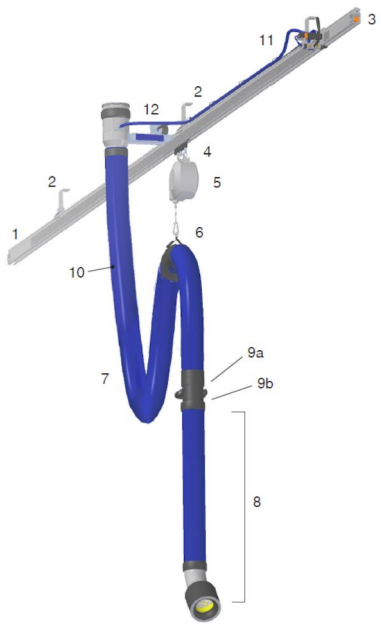
Pneumatic Track System (PTS)

Exhaust extraction system for emergency stations



1. Guide track
2. Bracket
3. End stop
4. Trolley
5. Balancer
6. Hose suspension/metal bend
7. Upper exhaust hose
8. Nozzle kit
9. Safety coupler (female 9a + male 9b)
10. Integrated pneumatic air hose
11. Disconnection valve

The Pneumatic Track system – PTS is suitable for stations where vehicles change from time to time. The system is based on a nozzle expanded by compressed air, attaching and sealing the nozzle tightly round the tail pipe. PTS is supplied with a choice of two different sized nozzles to fit the most common types of tail pipes. A quick coupler makes it easy to switch the nozzles.

PTS can be delivered with two optional alternatives for automatic start / stop of fan; radiosystem or process sensor system.

- **Air vent for quick and safe departures**
- **Safety coupling in case of faulty operation**
- **Nozzles to suit various types of vehicles**
- **Grip for ergonomic handling**
- **Exhaust hose with integrated compressed air hose**

Product name	Pneumatic Track System (PTS)
Material recycling (% weight)	100
Type of hose	[NTP]
Diameter, hose (mm)	100

CE

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Pneumatic Track System (PTS)

[image]	Description	Hose length (m)	[model]
	PTS-Pneumatic Track System, 5,9 m NTP hose, working range 7,9 m	5	20807564*
	PTS-Pneumatic Track System, 9,4 m NTP hose, working range 11,4 m	7,5	20807664**
	PTS-Pneumatic Track System, 11,8 m NTP hose, working range 13,8 m	10	20807764**
	PTS-Pneumatic Track System Metal Bend, 9,4 m PUR hose, working range 11,4 m	7,5	20808664***
	PTS-Pneumatic Track System Metal Bend, 11,8 m PUR hose, working range 13,8 m	10	20808764***
	PTS-Pneumatic Track System Metal Bend 5,9 m	5	20808564***
	Nozzle kit for exhaust pipe ø 50 - 85 mm, Grip length 100 mm, with NR-CP hose	1	20869061****
	Nozzle kit for exhaust pipe ø 70 - 125 mm, Grip length 120 mm, with NR-CP hose	1	20869161****

**International Version, Complete with Track (1), Brackets (2), End stop (3), Trolley (4) , Balancer (5),*
Hose suspension (6), Upper extraction hose (7), Safety coupler (female 9a),
Upper integrated pneumatic air hose (10) and Disconnection valve (11)
***International Version, Complete with Track (1), Brackets (2), End stop (3), Trolley (4) , Balancer (5),*
Hose suspension (6), Upper extraction hose (7), Safety coupler (female 9a), Upper integrated pneumatic air hose (10) and Disconnection valve (11)
****North American Version, Complete with Track (1), Brackets (2), End stop (3), Trolley (4) , Balancer (5),*
Hose suspension (6), Upper extraction hose (7), Safety coupler (female 9a), and
Upper integrated pneumatic air hose (10)
*****Complete Nozzle kit (8) with Nozzle, Lower extraction hose, Lower integrated pneumatic air hose and Safety coupler (male 9b).*

Hose type	Specification	Temperature range, °C	Hose fittings in free hose end, distribution hose	Hose fitting on free hose end, inlet hose	Hose connection on reel, distribution hose	Hose connection on reel, inlet hose
NTP		up to 150				

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Pneumatic Track System (PTS)

[accessory]		[partno]
	Radio transmitter vehicle GHz	20376723
	Radio Receiver GHz	20376724
	Handheld radio transmitter GHz	20376725
	Pressure switch - Fan start	20807864
	compressed air filter aut. 0.1bar	20375252*
	Tail pipe stop 50-90mm/2-3.5"	20375139
	Tail pipe stop 90-130mm/3.5-5"	20375140
	Tail pipe stop 120-180mm/5,1-7,1"	20375456

**Compressed air filter must be used acc. to DIN ISO 8573-1, class 5/5/4*

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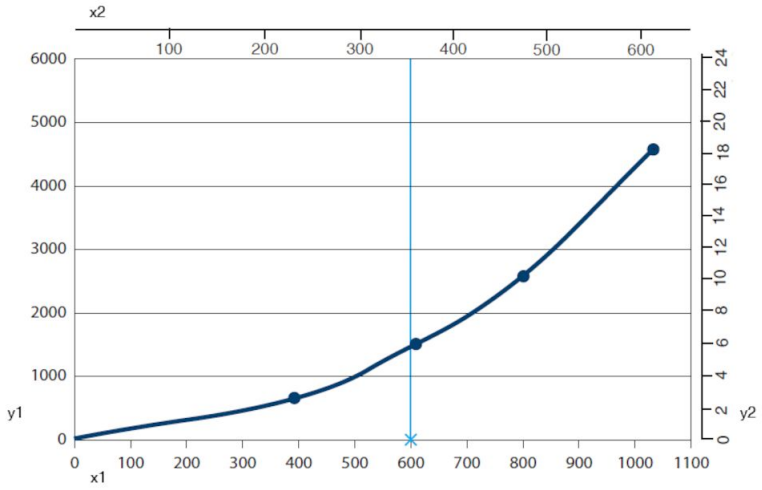

Pressure drop international version, hose 5,9 m ø 100 mm

X1 = Airflow (m3/h)

X2 = Airflow (CFM)

Y1 = Pressure (Pa)

Y2= Pre+C2:C7ssure (in. w.g.)

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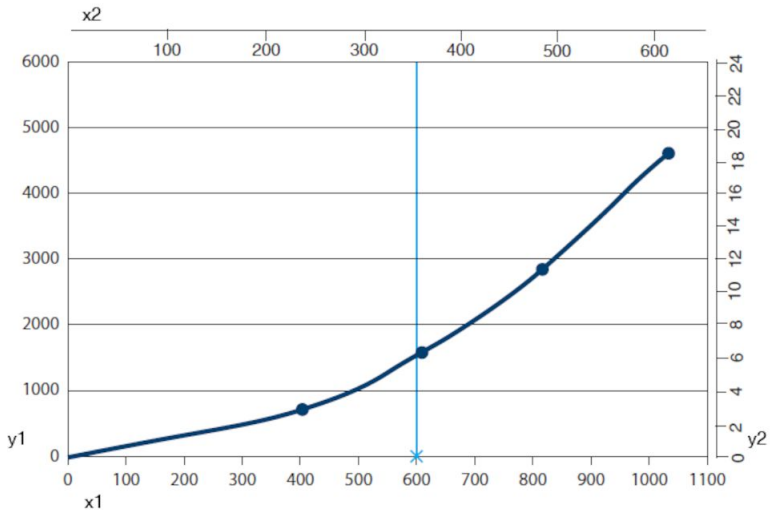
Pneumatic Track System (PTS)



Pressure drop international version, hose 9,4 m ø 100 mm

X1 = Airflow (m3/h)

X2 = Airflow (CFM)

Y1 = Pressure (Pa)

Y2= Pressure (in. w.g.)

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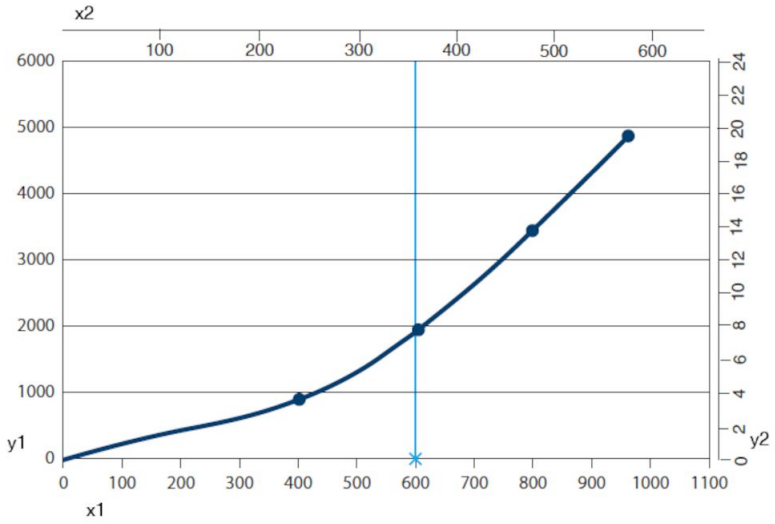
Pneumatic Track System (PTS)



Pressure drop international version, 11,8 m ø 100 mm
X1 = Airflow (m3/h)

X2 = Airflow (CFM)

Y1 = Pressure (Pa)

Y2= Pressure (in. w.g.)

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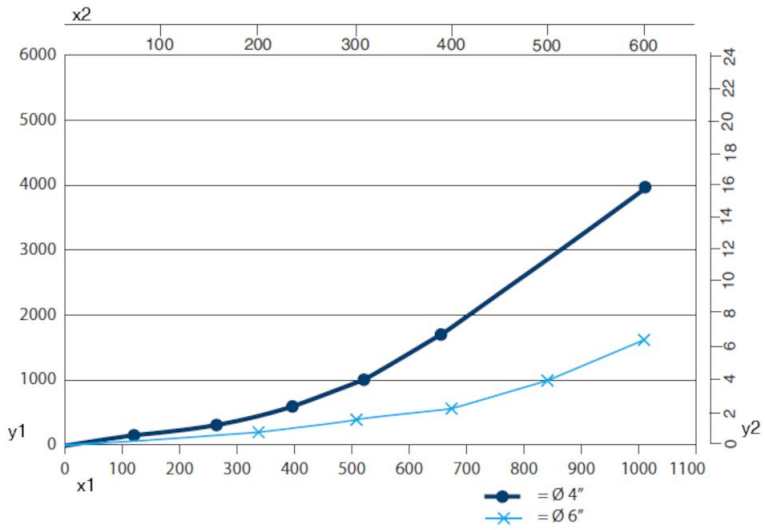
Pneumatic Track System (PTS)



Pressure drop North American version, hose 19 ft (5,9 m)

X1 = Airflow (m3/h)

X2 = Airflow (CFM)

Y1 = Pressure (Pa)

Y2= Pressure (in. w.g.)

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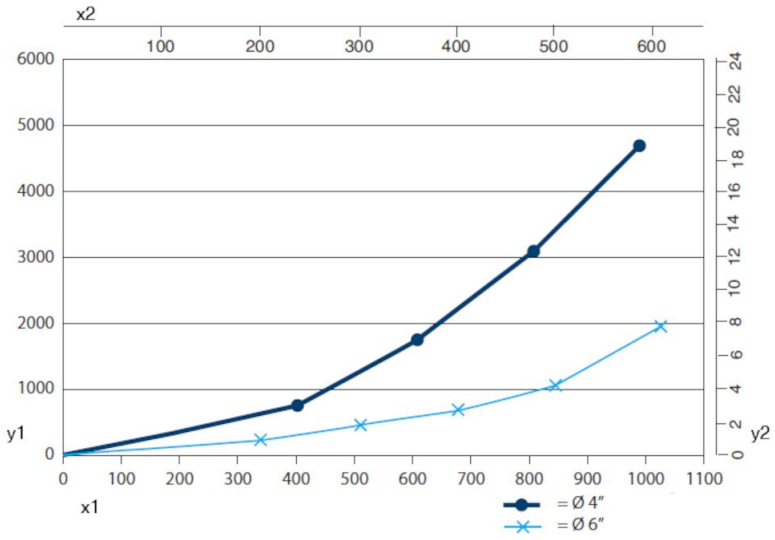
Pneumatic Track System (PTS)



Pressure drop North American version, hose 30 ft (9,4 m)

X1 = Airflow (m3/h)

X2 = Airflow (CFM)

Y1 = Pressure (Pa)

Y2= Pressure (in. w.g.)

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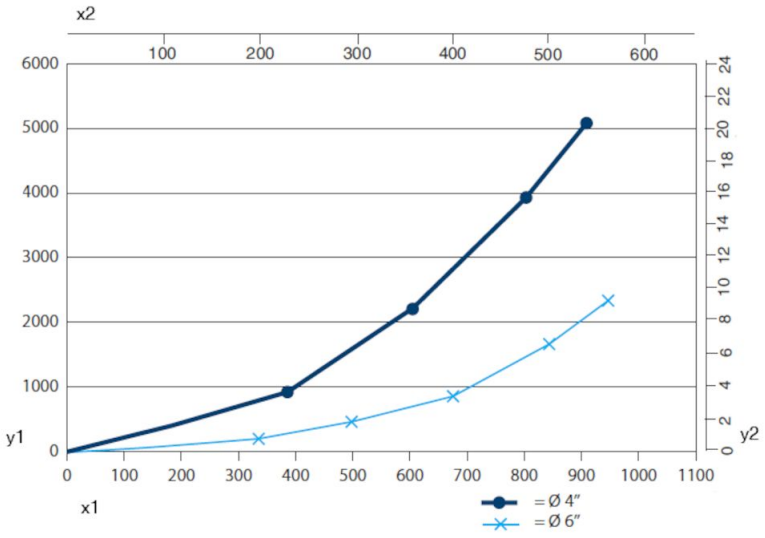
Pneumatic Track System (PTS)



Pressure drop North American version, hose 38 ft (11,8 m)

X1 = Airflow (m3/h)

X2 = Airflow (CFM)

Y1 = Pressure (Pa)

Y2= Pressure (in. w.g.)

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