Product leaflet

# 710A, Configurable.

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

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# 710A, 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 similare to 710A 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 710A is a complete unit including a pre separator.

To configure your 710A you may only choose modules listed in this document and with mfc (module for configuration) in title.
Filterside:
1. Select ejectormodule depending on required vacuum and air flow.
2. Select filtermodule depending on filter capacity.
3. Select silomodule.
4. Select disposal option, bagholder and discharge valve.
5. Select frame.
Separatorside:
1. Select coarse grain separator.
2. Select silomodule.
3. Select discharge valve.
4. Select frame.
5. Select hose for connection between vaccum cleaner and separator.
6. Select joint sleeve depending on coarse grain separator and hose.
7. 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...

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# 710A, Configurable.

| | |
|---|---|
| Certifications | [ce] |
| Application | [granulate], [grit], [swarf], [dust] |

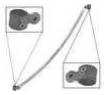
This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Models

| | Item no | Requisitos de aire comprimido | Max airflow (m³/h) | Max vacuum (kPa) | Weight (kg) | Filter type | Number of filter elements |
|---|---|---|---|---|---|---|---|
| | 43051000[1] | 4,3 Nm3/min @ 7 bar | 330 Nm3/h | -68 | 18 | | |
| | 43750001 | | | | | | |
| | 43441001 | | | | | | |
| | 43561001 | | | | | | |
| | 43661008 | | | | | | |
| | 43051001[1] | 5,3 Nm3/min @ 7 bar | 318 Nm3/h | -78 | 18 | | |
| | 43051002[2] | 5,4 Nm3/min @ 7 bar | 690 Nm3/h | -48 | 18 | | |
| | 43051003[2] | 8,6 Nm3/min @ 7 bar | 660 Nm3/h | -68 | 18 | | |
| | 43164101 | | | | 55 | [NCF] | 70 |
| | 43461007 | | | | | | |
| | 43752001 | | | | | | |
| | 43756001[3] | | | | | | |
| | 43756100[3] | | | | | | |

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Models

| | Item no | Requisitos de aire comprimido | Max airflow (m³/h) | Max vacuum (kPa) | Weight (kg) | Filter type | Number of filter elements |
|---|---|---|---|---|---|---|---|
|  | 43757001[4] | | | | | | |

[1] Recommended with filtermodule 43162101
[2] Recommended with filtermodule 43164101
[3] Each configuration needs the quantity of three legs, so to get a complete product you need to order three pieces of chosen number
[4] To be used with 43756100, order three pieces

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Accessories

| | Accessory | Item no |
|---|---|---|
| | Discharge valve manual | 43630001 |
| | Pinch valve DN65 | 43632001 |
| | Manual butterflyvalve kit, MFC | 43630400 |
| | Pinch valve DN80 | 43632100 |
| | Pinch valve DN100 | 43632200 |
| | Disch valve w/counterwt | 43630200 |
| | Discharge valve pneum | 43630100 |
| | Discharge valve Linatex d100 set w/ | 43630300 |
| | Bagholder f/0920220/230 | 43640001 |
| | Bagholder f/0920210 | 43640003 |
| | Bagholder f/big bag | 43640201 |
| | Bagholder for big bag, MFC | 43640217 |
| | Control S for NE 22-76, wo/control box | 43220026 |

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Accessories

| | Accessory | Item no |
|---|---|---|
| | Control S for NE86-96, wo/control box | 43222008 |
| | Control S for NE 22-76 | 43220001 |
| | Electrical Control system for ejector NE 86 (Suction time: 0-5 min, Discharge time: 0-15 sek) | 43222001 |
| | Mountingplate f/0802010 +0801020 | 43690001 |
| | Control System for Ejectors | 43220034 |
| | Hose PU12-51 L=10m | 43832600 |
| | Hose PU12-51 L=5m | 43832500 |
| | Hose PU12-51 L=20m | 43832300 |
| | Hose PU12-51 L=7,5m w. couplings | 43832102 |
| | Hose PU12-51 L=10m w. couplers | 43832200 |
| | Hose PU12-63 L=5m | 43833200 |
| | Hose PU12-63 L=10m | 43833001 |
| | Hose PU12-63 L=20m | 43833100 |

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Accessories

| | Accessory | Item no |
|---|---|---|
| | Hose PU12-76 L=10m | 43834200 |
| | Hose PU12-76 L=20m | 43834300 |
| | Suct equip compl d51/500 | 42932100 |
| | Suct equip compl d51/400 | 42932800 |
| | Suct equip compl d51/400 | 42932300 |
| | Floor suct head d51/500 | 43840150 |
| | Floor suct headd51/400/65 | 43840250 |
| | Brush suct head d51/400 | 43840550 |
| | Hand suct h stiff brushd51 | 43860001 |
| | Hand suct head pp d51 | 43861001 |
| | Conical nozzle d51 | 43862001 |
| | Suct pipe bend d51 antist | 43842150 |
| | Suction pipe d51 PEHD-el 1m | 43842001 |

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Accessories

| | Accessory | Item no |
|---|---|---|
| | Gulper head d51 w/handle | 43850150 |
| | Gulper head d51 | 43850001 |
| | Scraping tool d51 l1000 | 43851150 |
| | Scraping tool d51 l500 | 43851050 |
| | Nozzle swarf D=50mm | 40150030 |
| | Floor suct head d63/500 | 43840400 |
| | Gulper head d63 | 43850050 |
| | Gulper head d63 hatch | 43850051 |
| | Gulper head d63 w/handle | 43850200 |
| | Scraping tool d63 l1000 | 43851200 |
| | Suct pipe bend alum d63 | 43843050 |
| | Swivel steel d63 | 43843100 |
| | Suction pipe alum d63 | 43843001 |

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Accessories

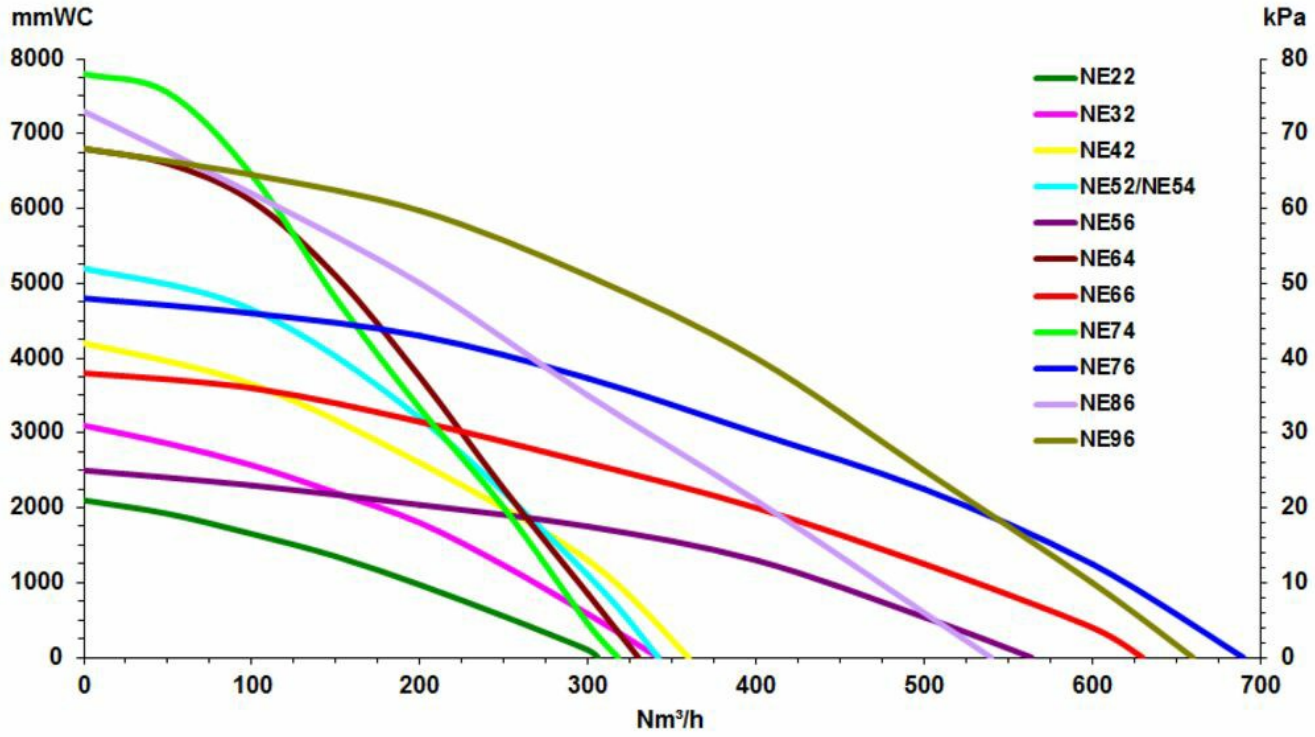
| | Accessory | Item no |
|---|---|---|
| | Scraping tool d63 l500 | 43851100 |
| | Gulper head d76 | 43850100 |
| | Gulper head d76 w/handle | 43850250 |
| | Scraping tool d76 l1000 | 43851250 |
| | Hose red conical d76-63 | 43880350 |
| | Red conical d76-51, including flap valve 43885001 | 43880300 |
| | Hose red conical d63-51 | 43880250 |
| | Hose connector d63 | 43880100 |
| | Hose connector d50 | 43880050 |
| | BLI EX - Bin Level Indicator - ATEX | 40375269 |
| | Joint sleeve d75-89/d53-63mm | 43884464 |
| | Joint sleeve d65-75 | 43884463 |
| | Joint sleeve d98-114/d70-88 | 43884462 |

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Accessories

| | Accessory | Item no |
|---|---|---|
| | Hose connect conical d76 | 43880150 |
| | Floor suct head d63/600 | 43840450 |

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

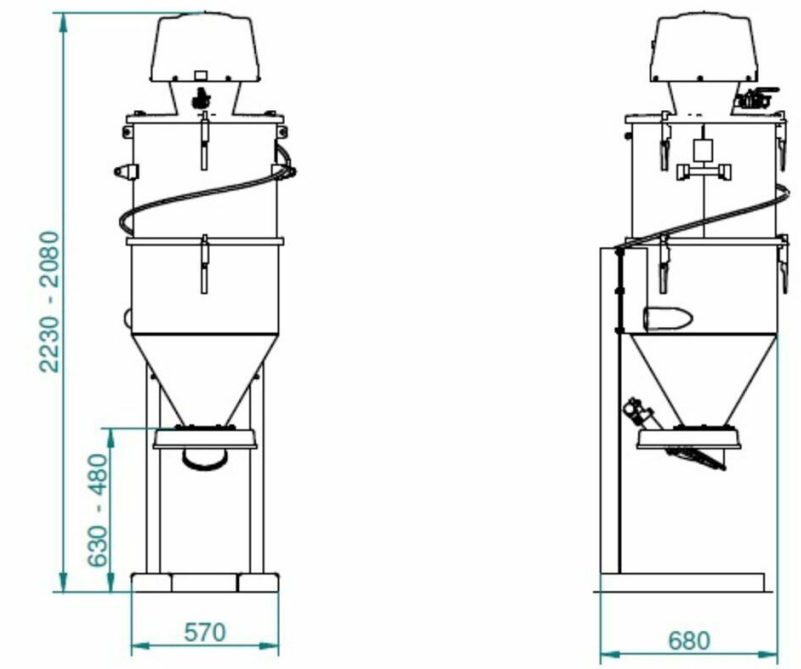



Air Powered ejectors All performance data are based on 7 bar supply pressure

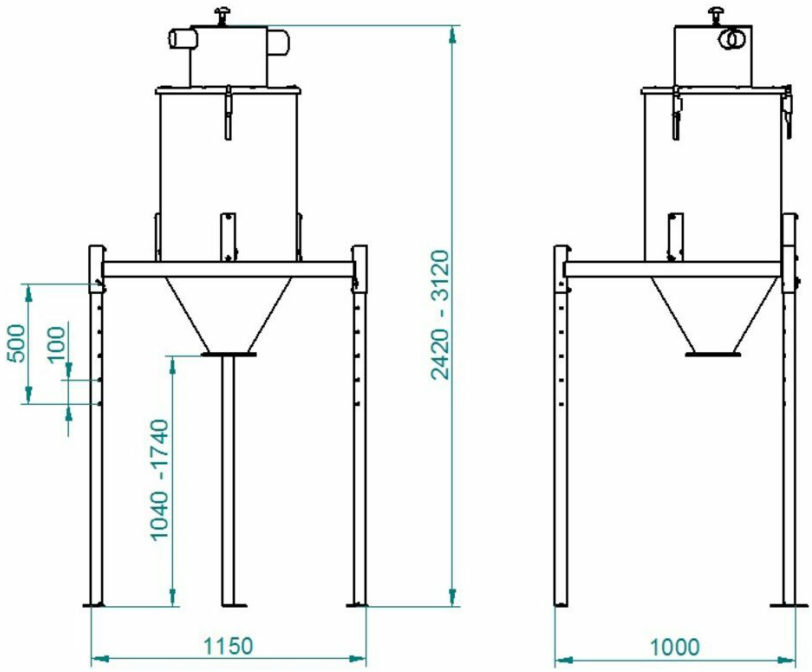
| Ejector/Hose dimension | ø51mm | ø63mm | ø76mm |
|---|---|---|---|
| NE64 | 2 | 2,4 | N/A |
| NE74 | 2,3 | 2,7 | N/A |
| NE76 | 1,7 | 2,7 | 3,6 |
| NE96 | 2,6 | 3,6 | 4,9 |

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

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB




Dimensions - Filter part




Dimensions pre-separation part

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB