

MagnaTrack S

Exhaust extraction system for emergency stations with normal frequency / exit speed runs

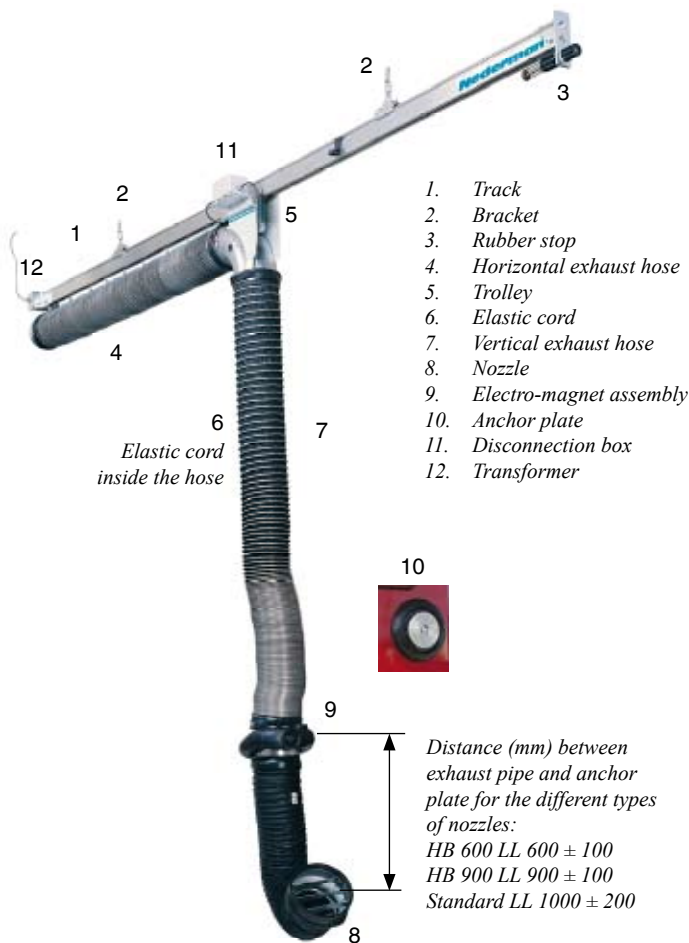


The MagnaTrack S is an economical alternative to MagnaTrack HS designed for a normal frequency of runs and exit speeds. MagnaTrack S has an elastic cord inside the exhaust hose (instead of a balancer) and a rubber stop (instead of a hydraulic trolley stop).

The track system serves one vehicle at a time.

MagnaTrack S is available in lengths from 3.5 m to 18 m; (10 ft. to 60 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)



General Accessories
See other page

MagnaTrack S Exhaust Unit			
Including: Aluminum track (1), Mounting brackets for 2.4 m distance (2), Rubber stop (3), Horizontal hose (4), Extraction trolley (5), Elastic cord (6), Vertical hose (7), Electro-magnet assembly (9), Anchor plate (10), Disconnection box (11) and Transformer (12)			
Track/hose length horizontal, m / ft	Hose Ø vertical, mm / inch	Hose length vertical, m / ft	Part no
5.9 / 19.4	160 / 6.3"	3 / 9.8	20812564
7 / 22.9	160 / 6.3"	3 / 9.8	20812664
9.5 / 31.2	160 / 6.3"	3 / 9.8	20812764
11.8 / 38.7	160 / 6.3"	3 / 9.8	20812864
5.9 / 19.4	160 / 6.3"	4 / 13.1	20812964
7 / 22.9	160 / 6.3"	4 / 13.1	20813064
9.5 / 31.2	160 / 6.3"	4 / 13.1	20813164
11.8 / 38.7	160 / 6.3"	4 / 13.1	20813264

Nozzles for low level (LL) exhaust pipes (8)				
Type	Distance exhaust pipe – anchor plate	Hose Ø mm / inch	Hose length mm inch	Part no
HB 600 LL	Fixed	160 / 6.3"	600 ± 100 23.6 ± 4"	20802264
HB 900 LL	Fixed	160 / 6.3"	900 ± 100 35.4 ± 4"	20802464
Standard LL	Variable	160 / 6.3"	1000 ± 100 39.4 ± 4"	20802164

Technical specification

Track

Material Aluminum

Exhaust hose, horizontal

Compressible, with integrated cables to the electro-magnet assembly
Temp. resistance -35 to +125°C cont., short term: +150°C
Material Neoprene with steel clip

Trolley

Material Aluminum
Wheels High density polyeten

Elastic cord

Lifting force 75 N
Material in cord Rubber

Exhaust hose, vertical

Compressible, with integrated cables to the electro-magnet assembly.
Temp. resistance -40 to +175°C cont., short term: +190°C
Material Hypalon with aluminum clip

Electro magnet

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

Anchor plate

Material Nedox treated steel

Disconnection box

Power indicator
Includes a deactivating electro-magnet

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

Track incl horizontal hose
(Pos 1, 2, 3, 4, 12) 4.0 kg/m

Complete extraction unit incl LL nozzle
(Pos 5, 6, 7, 8, 9, 10, 11) 10-12 kg

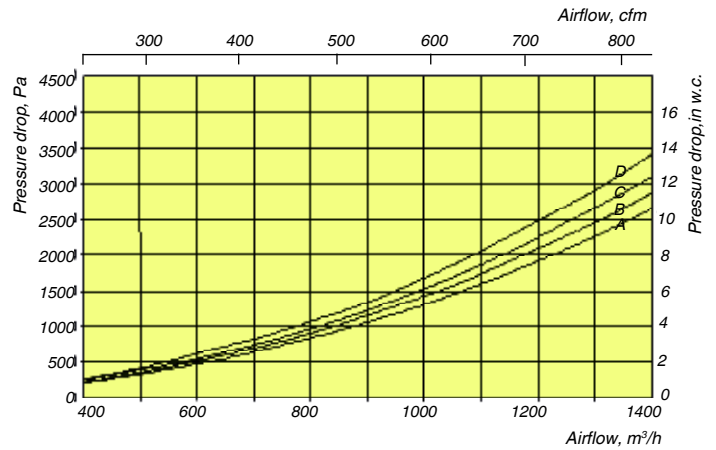
Environmental information

Recycling level 100 %
Energy consumption 4 W per extraction unit

Accessories

General accessories	Part no.
Anchor plate standard	20372003
Anchor plate 2 parts	20371853
Anchor plate 3 parts	20371868
Auto start /stop radio transmitter for vehicle	20801369
Auto start /stop radio receiver	20802669
Hydraulic shock absorber	20374391

Pressure drop



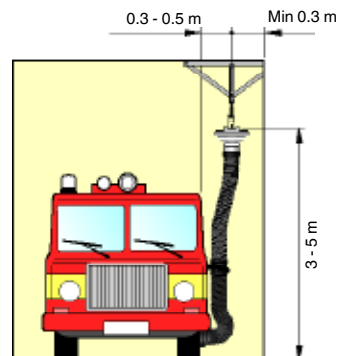
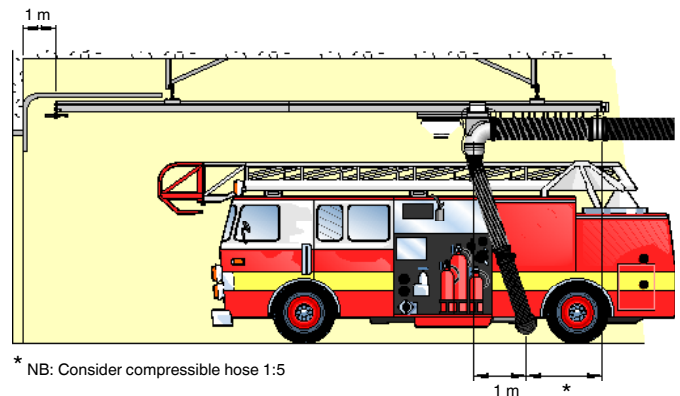
System pressure drop according to track length

Ø 160	Length m / ft
A	5.9 / 19.4
B	7 / 22.9
C	9.5 / 31.2
D	11.8 / 38.7

Airflow recommendation:

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

Installation/mounting



Length of rail, m / ft	No. of brackets
5.9 / 19.4	3
7 / 22.9	4
9.5 / 31.2	4
11.8 / 38.7	5

Nederman

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