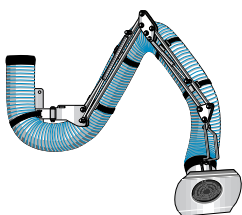


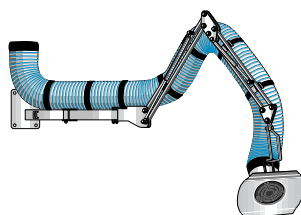
NEDERMAN NEX S



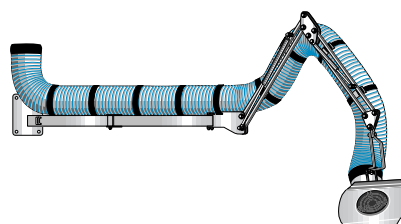
The **NEX S** is an easy to use extraction arm made for dust and gas applications in explosive environments and in applications with high hygienic demands.



NEX S, 2 m
Part No. 10520232, Ø125
Part No. 10521232, Ø160



NEX S, 3 m
Part No. 10520332, Ø125
Part No. 10521332, Ø160

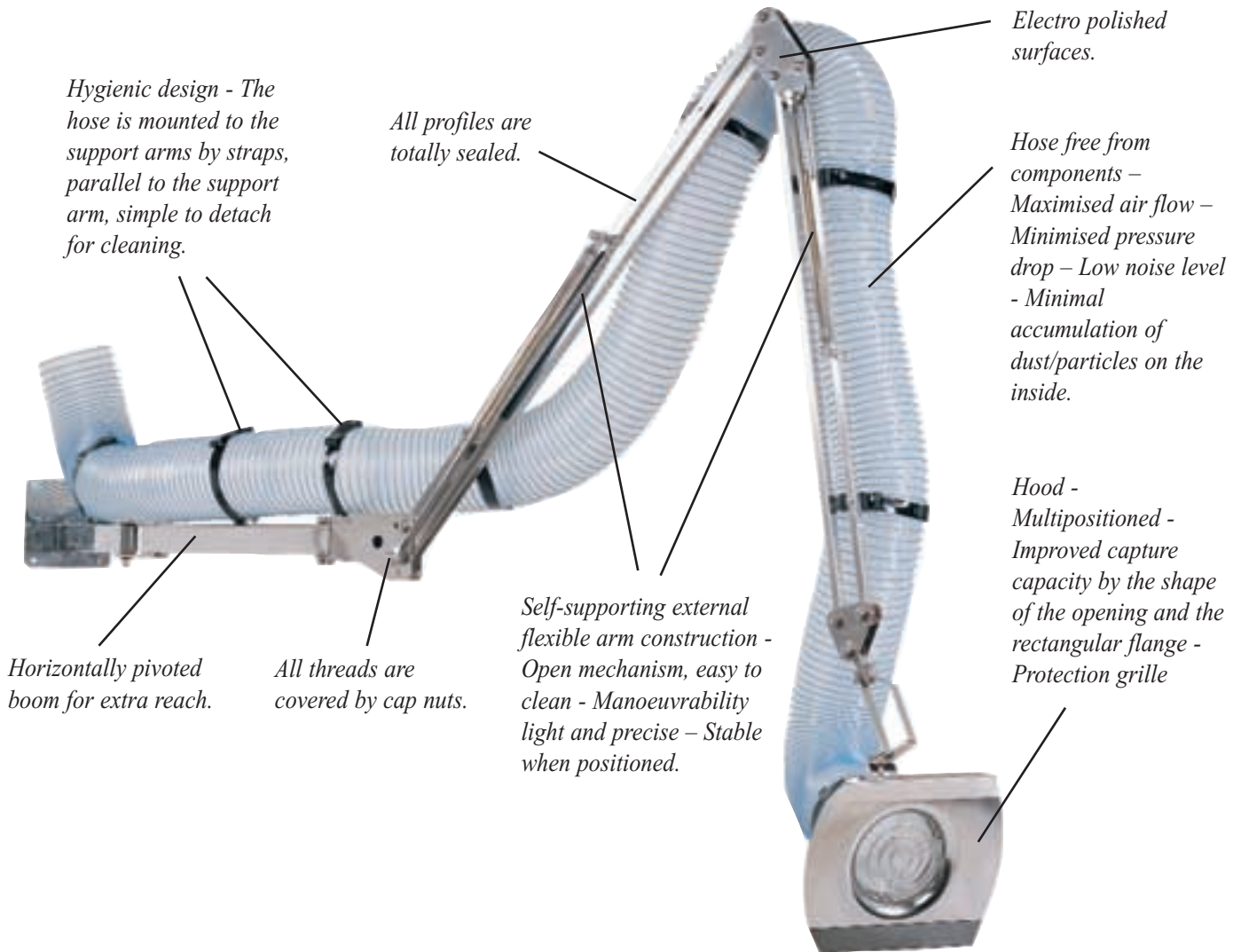


NEX S, 4 m
Part No. 10520432, Ø125
Part No. 10521432, Ø160

Improving your workspace

The Nederman NEX S

-a new generation of hygienic capture at source extractors



Appearance

With a totally open parallelogram and a separate easy to mount hose, the NEX S is specially designed for working environments with large amounts of dust where easy-to-use at source extraction with high suction capacity, mobility and simple maintenance is required. It is the ideal for industries where hygiene is a top priority in their production.

Hygiene

Open support arm system and hood made of acid proofed polished stainless steel and a separate hose means the NEX S arm requires little maintenance and is easy to clean. The design minimises dust collection on the inside of the hose. The hose is also easy to dismantle for cleaning or changing.

Explosive environments

The NEX S arm is designed to be used in environments that contain explosive dust and gas.

The NEX S has a double-earthed system. Antistatic earthed ventilation hose that prevents static electricity and sparks. This makes the arm EX approved for zone 21/1, dust and gas, in accordance with the ATEX directive 94/9EC, Group II, Equipment category 2.
Marking: EX II 2 D/G

It is important that the hose and the arm system is earthed to the duct system after installation.

TECHNICAL INFORMATION

Airflow and air velocity in dust applications:
Diameter 125 mm: 700-1100 m³/h, 15-25 m/s.
Diameter 160 mm: 1100-1800 m³/h, 15-25 m/s.

The product has no damper in the hood, due to hygienic reasons.

The maximum temperature of extracted air is 80°C.

Material

Arm system:	Stainless steel, acid proof, ASTM 316L
Hood:	Stainless steel, acid proof, ASTM 316L
Gas springs:	Stainless steel, acid proof, ASTM 316L
Hose straps:	PVC and PA (Nylon)
Hose sleeves:	EPDM
Hose:	Antistatic Polyurethane and steel helix
Bolts, cap nuts, washers:	Stainless steel, acid proof, ASTM 316L
Friction discs:	PA 6.6 (Nylon)
ASTM 316L	= EN 1.4404

All parts are resistant to common detergents for cleaning.

Segments

Pharmaceutical

Food process industry

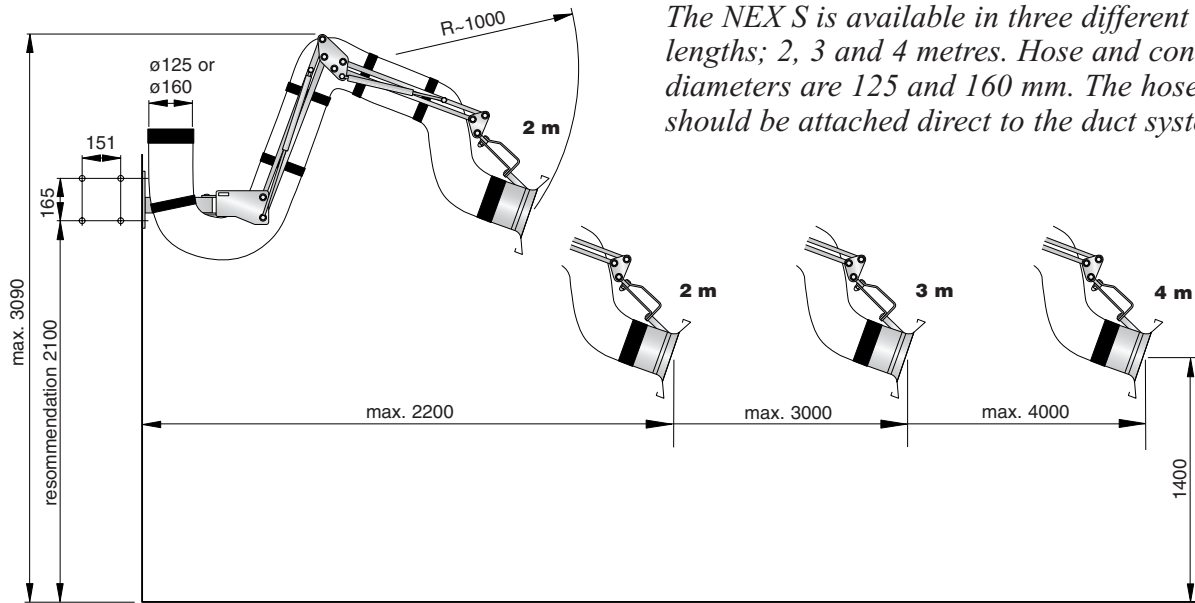
Technical chemical industry

Applications

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

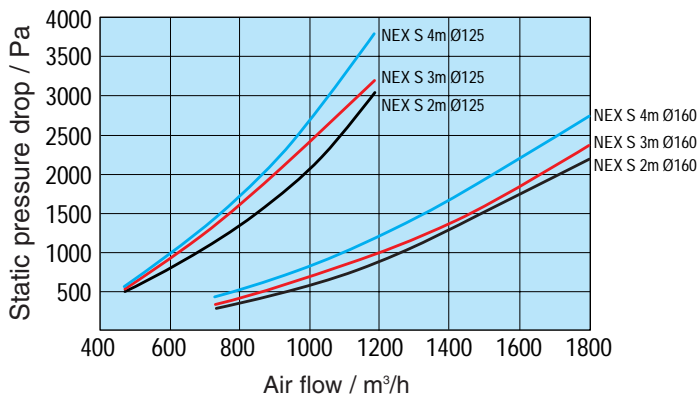


DIMENSIONS



The NEX S is available in three different lengths; 2, 3 and 4 metres. Hose and connection diameters are 125 and 160 mm. The hose should be attached direct to the duct system.

PRESSURE DROP



ENVIRONMENTAL DATA

Model	Weight (kg)	Recovery rate (weight -%)	Sound level at hood at		
			750 m³/h (dB(A))*	1400 m³/h (dB(A))*	
NEX S, 2m	Ø125	13	79%	65	-
	Ø160	14	79%	-	71
NEX S, 3m	Ø125	19	80%	65	-
	Ø160	20	80%	-	68
NEX S, 4m	Ø125	22	80%	66	-
	Ø160	24	80%	-	70

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

Nederman[®]
Improving your workspace

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Fax: Int. +46 42 14 79 71
E-mail: support@nederman.se

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.