

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.



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证书	CE
清灰方式	压缩空气清灰

Models














	Item number	[ItemMaxAirFlow]	除尘器类型	滤芯数量
	43051004	342 Nm3/h		
	43051005			
	43051006			
	43160101		蜡烛过滤器	36
	43420026			
	43420027			
	43640001			
	43640003 ^[1]			
	43751039 ^[2]			
	43751040 ^[3]			
	43413026			
	43332001			
	43334001			

Models














	Item number	[ItemMaxAirFlow]	除尘器类型	滤芯数量
	43550002 ^[4]			
	43550005 ^[5]			

^[1] Recommended with 43630100
^[2] Fits blastpots up to 680mm width. Max height 2,3m.
^[3] Fits blastpots up to 560mm width. Max height 2,3m.
^[4] Suitable for suction hose PU12 Ø51mm with coupler 40377028
^[5] Flap valve 43885001 can be used on the inlet














Accessories

	Accessory	Item number
	手动卸料阀	43630001
	Manual butterflyvalve kit, MFC	43630400
	脉冲阀DN65	43632001
	脉冲阀DN80	43632100
	脉冲阀DN100	43632200
	平衡卸料阀	43630200
	气动卸料阀	43630100
	Discharge valve Linatex d100 set w/	43630300
	Control System for Ejectors	43220034
	通过 ATEX 认证的料桶液位计, 可在危险环境中进行安全监测, 并配有详细的用户手册说明。	40375269
	Plastic bag S50 - 25pcs 630x800	43650104
	Joint sleeve 65	40377028
	连接皮套管, 76mm	40130990












Accessories

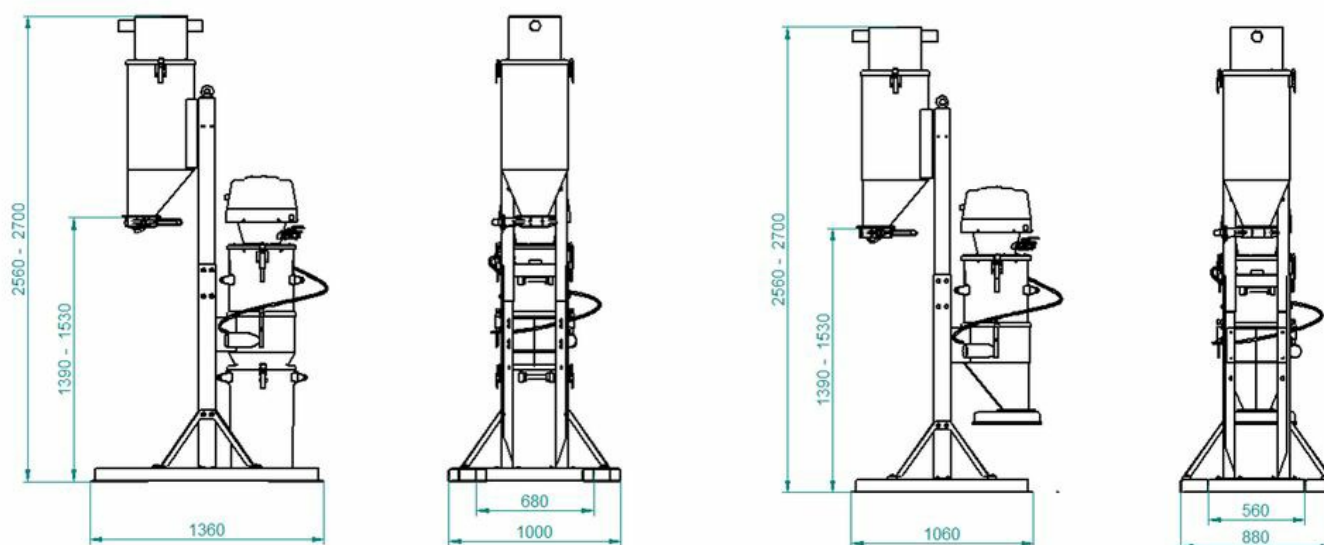
	Accessory	Item number
	Joint sleeve d75-89/d53-63mm	43884464
	Joint sleeve d65-75	43884463
	Hose PU12-51 L=10m	43832600
	Hose PU12-51 L=5m	43832500
	PU管d51, 20m	43832300
	Hose PU12-51 L=7,5m w. couplings	43832102
	PU管d51, 10m	43832200
	Hose PU12-63 L=5m	43833200
	PU管d63, 10m	43833001
	PU管d63, 20m	43833100
	吸口装置总成 d51/500	42932100
	吸口装置总成 d51/400	42932800
	吸口装置总成 d51/400	42932300

Accessories

	Accessory	Item number
	地板吸 头 d51/500	43840150
	地板吸 头 d51/400/65	43840250
	带毛刷地板吸 头 d51/400	43840550
	手持抽吸 头带毛刷d51	43860001
	手持抽吸 头PPd51	43861001
	手持锥形抽吸 头d51	43862001
	抽排管防静电弯头 d51	43842150
	抽排管 d51 pehd-el 1m	43842001
	强力吸 头带手柄 d51	43850150
	强力吸 头 d51	43850001
	铁屑抽吸装置 d51 I1000	43851150
	铁屑抽吸装置 d51 I500	43851050
	木屑/金属屑 吸嘴, D=50mm	40150030

Accessories

	Accessory	Item number
	地板吸头 d63/500	43840400
	强力吸头 d63	43850050
	Gulper head d63 hatch	43850051
	强力吸头带手柄 d63	43850200
	铁屑抽吸装置 d63 11000	43851200
	抽排铝管 d63	43843001
	抽排铝管弯头 d63	43843050
	钢旋转街头 d63	43843100
	控制器	43220001
	控制器 用于NE 22-76	43220026
	控制器 用于NE 86-96	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

