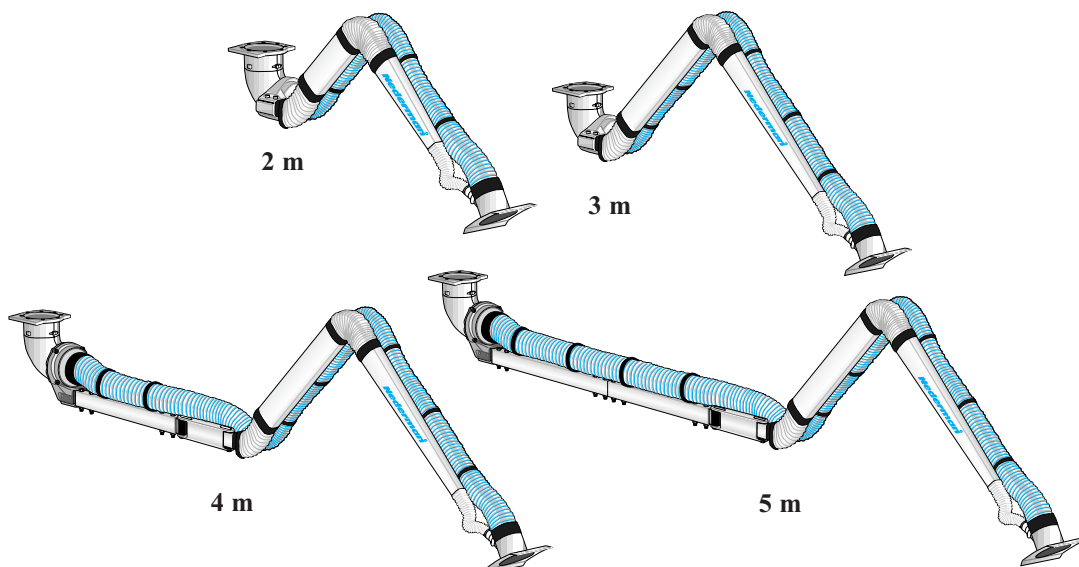


NEDERMAN NEX D/DX



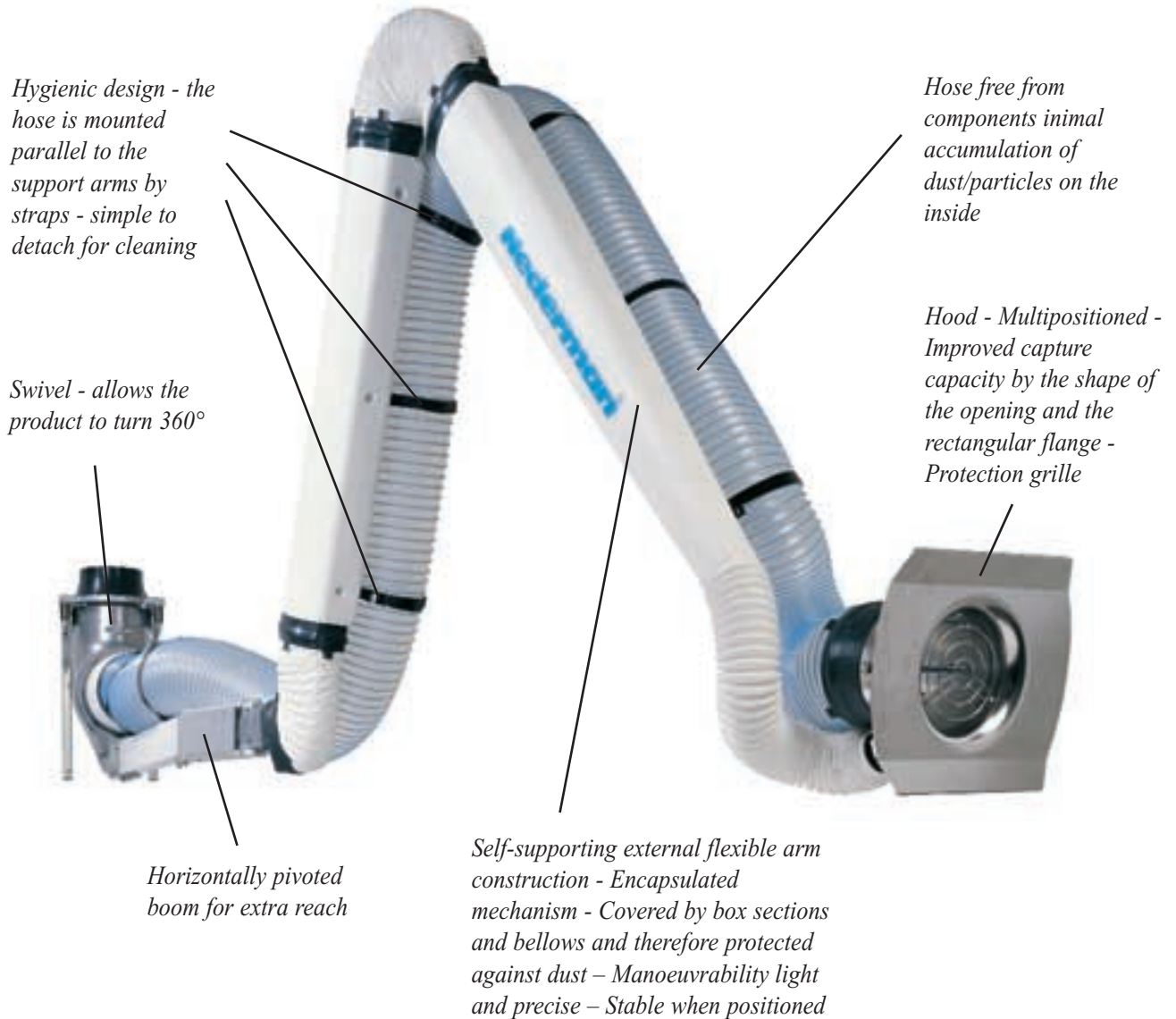
The **NEX D** and **NEX DX** are easy to use extraction arms made for dust applications in explosive environments and in applications with high hygienic demands.



Improving your workspace

The Nederman NEX D/DX

- a new generation of capture at source extractors



Appearance

With concealed joints and a separate easy to mount hose, the **NEX D/DX** is specially designed for working environments with large amounts of dust where an easy-to-use at source extraction with high suction capacity, mobility and simple maintenance is required.

Explosive environments

The **NEX D** and **DX** arms are designed to be used in environments that contains explosive dust.

Hygiene

Enclosed support arm, separate hose, and a stainless steel hood means the **NEX** arm requires little maintenance and is easy to clean. It is the ideal for industries where hygiene is a top priority in their production. The design minimises dust collection on the inside of the hose and the enclosed support arm simplifies cleaning and prevents dust from penetrating the friction hinges. The hose is easy to dismantle for cleaning or changing.

Segments

Pharmaceutical
Food process industry
Technical chemical industry

Applications

For use when controlling, measuring, weighing, filling, blending, mixing, emptying, packaging, etc.

TECHNICAL INFORMATION

Recommended airflow and air velocity in dust applications: 1100-1800 m³/h, 15-25 m/s.

The products are available with or without damper in the hood.

The maximum temperature of the extracted air is 70°C.

All parts are possible to clean in liquids with temperatures up to 70 °C and are resistant to most common detergents. The arm system is conductive through the joints. <10⁶ ohm.

Material

Parallelogram:	Aluminium
Springs:	Phosphated steel
Plastic covers:	Polypropylene
Bellows over joints:	Steel helix PVC on polyester fabric

Bellow over ball joint:	Polypropylene
Ball joint:	Aluminium and galvanised steel
Extension booms:	Powder painted steel
Joints (extension boom):	Aluminium
Swivel:	Aluminium
Bolts, nuts, washers:	Galvanised steel
Hood:	Stainless steel, ASTM 304, EN 1.4301
Friction discs:	POM (Acetal)
Hose straps:	PVC and PA (Nylon)
Hose D:	Steel helix PVC, made of FDA approved material
Hose DX:	Steel helix Antistatic Polyurethane
Hose sleeves:	EPDM
Parts resistant to common detergents for cleaning	

NEX D

The NEX D is equipped with an earthed ventilation hose made of FDA approved ingredients. The arm is EX approved for zone 22, dust, in accordance with the ATEX directive 94/9EC, Group II, Equipment category 3.

Marking: EX II 3 D

Model	Part No.	With damper in the hood Part No.
NEX D 2m	10500232	10501232
NEX D 3m	10500332	10501332
NEX D 4m	10500432	10501432
NEX D 5m	10500532	10501532

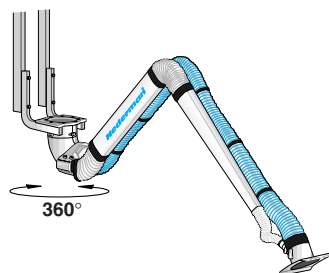
NEX DX

The NEX DX has a double-earthed system. Antistatic earthed ventilation hose that prevents static electricity and sparks. This makes the arm EX approved for zone 21, dust, in accordance with the ATEX directive 94/9EC, Group II, Equipment category 2.

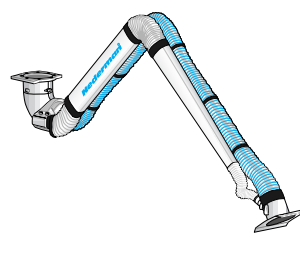
Marking: EX II 2 D

Model	Part No	With damper in the hood Part No
NEX DX 2m	10502232	10503232
NEX DX 3m	10502332	10503332
NEX DX 4m	10502432	10503432
NEX DX 5m	10502532	10503532

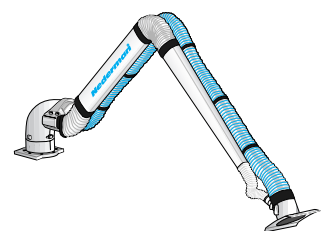
INSTALLATION EXAMPLES



NEX 3 m, mounted on a wall bracket hanging on a consol to facilitate a 360° swivel.

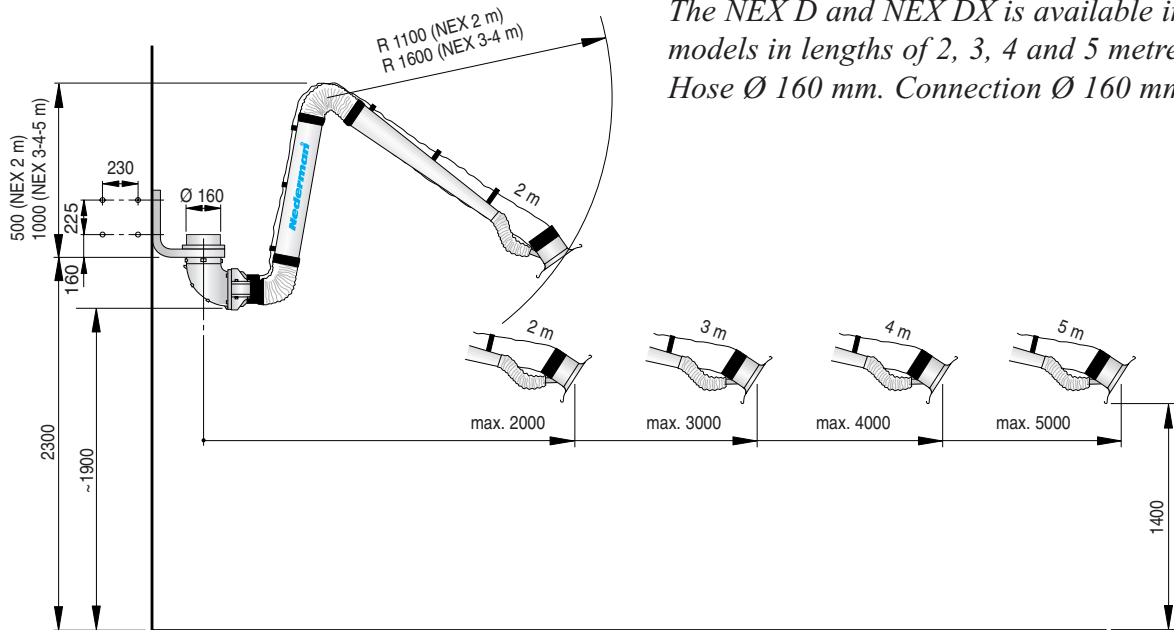


NEX 3 m, mounted for duct connection upwards.



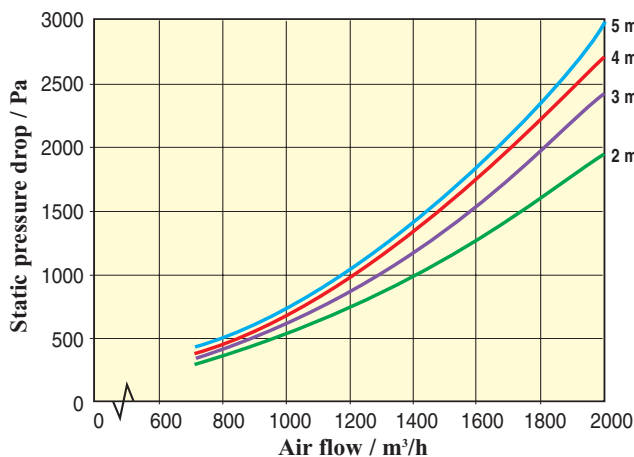
NEX 3 m, mounted for duct connection downwards.

DIMENSIONS



The NEX D and NEX DX is available in four models in lengths of 2, 3, 4 and 5 metres. Hose Ø 160 mm. Connection Ø 160 mm.

PRESSURE DROP

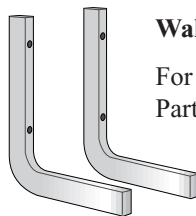


ENVIRONMENTAL DATA

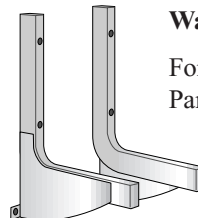
Model	Weight (kg)	Recovery rate (weight -%)	Sound level at hood at 700 m³/h (dB(A))*	Sound level at hood at 2000 m³/h (dB(A))*
NEX 2m	17	82	56	81
NEX 3m	21	81	55	80
NEX 4m	28	83	54	77
NEX 5m	32	82	54	77

* Depending on position of extraction arm. Measured in accordance with ISO 11201

ACCESSORIES



Wall bracket
For 2-3-metre arm
Part No. 10372215



Wall bracket
For 4-5-metre arm
Part No. 10372722

Nederman[®]
Improving your workspace

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Certificated to ISO 9001 and ISO 14001

The majority of Nederman's products are manufactured within ISO 9001 and ISO 14001-certified Quality- and Environmental system. For more detailed information please contact us.