

Nederman Magna Track Green

Vehicle Exhaust Extraction System

Nederman

Magna Green

Patent Pending



The magnet on the hose attaches to an anchor plate on the vehicle.

Earth Magnet exhaust extraction

Nederman is the world leader in magnetic technology for the vehicle exhaust extraction for fire services.

The Magna Track Green uses a strong permanent magnet made from alloys of rare-earth elements and is designed for use in emergency stations.

The Magna Track Green is designed to be environmentally friendly and is constructed of recyclable material as well as providing energy savings for building solutions.

The exhaust hose is supported from a balancer assembly with trolley, which moves in an aluminum guide track. A mechanical disconnection system assists to release the magnet assembly from the apparatus in a smooth –one step process, eliminating stress on the apparatus' tailpipe and minimizing strain on the exhaust hose and ceiling brackets.

The Magna Green does not use any electrical components. The system is available in lengths from 20 to 40 ft. Nozzles are available for multiple tail pipe configurations for low level exhaust pipes.

Features & Benefits:

- The release system ensures controlled and safe release of the nozzle
- No stress on the vehicle tailpipe and hose assembly
- Open Nozzle design for ambient air
- Virtually no tail pipe modification
- Energy saving for building solutions
- Capture at source is the only effective way to remove emissions
- Capacity: 1 vehicle per system
- For low level tail pipes
- For back-in or drive through

Dimensions and part numbers

Track length / ft	Hose length / ft	Hose Ø inch	Nozzle length / ft	Nozzle Ø inch	Part no
20	15	5"	2	6	20808864
30	20	5"	2	6	20809064
40	25	5"	2	6	20809164

Nederman Magna Track Green

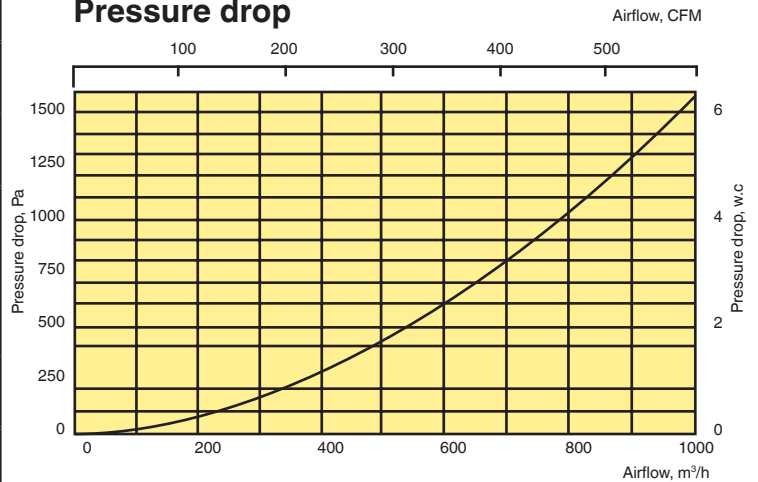
Vehicle Exhaust Extraction System



Technical specification	
Track	
Material	Aluminum
Trolley	
Material	Aluminum/Steel
Balancer	
Lifting force	30 lbs
Length of use	5 ft
Material in cord	Steel wire
Material in shell	Composite
Swivel	
Material	Galvanized sheet metal
Exhaust hose Upper	
Temp. resistance	-40F to + 400F cont.
Material	Rubber with steel helix
Exhaust hose Lower	
Temp. resistance	-40F to + 600F cont.
Material	Clip Hose
Nozzle HB600LL	
Length	23" ± 4"
Material	Rubber with nylon helix
Earth Magnet	
Material	Alloys of rare-earth elements
Anchor plate	
Material	Nedox treated steel
Total weight	
Complete extraction unit (pos. 4, 5, 6, 7, 8, 9, 10)	26.7 lbs
Complete track (pos. 1, 2, 3)	1.5 lbs/ft
Environmental information	
Recycling level	100 %

General accessories	Part no.
Anchor plate standard	20372003
Auto start /stop radio transmitter for vehicle	87000313
Auto start /stop radio receiver	87000314

Pressure drop



Pressure drop valid for 19'.8" and 23' track with 16'4" hose, Ø 5" and HB 600LL nozzle.

Airflow recommendation:

Heavy vehicles: (600 - 800 cfm)

Cars/SUVs: (250 - 500 cfm)

