Ejectormodule with S50 lid and 2 quick coupling	7 bar and 5,3 Nm <sup>3</sup> /min	75	-78	13	43051006
	Filtermodule, NCF1.6-I S50 Vyon F				22	43160101
	Silo S50 with plastic fasteners, inlet ø76, for container				12	43420026
	Silo S50 with plastic fasteners, inlet ø76, for discharge valve				12	43420027
	Bagholder for 43630200 or 43631001				3	43640001
	Bagholder for 43630100, for pneumatic discharge valve				3	43640003*
	Adjustable frame with bottom for S200 system and stand for S50 system				55	43751039**
	Adjustable frame with bottom for S50 system and stand for S50 system				50	43751040***
	Silo S50 for wall, without inlet				24	43413026
	Container S50 with excentric fasteners and antistatic handles					43332001
	Container 671					43334001
	Coarse grain separator S50 d63/76 for plastic fasteners				15	43550002****
	Coarse grain separator S50 d51/76 for plastic fasteners				15	43550005*****

\*Recommended with 43630100

\*\*Fits blastpots up to 680mm width. Max height 2,3m.

\*\*\*Fits blastpots up to 560mm width. Max height 2,3m.

## 471A Configurável

\*\*\*\*Suitable for suction hose PU12 Ø51mm with coupler 40377028

\*\*\*\*Flap valve 43885001 can be used on the inlet










## 471A Configurável

Acessório		Artigo nº
	Pneumatically operated butterfly discharge valve	43630500*
	Discharge valve manual	43630001**
	Manually operated butterfly discharge valve	43630400*
	Pinch valve DN65	43632001
	Pinch valve DN80	43632100
	Pinch valve DN100	43632200
	Discharge valve with counterweight	43630200**
	Discharge valve, pneumatically operated	43630100**
	Discharge valve Linatex d100 set with reducer for flange	43630300
	Control system for ejectors	43220034
	Mounting plate Controlbox S50	43690009
	Level control for silo continuous feed out	43251001
	Bin Level Indicator (BLI) EX	40375269
	Plastic bag S50 - 25pcs 630x800	43650104
	Joint sleeve 65	40377028
	Joint sleeve for pipes 76mm, hoseclamp included	40130990
	Joint sleeve d75-89/d53-63mm	43884464
	Joint sleeve d65-75	43884463
	Mangueira PU12 Ø 51 L=10m	43832600
	Mangueira PU12 Ø 51 L=5m	43832500
	Mangueira PU12 Ø 51 L=20m	43832300
	Mangueira PU12, Ø51mm x 7,5m com acopladores	43832102***

## 471A Configurável

	Acessório	Artigo nº
	Mangueira PU12 Ø 51 L=10m com acopladores	43832200***
	Mangueira PU12 Ø 63 L=5m	43833200
	Mangueira PU12 Ø 63 L=10m	43833001
	Mangueira PU12 Ø 63 L=20m	43833100
	Equipamento de limpeza com bocal de chão largura 500 mm com rodas pequenas de nylon Ø51 e tiras de borracha	42932100****
	Equipamento de limpeza com bocal de chão largura 400 mm sem rodas, para pavimento seco, com escovas	42932800****
	Equipamento de limpeza com bocal de chão largura 400 mm com rodas grandes de borracha Ø51 e tiras de borracha	42932300****
	Bocal para chão, largura 500 mm com rodas de nylon pequenas, Ø51mm	43840150*****
	Bocal para chão, largura 400 mm com rodas de borracha grandes, Ø51mm	43840250*****
	Bocal para chão, largura 400 mm sem rodas para sucção de secos, Ø51mm	43840550*****
	Bocal manual, escova dura, Ø90 mm, Ø51mm	43860001****
	Bocal com dentes largura 130mm, Ø51mm	43861001*****
	Bocal cônico, comprimento 250 mm, Ø51mm	43862001*****
	Tubo cotovelo, Ø51mm	43842150*****
	Tubo de limpeza, comprimento 1100 mm, Ø51 mm	43842001*****
	Bocal de chão, com pega, para material a granel 1200 x Ø51 mm	43850150*****
	Bocal para material a granel, 910 x Ø51mm	43850001****
	Bocal raspador, comprimento: 1000 mm, Ø51mm	43851150*****
	Bocal raspador, comprimento: 500mm, Ø51mm	43851050*****
	Bocal em aço para limalhas, Ø50 mm, entrada com silenciador	40150030*****
	Bocal para chão, largura 500 mm, Ø63mm	43840400*****
	Bocal para material a granel, 910 x Ø63mm, galvanizado.	43850050*****

## 471A Configurável

Acessório		Artigo nº
	Bocal para material a granel, L=910 mm para giratório (43843100), Ø63mm	43850051*****
	Bocal de chão, para material a granel 1200 x Ø63 mm	43850200*****
	Bocal raspador manual, comprimento 1000 mm, Ø63mm	43851200*****
	Tubo de sucção em alumínio, Ø63mm	43843001*****
	Tubo de sucção curvo alumínio d63	43843050*****
	Acoplador giratório, aço d63	43843100*****
	Hose PU12-76 L=2,5m	43834500
	Control S for NE 22-76	43220001
	Control S for NE 22-76	43220026
	Control S for NE86-96	43222008

\*Ø125mm Housing in NBR, Epoxy coated cast iron and flap/sleeve in stainless steel. Temp range -20C to +120C. Height - 110 mm (260 mm in open position)

\*\*Ø150mm Housing and flap in PA. Temp range -20C to +40C. Height - 155 mm (240 mm in open position)

\*\*\*Couplings included, Ø 51 mm

\*\*\*\*ATEX - Adequado para poeira combustível (zona 20,21,22). Assegurar ligação à terra da unidade de extração. Não deve ser usado em atmosferas com gás combustível ou extração de materiais explosivos.

\*\*\*\*\*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.

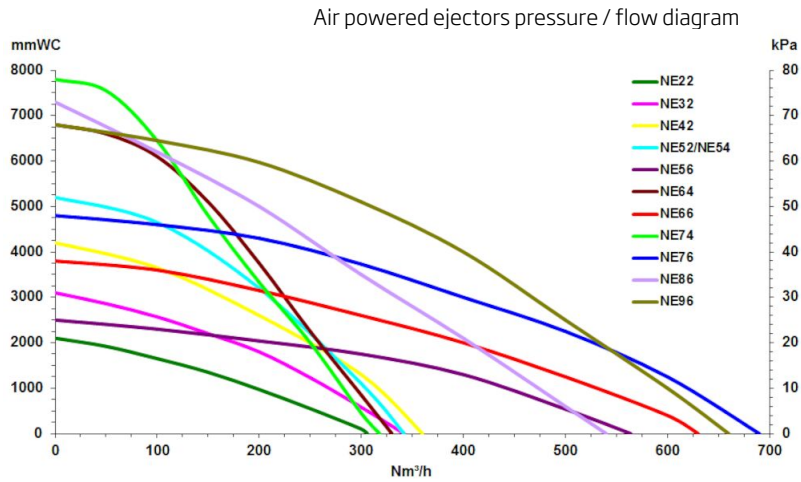
\*\*\*\*\*ATEX - This product is suitable to be used as cleaning equipment for combustible dusts with MIE (minimum ignition energy) >1 mJ. Product is to be properly earthed to the extraction unit. Not for usage in combustible gas atmospheres or extraction of explosive materials.

\*\*\*\*\*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

\*\*\*\*\*Adequado para poeiras combustíveis (zona 20,21,22) e gases (zona 1,2) dos grupos IIA, IIB e IIC. Assegurar ligação à terra da unidade de extração. Não deve ser usado em atmosferas com gás combustível ou extração de materiais explosivos.



## 471A Configurável

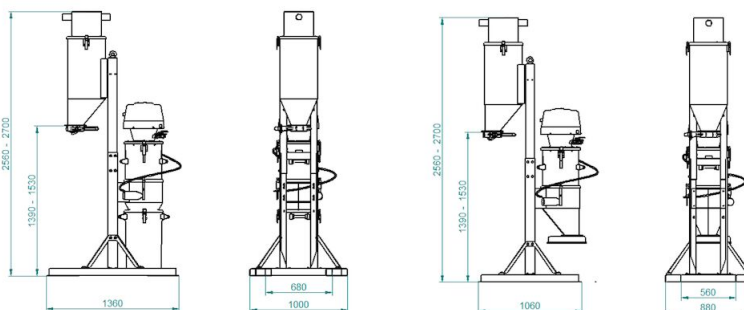


Air Powered ejectors

All performance data are based on 7 bar supply pressure

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



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