

Product leaflet

# ALU 150/250

An advanced exhaust extraction system for vehicles in motion



#### ALU 150/250

- High quality components
- Two standard rail sizes
- Complete program of accessories for extraction units
- Large airflow

ALU 150/250 is an advanced exhaust rail system for high frequency use, developed to meet the requirements from e.g. vehicle manufacturers and inspection centers. The ALU 150/250 offers a large number of features, such as automatic disconnection of nozzle that make nozzle connection the only manual task. NB! When using a straight rail solution combined with a vehicle in motion, a hydraulic limit stop (accessory) must be mounted at the end of the rail system. For lengths > 50 m, please contact your Nederman dealer.

## ALU 150/250

Certifications	CE
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### Models

ltem no	Type of hose	Diameter, hose (mm)	Hose length (m)
20900510 <sup>[1]</sup>			
20900610 <sup>[2]</sup>			
20900710 <sup>[3]</sup>			
20900810 <sup>[4]</sup>			
20900910 <sup>[5]</sup>			
20901010 <sup>[6]</sup>			
20901110 <sup>[7]</sup>			
20901210 <sup>[8]</sup>			
20901310 <sup>[9]</sup>			
20901410 <sup>[10]</sup>			
20901510 <sup>[11]</sup>			
20901610 <sup>[12]</sup>			
20901710 <sup>[13]</sup>			

2025-12-09 4/10

## Models

Item no	Type of hose	Diameter, hose (mm)	Hose length (m)
20901810 <sup>[14]</sup>			
20901910 <sup>[15]</sup>			
20902010 <sup>[16]</sup>			
20950010 <sup>[17]</sup>			
20950110 <sup>[18]</sup>			
20950210 <sup>[19]</sup>			
20950310 <sup>[20]</sup>			
20950410 <sup>[21]</sup>			
20950510 <sup>[22]</sup>			
20950610 <sup>[23]</sup>			
20950710 <sup>[24]</sup>			
20950810 <sup>[25]</sup>			
20950910 <sup>[26]</sup>			

2025-12-09 5/10

#### Models

	Item no	Type of hose	Diameter, hose (mm)	Hose length (m)
	20951010 <sup>[27]</sup>			
	20951110 <sup>[28]</sup>			
	20951210 <sup>[29]</sup>			
	20951310 <sup>[30]</sup>			
	20951410 <sup>[31</sup> ]			
	20951510 <sup>[32]</sup>			
ð	20900310 <sup>[33]</sup>	NR-CP	100	5
Q	20900410 <sup>[33]</sup>	NR-CP	150	5
Q	20902610 <sup>[33</sup> ]	NR-CP	150	7,5
Ĩ	20902710 <sup>[33]</sup>	NR-CP	150	7,5

[1] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 2 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 2,5m, fasteners for rail assembly.

[19] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 3 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 7,5m, kit connections and fasteners for rail assembly.

[20] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 3 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 10m, kit connections and fasteners for rail assembly. [21] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 4 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 12,5m, kit connections and fasteners for rail assembly. [22] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 4 pcs., Iid 2 pcs., end stop 2 pcs., rubber moulding 15m, kit connections and fasteners for rail assembly. [23] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 5 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 17,5m, kit connections and fasteners for rail assembly. [24] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 5 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 20m, kit connections and fasteners for rail assembly. [25] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 6 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 22,5m, kit connections and fasteners for rail assembly.

[26] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 6 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 25m, kit connections and fasteners for rail assembly. [27] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 7 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 27,5m, kit connections and fasteners for rail assembly. 1203 Straignt exhaust rail ALU 250 incl. suspension brackets. Ceiling Support / pcs., lia 2 pcs., ena stop 2 pcs., rubber moulaing 30m, kit connections and tasteners for rail assembly.

Traight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 7 pcs., ind 2 pcs., end stop 2 pcs., rubber moulding 35m, kit connections and fasteners for rail assembly.

[30] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 10 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 45m, kit connections and fasteners for rail assembly.

[31] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 10 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 40m, kit connections and fasteners for rail assembly.

[32] Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 10 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 45m, kit connections and fasteners for rail assembly. [33] Delivered with trolley, balancer, exhaust hose and nozzle.

<sup>[2]</sup> Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 2 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 5m, fasteners for rail assembly.

[3] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 3 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 7,5m, kit connections and fasteners for rail assembly.

<sup>[4]</sup> Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 3 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 10m, kit connections and fasteners for rail assembly. [5] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 4 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 12,5m, kit connections and fasteners for rail assembly. [6] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 4 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 15m, kit connections and fasteners for rail assembly. [7] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 5 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 17,5m, kit connections and fasteners for rail assembly. [8] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 5 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 20m, kit connections and fasteners for rail assembly. [9] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 6 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 22,5m, kit connections and fasteners for rail assembly [10] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 6 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 25m, kit connections and fasteners for rail assembly. [11] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 7 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 27,5m, kit connections and fasteners for rail assembly. [12] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 7 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 30m, kit connections and fasteners for rail assembly. [13] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 8 pcs., ind 2 pcs., end stop 2 pcs., rubber moulding 35m, kit connections and fasteners for rail assembly.

[14] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 9 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 35m, kit connections and fasteners for rail assembly. [15] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 10 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 45m, kit connections and fasteners for rail assembly.

[16] Straight exhaust rail ALU 150 incl. suspension brackets. Ceiling Support 10 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 45m, kit connections and fasteners for rail assembly. <sup>127</sup> Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 2 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 2,5m, fasteners for rail assembly.

<sup>188</sup> Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 2 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 2,5m, fasteners for rail assembly.

<sup>189</sup> Straight exhaust rail ALU 250 incl. suspension brackets. Ceiling Support 2 pcs., lid 2 pcs., end stop 2 pcs., rubber moulding 5m, fasteners for rail assembly.

Nederman

#### ALU 150/250

### Accessories

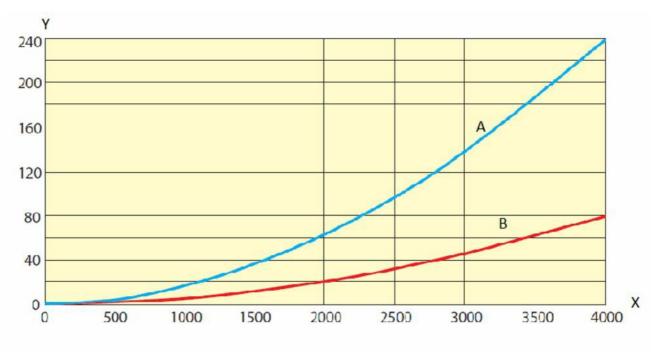
	Accessory	Item no
77	Disconnection rail ALU 150/250	20940810
	Hydraulic limit stop for ALU150/250	20941410
	Adapter support bracket 5 pcs. ALU150	20940110
	Wall bracket 600mm	20947510
	Internal support for ALU150/250 10 pcs.	20941110
	Rail stiffner	20373942
更	Exhaust trolley Maxi, ALU250	20940310
要	Exhaust trolley for fume extractor, ALU150/250	20940210
**	Holder for balancer std trolley	20941310
	Support for balancer MAXI	20941210
明	Extraction Trolley, ALU150/ 250, Std ø150	20943210
更	Extraction trolley, ALU150/250, ø150 std with damper	20943410
	Extraction trolley Reel on rail	20948610

2025-12-09 7/10

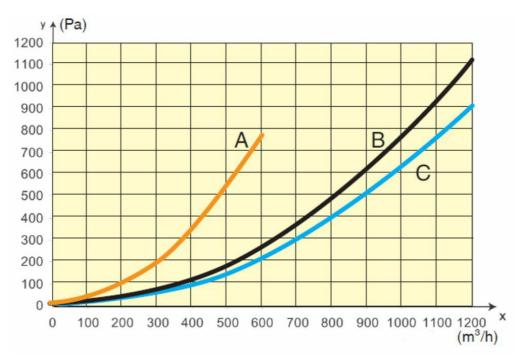
#### Accessories

	Accessory	Item no
	End connection ALU150 with hose	20816264
	Extractor side ALU 250 Ø250 with hose	20377374
	Kit connection ALU 250	20377371
	Extractor top side Ø250 with hose	20377373
2	Extractor top Ø250 W/hose	20377372
	Kit connection ALU150	20373413
مشيب	Ceiling Support bracket 5pcs, ALU250	20377370

2025-12-09 8/10

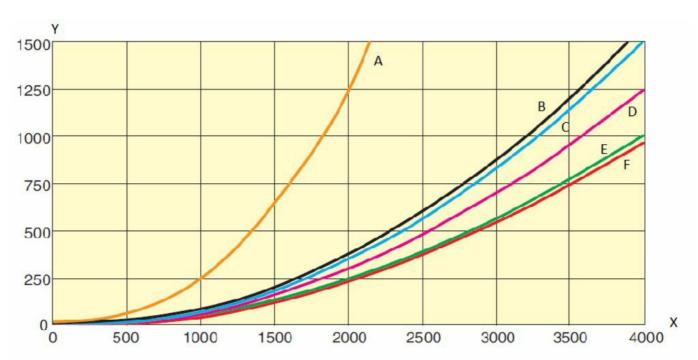


Y= Pressure drop (Pa), X= air flow (m3/h) A = ALU Ø150 mm B = ALU Ø250 mm



Pressure drop extraction units with A= hose Ø 100 mm, 5 m B= hose Ø 150 mm, 7.5 m C= hose Ø 150 mm, 5 m

2025-12-09 9/10



Y= Pressure drop (Pa), X= air flow (m3/h) A = Trolley fume extractor arm B = Top Outlet - side  $\emptyset$ 250 C = Maxi Trolley  $\emptyset$ 200 without hose D = Rail end outlet ALU 250 /  $\emptyset$ 250 E = Top outlet  $\emptyset$ 250 F = Rail end outlet ALU 150 /  $\emptyset$ 250

2025-12-09 10/10