

MagnaRail

Exhaust extraction system for emergency stations
with highest operational requirements



MagnaRail

- ✓ High exit speed: up to 25 km/h - 15 mph
- ✓ Exhaust pipes: low level or high level
- ✓ Capacity: up to 4 vehicles at a time
- ✓ For reverse-in or drive-through

MagnaRail is a high capacity system designed to handle highest operational requirements. Up to four vehicles can be attached to the same rail each with a designated disconnection point. For a drivethrough application for vehicles with either high level or 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 in up to 30 m. The fan/duct work can be connected to the rail via either a end outlet or one/several top outlets (depending on length of rail).














Optional automatic start/stop device that offers:

- Practical control of fan start/stop
- Safe control of air quality (source ventilation automatically starts when vehicle engine starts)
- Simple programming
- Approval for radio equipment acc. to EC directives, FCC (USA) and IC (Canada)





MagnaRail

Certifications	CE
----------------	----

Models

	Item no	Weight (kg)	Diameter, hose (mm)	Hose length (m)	Frequency (Hz)	No of phases
	20813864 ^[1]	6,8 kg/m				
	20813964 ^[1]	6,8 kg/m				
	20814064 ^[1]	6,8 kg/m				
	20814164 ^[1]	6,8 kg/m				
	20814264 ^[1]	6,8 kg/m				
	20814364 ^[1]	6,8 kg/m				
	20814464 ^[1]	6,8 kg/m				
	20814564 ^[1]	6,8 kg/m				
	20814664 ^[1]	6,8 kg/m				
	20814764 ^[1]	6,8 kg/m				
	20814864 ^[1]	6,8 kg/m				
	20813364 ^[2]	35	160	4		
	20813464 ^[2]	37	160	3		

Models














	Item no	Weight (kg)	Diameter, hose (mm)	Hose length (m)	Frequency (Hz)	No of phases
	20813564 ^[2]	29	130	4		
	20813664 ^[2]	29	130	3		
	20813764 ^[3]	19	160	2		
	20801144	30			50/60	1

^[1] Includes - Busbar(2), Brackets (3), Trolley stop (4), End connection (5), Transformer (14)

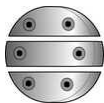



^[2] Includes - Trolley (6), Balancer (7), Shockabsorber (8), Exhaust hose (9), Electro magnet assembly (11), Anchor plate (2), Disconnection box (13)

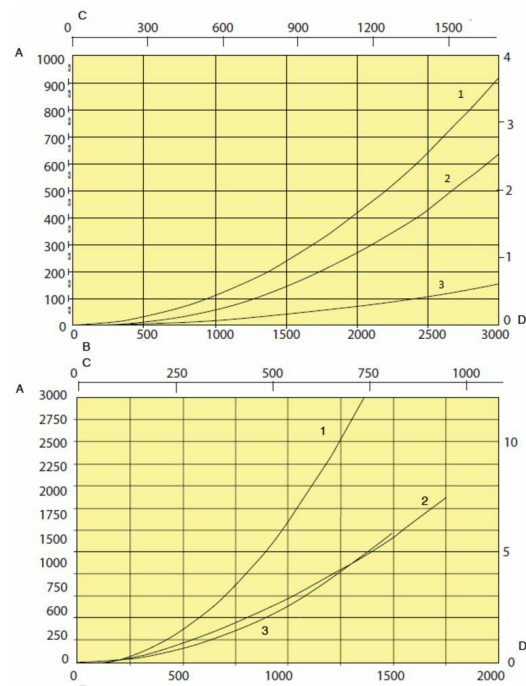
^[3] Includes - Extraction trolley, balancer, disconnection box, vertical hose, electr-magnet assembly, HL nozzle and anchor plate

Accessories

	Accessory	Item no
	MagnaSystem Nozzle STD	20802164
	MagnaSystem Nozzle HB 600	20802364
	MagnaSystem Nozzle HB 600	20802264
	MagnaSystem Nozzle HB 900	20802464
	Twist support, HL nozzle (16)	20374364
	Lengthening shaft, HL nozzle (17)	20374359
	Anchor plate shutter	20371853
	Radio transmitter vehicle GHz	20376723
	Radio Receiver GHz	20376724
	Handheld radio transmitter GHz	20376725
	Top outlet Ø200 for 920	20374246
	Program kit for radio system	20376726
	Hose protection ø130/160 (Pair)	20374428

Accessories

	Accessory	Item no
	Anchor plate, shutter, in 3 parts	20371868
	Transformer compl. 24V/15VA	20374242
	Reduction ø160-ø150	20373760
	Anchor plate for magnatrack.	20372003



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