

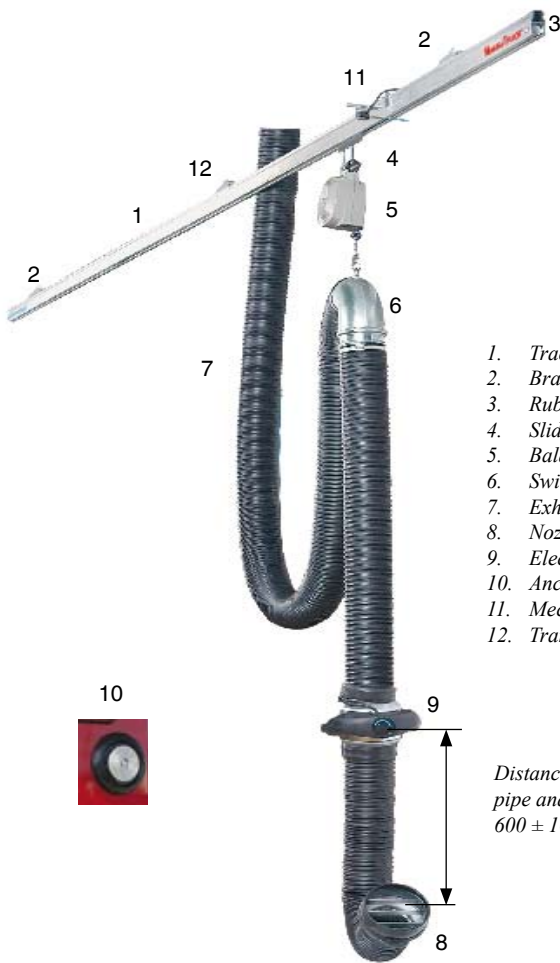
MagnaTrack ST

Exhaust extraction system for emergency stations with fewer runs

MagnaTrack ST is designed for stations with fewer runs. The free-hanging exhaust hose is equipped with a swivel attached to a balancer, which moves on the guide track. A switch on the track separates the entire hose assembly from the vehicle in a one-step process, minimizing stress or strain from the vehicle to the exhaust hose or ceiling brackets.

MagnaTrack ST is available in lengths from 6 to 12 m (20 to 40 ft) and it fits vehicles with low mounted exhaust pipes.

- Capacity: 1 vehicle per system
- Exhaust pipes: low level tail pipes
- Normal exit speed up to 15 km/h - 10 mph
- For reverse-in (or drive-through)



1. Track
2. Bracket
3. Rubber stop
4. Sliding block
5. Balancer
6. Swivel
7. Exhaust hose
8. Nozzle
9. Electro-magnet assembly
10. Anchor plate
11. Mechanical disconnection switch
12. Transformer

Distance between exhaust pipe and anchor plate
 600 ± 100 mm

General Accessories
See other page

Dimensions and part numbers					
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 (8), Electro-magnet assembly (9), Anchor plate (10), Disconnection switch (11), Transformer (12)					
Track length m / ft	Hose length m / ft	Hose Ø mm / inch	Nozzle length m / ft	Nozzle Ø mm / inch	Part no
6 / 19.7	5 / 16.4	125 / 5"	0.6 / 1.9	130 / 5.1"	20807264
7 / 22.9	5 / 16.4	125 / 5"	0.6 / 1.9	130 / 5.1"	20807164
9.5 / 31.1	9 / 31.1	125 / 5"	0.6 / 1.9	130 / 5.1"	20807364
12 / 39.4	11.5 / 37.7	125 / 5"	0.6 / 1.9	130 / 5.1"	20807464

Technical specification

Track

Material Aluminum

Sliding block

Material Polyeten

Balancer

Lifting force 140 N
Length of use 1.5 m
Material in cord Steel wire
Material in shell Composite

Swivel

Material Galvanized sheet metal

Exhaust hose

Temp. resistance -40 to +150°C cont.
Material Rubber with steel helix

Nozzle HB600LL

Length 600 ± 100 mm
Material Rubber with nylon helix

Electro magnet

Voltage 24 V DC
Effect 1.9 VA
Material Nitro carburized treated steel

Anchor plate

Material Nedox treated steel

Transformer

Prim. voltage 100-230 V 1-phase AC
Sec. voltage 26 V DC
Effect 5 VA

IP Class

Internal Protection IP 67

Total weight

Complete extraction unit
(pos. 4, 5, 6, 7, 8, 9, 10) 12.0 kg

Complete track
(pos. 1, 2, 3, 11, 12) 2.2 kg/m

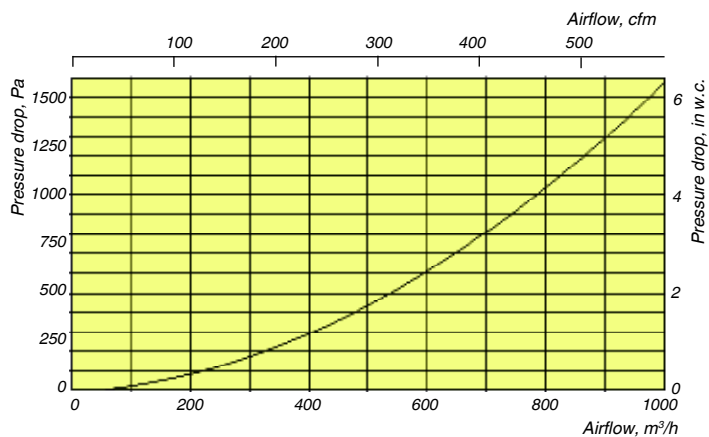
Environmental information

Recycling level 100 %
Energy consumption 4 W per extraction unit

Accessories

General accessories	Part no.
Anchor plate standard	20372003
Auto start /stop radio transmitter for vehicle	20801369
Auto start /stop radio receiver	20802669

Pressure drop

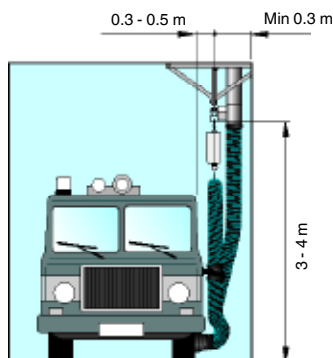
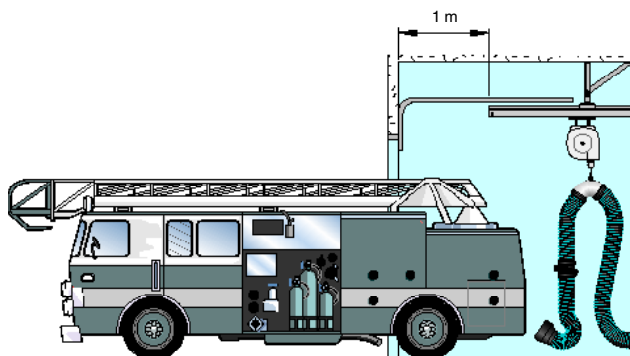


Pressure drop valid for 6 and 7 m track with 5 m hose, Ø 125 mm, and HB 600LL nozzle.

Airflow recommendation:

Heavy vehicles: 1000 - 1200 m³/h
(590 - 705 cfm)
Cars/Suvs: 400 - 600 m³/h
(235 - 355 cfm)

Installation/mounting



Nederman

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