

MagnaRail Green

High quality low maintenance exhaust removal system.



MagnaRail Green is a high capacity system designed to handle high operation requirements. Up to two vehicles can be attached to the same rail for a drive through or back in application for vehicles with low level tail pipes. The suction rail is formed in a configuration such that the extrusion serves not only as an exhaust duct, but also as the guide rail that the extraction trolley travels in. The rail is available up to 99 ft.

The fan/duct work can be connected to the rail via either an end outlet or one/several top outlets depending on the length of the rail.

6" diameter hose - The system uses a 6" diameter hose providing up to 800 cfm, the most of any system on the market.

8" Nozzle - The 8" diameter nozzle provides greater ambient air intake providing cooling air which extends system life.

Anchor Plate - The Nederman system attaches to an anchor plate mounted on the vehicle body and uses that for the pulling force of the system, not the exhaust pipe which was never designed to be pulled on by systems that attach to the exhaust pipe.

Specialty Nozzles - Nederman designs special nozzles to work with and fit the newer EPA 07 tailpipes. We do not need to change the tip of the exhaust pipe to work with the Green system which could void the manufacturer's warranty.

Auto Start System - With the Nederman Auto Start System, the exhaust fan is activated prior to the start of the vehicle's engine ensuring 100% capture of exhaust. Other styles of starting systems are unreliable and prone to failure.

- Reliability - Uses the same proven technology as the time proven Magna Series, only the magnet and release are different.
- Assisted Release - The system offers an assisted release from the vehicle and does not just pull of the truck through sheer force but also provides a lifting action providing a smoother safer release with less recoil and swing back than competitive systems.

Product name	MagnaRail Green
Diameter, hose (mm)	160
Note	Including - Aluminum track (1), Mounting brackets for 2.4 m distance (2), Rubber stop (3), Sliding block (4), Balancer (5), Swivel (6), Hose connector, Exhaust hose (7), Low level nozzle, length - 0,6 m, diameter - 130 mm (8), Electro-magnet assembly (9), Anchor plate (10)

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Description	Hose length (m)	Model
MagnaRail Green Extraction unit	3	20817064*
MagnaRail Green Extraction unit	4	20816964*

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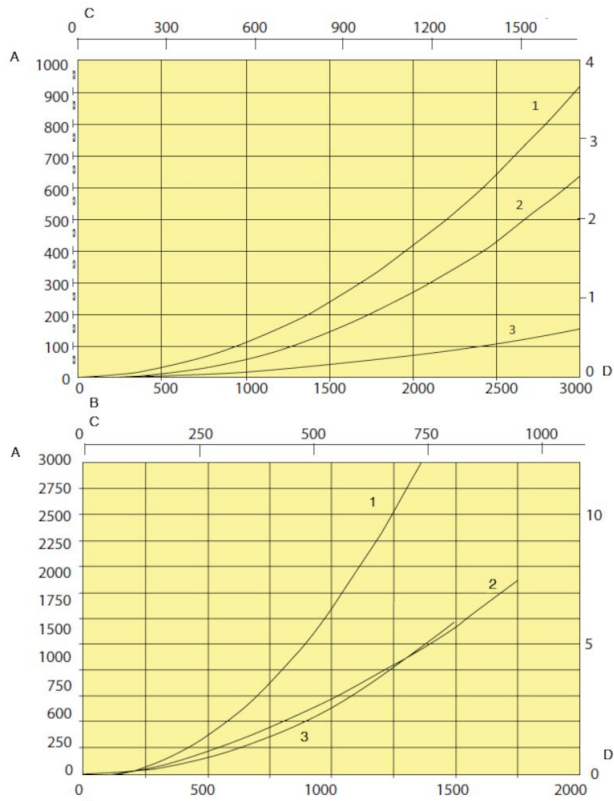
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	Accessory	Part No
	Exhaust rail 920 L= 17.5 m (57')	20916620*
	Exhaust rail 920 L= 7.5 m (25')	20916220*
	Exhaust rail 920 L= 10.0 m (33')	20916320*
	Exhaust rail 920 L= 12.5 m (41')	20916420*
	Exhaust rail 920 L= 15.0 m (50')	20916520*
	Exhaust rail 920 L= 20.0 m (66')	20916720*
	Exhaust rail 920 L= 22.5 m (74')	20916820*
	Exhaust rail 920 L= 25.0 m (82')	20916920*
	Exhaust rail 920 L= 27.5 m (90')	20917020*
	Exhaust rail 920 L= 30.0 m (99')	20917120*
	Magna System Nozzle Standard, Ø160, Low Level	20802164
	Magna System Nozzle Ø160 (5") HB 600 Low Level	20802264
	Magna System Nozzle Ø160 (5") HB 900 Low Level	20802464
	Anchor plate for magnatrack.	20372003
	Top outlet Ø200 for 920	20374246
	Radio transmitter vehicle GHz	20376723
	Radio Receiver GHz	20376724
	Handheld radio transmitter GHz	20376725
	Hose protection ø130/160 (Pair)	20374428
	Twist support, HL nozzle	20374364
	Lengthening shaft, HL nozzle	20374359

*Complete with suspension parts, joint connectors, rubber seals, end covers and end stops.

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A: Pressure drop, Pa
 B: Airflow, m³/h
 C: Airflow cfm D: Pressure drop, in w.g.

Top diagram:

- 1 = Top connection angled, Ø 200 mm
- 2 = End connection
- 3 = Exhaust rail, per metre

Bottom diagram

- 1 = Extraction unit LL, hose 4 m, ø130 mm
- 2 = Extraction unit LL, hose 4 m, ø160 mm
- 3 = Extraction unit HL, hose 2 m, ø160 mm

Airflow recommendations:

- Heavy vehicles: 1000 - 1200 m³/h
- Car / SUV: 400 - 600 m³/h