

MAX Track ST

Exhaust extraction system for emergency stations with fewer runs



MAX Track ST is designed for stations low to medium run frequency and average exit speed. The MAX nozzle features a direct, magnetic connection to an adapter secured to the vehicle's tailpipe, capturing the exhaust directly at the source.

High temperature, free-hanging exhaust hose is supported by a balancer that connects the nozzle to the exhaust duct. As the vehicle moves within the station, the trolley slides on the track with the nozzle secured to the tailpipe. When the vehicle exits the station tension on the hose / balancer disconnects the nozzle from the vehicle.

MAX Track ST is available in track lengths from 6 to 12 m (20 to 39 ft) and it fits a variety of tailpipe diameters on low, under vehicle arrangements.

Technical System Specifications

Vehicle Capacity	1
Exhaust Pipe Location	Low, under vehicle
Maximum Exit Speed	15 km/hr (10 mph)
Vehicle Approach	Back-in (typical) or Drive-through
Vehicle Exhaust Temperature	Up to 510°C (950°F)
Recommended Airflow	425 - 850 m ³ /hr (250 - 500 CFM)
Nozzle Type	MAX Nozzle, direct connect with SiCo rare earth magnet(s)
Nozzle Connection Size(s)	4" or 6" nominal
Tailpipe Adapter Size(s)	3", 3.5", 4", 5" or 6" OD Tailpipe
Track Style	Track
Actuator	Dashboard transmitter or in duct pressure switch
Track Mounting Height	3.3 - 4.0 m (10-13 ft)
Available Track Lengths	6.0 m (19.6 ft), 9.0 m (29.5 ft), 12 m (39.4 ft)
Hose Length	7.3 m (24.0 ft) for 6 m track length; 8.5 m (28 ft) for 9 m (30 ft) and 12 m (39 ft) track lengths
Exhaust Hose Diameter	100 mm (4") or 150 mm (6")
Balancer Specifications	14.3 kg (31.5 lb) pull force; 1.5 m (5 ft) length of use
Approximate Weights	
Track / Rail	13.2 kg (29 lb)
Trolley / Balancer	3.0 kg (6.6 lb)
Extraction Unit (per drop)	14.5 kg (32 lb)
Tailpipe Adapter	2.3 kg (5 lb)
Materials	
Tailpipe Adapter	Electrolytic nickel plated steel
Nozzle	Electrolytic nickel plated steel, rubber bumper and silicone rubber diaphragm
Hose	Synthetic, high temperature hose with steel helix and wear strip
Track / Rail Type	Aluminum
Sliding Block (trolley)	Aluminum and Polythene
Balancer	Steel cord, composite shell

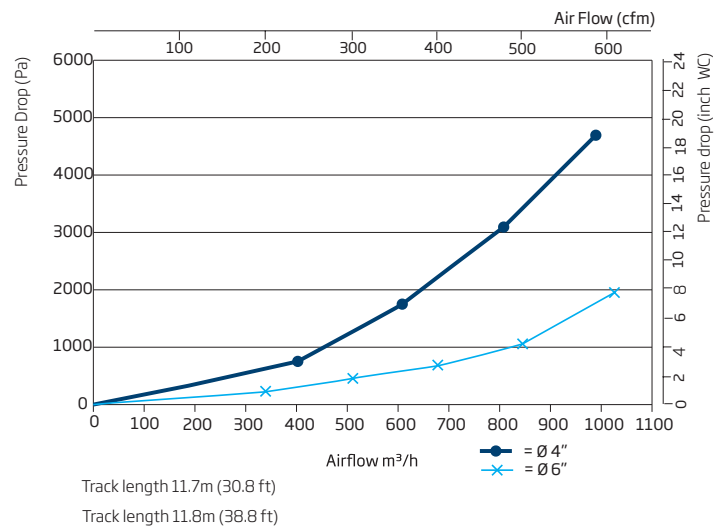
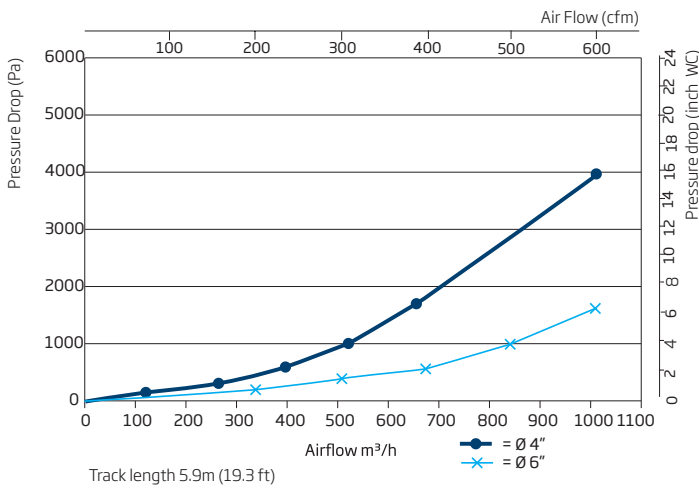
MAX Track ST Components & Accessories

Extraction Drop Assembly Includes Track, sliding block, balancer, swivel, hose connector, exhaust hose and MAX Nozzle				
Length m (ft)	Nozzle Diameter (in)	Hose Diameter (in)	Hoze Length m (ft)	Article No.
6 (20)	6	4	7.3 (24)	89299234
9 (29.5)	6	4	8.5 (28)	89299229
12 (39.4)	6	4	8.5 (28)	89299225
6 (20)	4	4	7.3 (24)	89299261
9 (29.5)	4	4	8.5 (28)	89299262
12 (39.4)	4	4	8.5 (28)	89299263
6 (20)	6	6	7.3 (24)	89299258
9 (29.5)	6	6	8.5 (28)	89299259
12 (39.4)	6	6	8.5 (28)	89299560

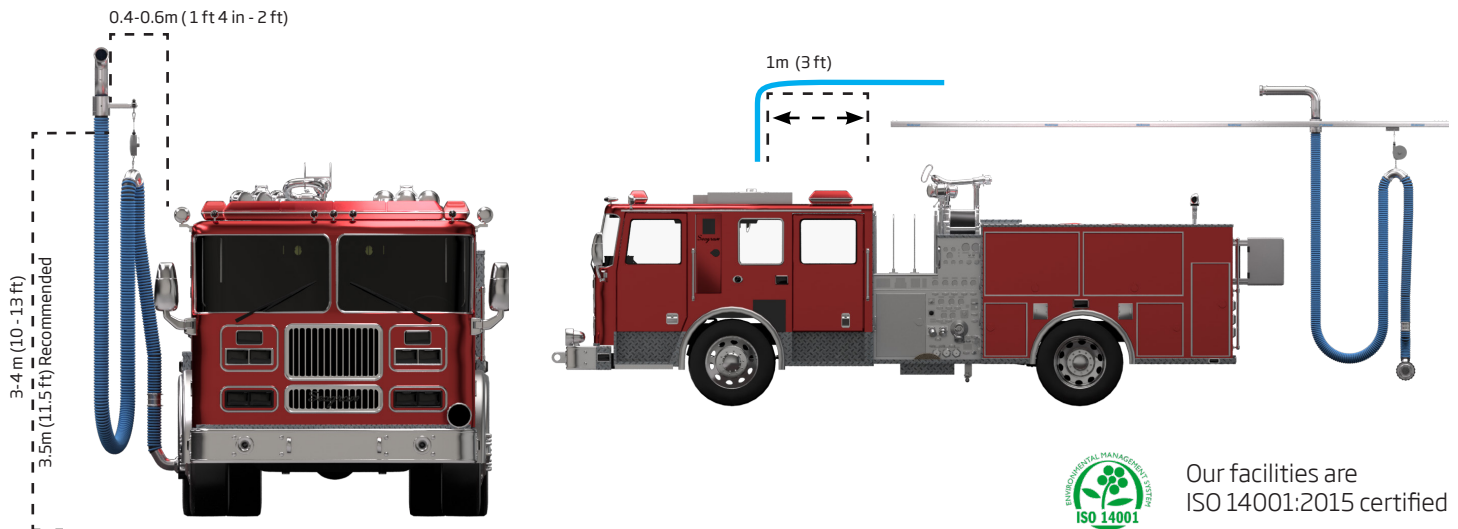
Tail Pipe Adapter Assembly (includes tailpipe adapter and clamp)	
Tailpipe Diameter	Article No.
3"	89299201
3.5"	89299202
4"	89299203
5"	89299204
6"	89299205

Accessories	
Description	Article No.
Auto start/stop transmitter Gen II	89116064
Pressure Switch for MAX (hard wired)	89298271
Wireless Transmitter for Pressure Switch	89215003
Safety coupling, 4 in	20373797
Safety coupling, 6 in	20373798

System Pressure Drop



General Installation Dimensions



Our facilities are ISO 14001:2015 certified