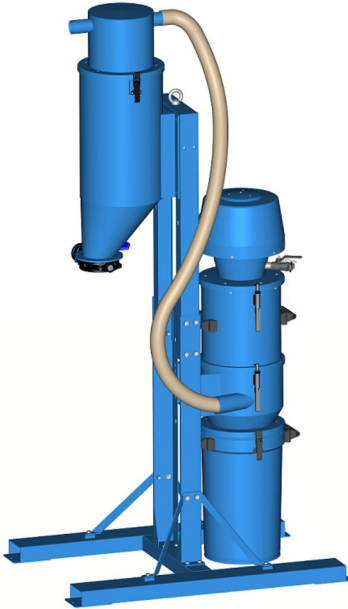


# 471A configurable

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

---

## 471A configurable



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

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

品名	471A configurable
清灰方式	压缩空气清灰
过滤面积（平方米）	1,6
除尘器类型	蜡烛过滤器
滤芯数量	36
Max airflow (m <sup>3</sup> /h)	342 Nm <sup>3</sup> /h
Inlet	76 mm



## 471A configurable

[image]	产品名称	Compressed air requirement	Noise level (dB(A))	Max vaccum (kPa)	重量 (公斤)	产品编号
	NE52, Ejectormodule with S50 lid and 2 quick coupling	7 bar and 3,0 Nm3/min	75,5	-52	13	43051004
	NE64, Ejectormodule with S50 lid and 2 quick coupling	7 bar and 4,3 Nm3/min	77	-68	13	43051005
	NE74, Ejectormodule with S50 lid and 2 quick coupling	7 bar and 5,3 Nm3/min	75	-78	13	43051006
	Filtermodule, NCF1.6-I S50 Vyon F				22	43160101
	Silo S50 with plastic fasteners, inlet 76, for container				12	43420026
	Silo S50 with plastic fasteners, inlet 76, 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 fastners and antistatic handles					43332001
	Container 67l					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 configurable

\*\*\*\*Suitable for suction hose PU12 51mm with coupler 40377028

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

# 471A configurable

附件		产品编号
	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
	传感器 防爆型	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
	软管 PU12 51 L=10m	43832600
	软管 PU12 51 L=5m	43832500
	软管 PU12 51 L=20m	43832300
	软管 PU12 51 L=7,5m w. 接头	43832102***
	Hose PU12 51 L=10m w. couplers	43832200***
	软管 PU12 63 L=5m	43833200
	软管 PU12 63 L=10m	43833001

# 471A configurable

附件		产品编号
	软管 PU12 63 L=20m	43833100
	Floor cleaning equipment width 500 mm with small nylon wheels 51 and rubber lips	42932100****
	Floor cleaning equipment width 400 mm without wheels for dry suction 51, with brushes	42932800****
	Floor cleaning equipment width 400 mm with large rubber wheels 51 and rubber lips	42932300****
	地面吸嘴, 宽500 mm 带尼龙小轮, 51	43840150*****
	地面吸嘴, 宽400 mm 带橡胶大轮, 51	43840250*****
	地面吸嘴, 宽400 mm 不带轮, 干式抽吸, 51	43840550*****
	手持吸嘴, 硬刷90mm, 51	43860001****
	锯齿形吸嘴 宽130 mm, 51	43861001*****
	锥形吸嘴 长250 mm, 51	43862001*****
	弯头, 51 mm	43842150*****
	清洁管道, 长1100 mm, 51 mm	43842001*****
	可拆卸吸嘴, 用于地面, 带手柄, 长1200 mm, 51 mm	43850150*****
	可拆卸吸嘴, 长910 mm, 51	43850001****
	开槽吸嘴, 长1000 mm 51	43851150*****
	开槽吸嘴, 长500 mm 51	43851050*****
	钢碎屑吸嘴, 50 mm, 消音入风口	40150030*****
	地面吸头, 宽500mm, 63	43840400****
	可拆卸吸嘴, 长910 mm, 镀锌, 63	43850050*****
	可拆卸吸嘴, 长910 mm, 用于旋转座 (43843100), 63	43850051*****
	可拆卸吸嘴, 用于地面, 长1200 mm, 63 mm	43850200*****
	开槽手持吸嘴, 长1000 mm, 63	43851200*****

## 471A configurable

附件		产品编号
	抽排管道 铝 63	43843001*****
	抽排铝管弯头 d63	43843050*****
	钢旋转接头 d63	43843100*****
	Control S for NE 22-76	43220001
	Control S for NE 22-76	43220026
	Control S for NE86-96	43222008

\*150mm Housing and flap in PA. Temp range -20C to +40C. Height - 155 mm (240 mm in open position)

\*\*125mm Housing in NBR, Epoxy coated cast iron and flap/sleeve i stainless steel. Temp range -20C to +120C. Height - 110 mm (260 mm in open position)

\*\*\*Couplings included, 51 mm

\*\*\*\*ATEX: 适用于可燃粉尘 (20区,21区,22区)。确保抽排设备接地。不能用于可燃气体环境和易爆物质的抽排。

\*\*\*\*\*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.

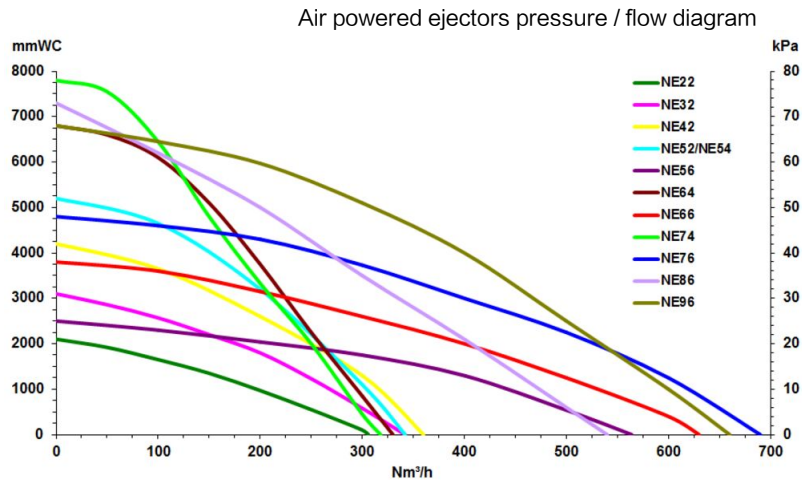
\*\*\*\*\*ATEX - Suitable for combustible dust (zone 20,21,22) and gas (zone 1,2) of group IIA, IIB and IIC. Ensure earthing to extraction unit. Not to be used for extraction of explosive materials

\*\*\*\*\*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.

\*\*\*\*\*ATEX: 适合易燃粉尘 (20、21、22 区) 和气体 (1、2 区) 类别 IIA、IIB 和 IIC。确保抽排装置接地。不适合抽排爆炸性物料



## 471A configurable

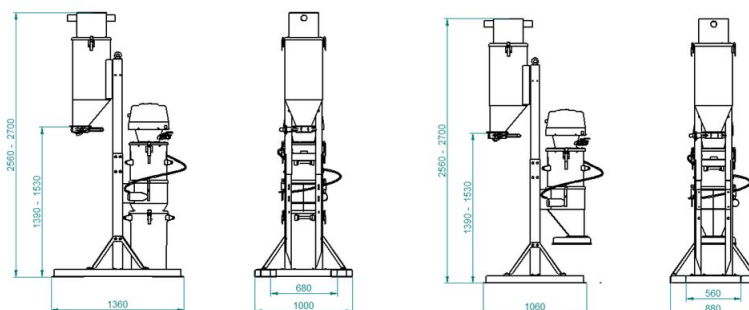


Air Powered ejectors

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