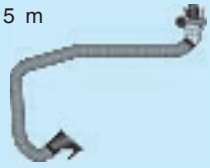
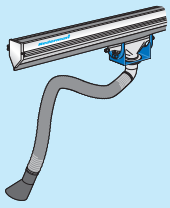
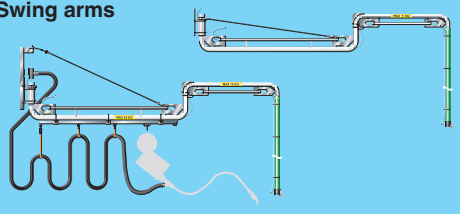
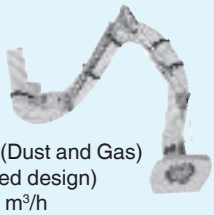
Nederman Extraction Solutions in Industrial Applications

The table gives a brief overview of the Nederman products and systems. When designing a system it is important to take into account all the parameters i.e. type of contaminants, number of extraction points, work space area, air flow, air volumes and temperature of the extracted air at the inlet. Other parameters to consider are required filtration efficiency, possible recirculation of air and potential safety hazards etc. On the following pages you find detailed information.

		Extraction Arms to be combined with fans or central filter/fan systems				Fans
		Light to medium duty applications	Medium to heavy duty applications	Special applications	Extended working area	
LOW VACUUM	Non-explosive applications	**Telescopic** 600 – 1000 m³/h 0,9 – 1,6 m  **Standard** 600 – 900 m³/h 2 – 3 m  **Original** 700 – 1000 m³/h 2 – 5 m 	 **NEX MD** 900 – 1300 m³/h 2 – 5 m  **NEX HD** 1000 – 1900 m³/h 2 – 5 m	**Bodywork arm** 700 - 1000 m³/h 5 m  **Windscreen Arm** (for car windscreen adhesive extraction Max 800 m³/h 4 m 	**Extension arm** Max length: 4,2 m  **Rail System** Length up to 50 m 	**N fans** 500 – 4000 m³/h  **NCF fans** 1600 – 17000 m³/h 
HIGH VACUUM	Non-explosive applications	**Swing arms** 		**Extraction nozzles** 		
HIGH/LOW VACUUM	Explosive and/or hygienic applications	**NEX D** EX II 3D 900 – 1700 m³/h 2 – 5 m 	**NEX DX** EX II 2D (Dust) 900 – 1700 m³/h 2 – 5 m 	**NEX S** EX II 2D/G (Dust and Gas) (Acid proofed design) 700 – 1700 m³/h 2 – 4 m 		**NCF EX fans** 1500 – 16000 m³/h 
OIL MIST						

	Type of contaminant	Vacuum kPa	Airflow m³/h per extraction point	Particle velocity m/s
Low vacuum	Airborne particles	1 – 3	up to 1900 m³/h	up to 25
Mid vacuum	Airborne particles and light waste	6 – 12	200 – 600 m³/h	15 – 20
High vacuum	Airborne particles and solid waste	15 – 50	80 – 400 m³/h	20 – 90

Filters

FilterBox

WallCart

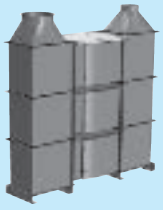
MFS Modular Filters

Central/fixed units

FilterMax C25
1500 – 3000 m³/h

FilterMax F
1500 – 10000 m³/h

FilterMax DF
2200 – 13000 m³/h



FilterMax SFC
(Safety recirc. filter)
2000 – 4000 m³/h

Midvac
(Medium vacuum)
1000 – 2600m³/h

L-PAK
150 – 400 m³/h

E-PAK
150 – 860 m³/h

FlexPAK
800 – 1300 m³/h

C-PAK
1500 – 2500 m³/h

FlexFilter
Modular filters
1600 m³/h

VAC Systems
1500 – 5000 m³/h

RBU-systems
1300 – 3200 m³/h

FilterMax DX
(Low vacuum)
with safety devices
for explosive
applications
3600 – 7200 m³/h

FlexFilter EX
(High vacuum)
with safety devices
for explosive
applications
2200 – 5000 m³/h
Modular filters
1600 m³/h

NOM Oil mist filter and fan units
400 – 2800 m³/h
0,37 – 2,2 kW

Portable and Mobile units

FE 840/841
Fume extractor

FilterBox

FilterCart/ FilterCart Carbon
for odour solvents

P-series cleaning equipment
for dry dust

NIC-series cleaning equipment
for dry dust and water

P 221 EX