

## MagnaRail

Exhaust extraction system for emergency stations with highest operational requirements.

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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 an 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)

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- 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


Наименование товара	MagnaRail
Частота (Гц)	50/60
Количество фаз	1



## MagnaRail

[image]	Название листа технических данных	Диаметр, шланг (мм)	Длина шланга (м)	Вес (кг)	[model]
	Exhaust rail L=2,5m (8") MR			6,8 kg/m	20813864*
	Exhaust rail L=5,0m (17") MR			6,8 kg/m	20813964*
	Exhaust rail L=7,5m (24") MR			6,8 kg/m	20814064*
	Exhaust rail L=10,0m (33") MR			6,8 kg/m	20814164*
	Exhaust rail L=12,5m (41") MR			6,8 kg/m	20814264*
	Exhaust rail L=15,0m (49") MR			6,8 kg/m	20814364*
	Exhaust rail L=17,5m (57") MR			6,8 kg/m	20814464*
	Exhaust rail L=20,0m (66") MR			6,8 kg/m	20814564*
	Exhaust rail L=22,5m (74") MR			6,8 kg/m	20814664*
	Exhaust rail L=25,0m (82") MR			6,8 kg/m	20814764*
	Exhaust rail L=27,5m (90") MR			6,8 kg/m	20814864*
	Exhaust rail L=30,0m (99") MR			6,8 kg/m	20814964*
	Extraction unit 4m 6"	160	4	35	20813364**
	Extraction unit 3m 6"	160	3	37	20813464**
	Extraction unit 4m 5"	130	4	29	20813564**

## MagnaRail


[image]	Название листа технических данных	Диаметр, шланг (мм)	Длина шланга (м)	Вес (кг)	[model]
	Extraction unit 3m 5"	130	3	29	20813664**
	Extraction unit 2m 6" (10b) High level exhaust pipes	160	2	19	20813764***
	Trolley return unit 920/1500			30	20801144

\*Includes - Busbar(2), Brackets (3), Trolley stop (4), End connection (5), Transformer (14)

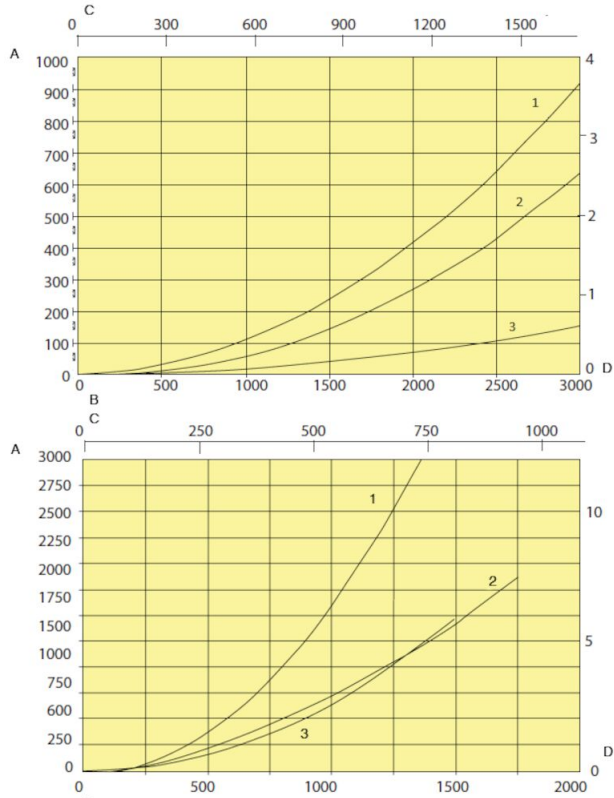
\*\*Includes - Trolley (6), Balancer (7), Shockabsorber (8), Exhaust hose (9), Electro magnet assembly (11), Anchor plate (2), Disconnection box (13)

\*\*\*Includes - Extraction trolley, balancer, disconnection box, vertical hose, electr-magnet assembly, HL nozzle and achor plate

## MagnaRail

	[accessory]	[partno]
	Magna System Nozzle Standard, Ø160, Low Level	20802164
	MagnaSystem Nozzle Ø130 (5") HB 600 Low Level	20802364
	Magna System Nozzle Ø160 (6") HB 600 Low Level	20802264
	Magna System Nozzle Ø160 (6") HB 900 Low Level	20802464
	Поворотная опора, сопло HL	20374364
	Удлинительный вал, сопло HL	20374359
	Затвор анкерной пластины в двух частях	20371853
	Radio transmitter vehicle GHz	20376723
	Radio Receiver GHz	20376724
	Handheld radio transmitter GHz	20376725
	Верхний выпуск Ø200 для 920	20374246
	Program kit for radio system	20376726
	Hose protection ø130/160 (Pair)	20374428
	Анкерная пластина, затвор: в 3 частях	20371868
	Трансформатор комп. 24V / 15VA	20374242
	Уменьшение ø160-ø150	20373760
	Анкерная пластина для магнатрака.	20372003

## MagnaRail



A: Падение давления, Па  
 B: Воздушный поток, м<sup>3</sup> / ч  
 C: Воздушный поток cfm D: Падение давления, т.

Верхняя диаграмма:

- 1 = Верхнее соединение под углом, Ø 200 мм
- 2 = Конечное соединение
- 3 = выхлопная система, на метр

Нижняя диаграмма

- 1 = блок экстракции LL, шланг 4 м, ø130 мм
- 2 = Блок экстракции LL, шланг 4 м, ø160 мм
- 3 = блок экстракции HL, шланг 2 м, ø160 мм

Рекомендации по воздушному потоку:

- Тяжелые транспортные средства: 1000 - 1200 м<sup>3</sup> / ч
- Автомобиль / внедорожник: 400 - 600 м<sup>3</sup> / ч