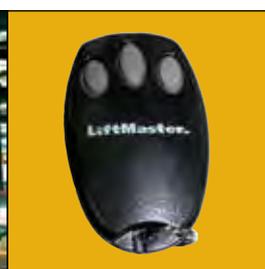
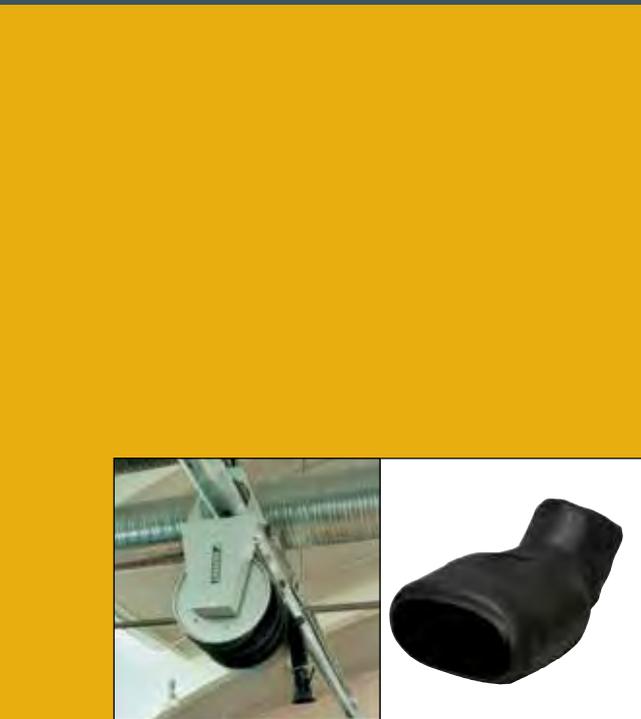


HOSE REEL LX/FB

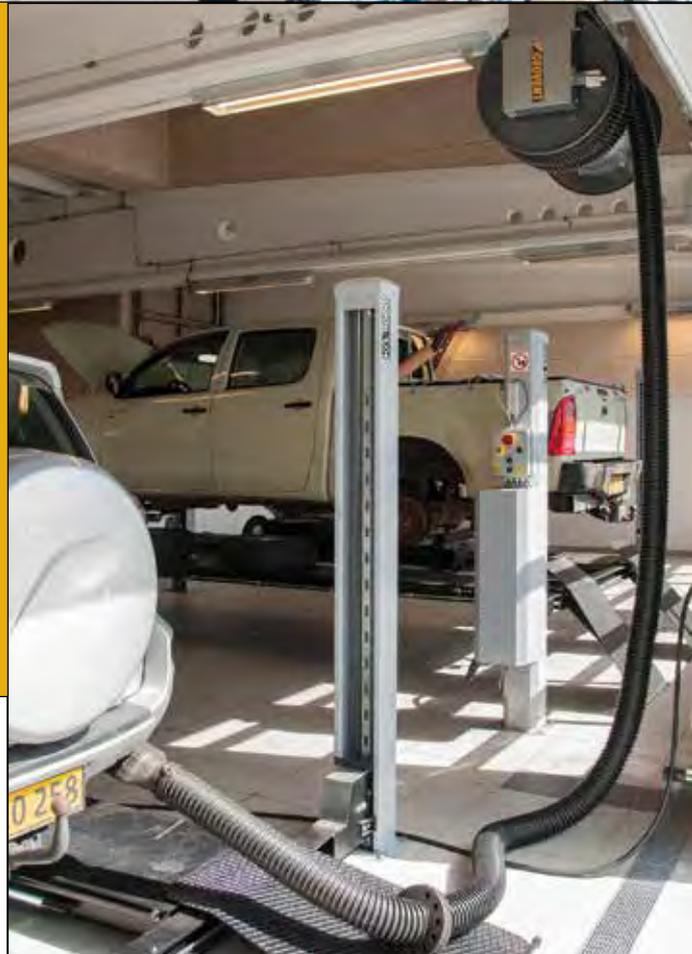


Geovents hose reel systems are available with either manual or remote controlled electrical winch. On all models the outlet to duct is $\varnothing 160\text{mm}$. Our hose reels are available with different accessories, such as direct mounted fan, automatic start/stop of fan and more.





Over the years Geovent has built a considerable know-how in the field of repair shop health and safety. Shown in the photos are results of complete extraction installations in auto repair shops. Among other things Geovent has supplied hose reels for exhaust extraction, general ventilation and welding extraction. The result is a safer working environment for mechanics and leaves the customers with an impression of a professional and well run repair shop.



Hose Reel LX



Hose Reel electric winch and wireless remote control. For \varnothing 160mm nipple and 1x 230V.
With hose but without nozzle.

Art. No.	Description
04-590	Hose reel 750LX-05-080
04-591	Hose reel 750LX-07-080
04-592	Hose reel 750LX-10-080
04-593	Hose reel 750LX-05-100
04-594	Hose reel 750LX-07-100
04-595	Hose reel 950LX-10-100
04-596	Hose reel 750LX-05-125
04-597	Hose reel 950LX-07-125
04-598	Hose reel 950LX-10-125
04-599	Hose reel 750LX-05-150
04-600	Hose reel 950LX-07-150
04-601	Hose reel 950LX-10-150
04-602	Hose reel 950LX-05-200
04-603	Hose reel 950LX-07-200
LX-Hose Reel without hose	
LX-750	Hose reel LX-750 without hose
LX-950	Hose reel LX-950 without hose
LX-1250	Hose reel LX-1250 without hose

To be combined with exhaust hose.

Hose Reel FB



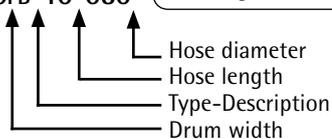
Hose Reel with spring winch.
For \varnothing 160mm nipple. With hose.
Without nozzle.

Art. No.	Description
04-550	Hose reel 450FB-05-080
04-580	Hose reel 450FB-07-080
04-551	Hose reel 750FB-10-080
04-552	Hose reel 450FB-05-100
04-581	Hose reel 750FB-07-100
04-553	Hose reel 750FB-10-100
04-554	Hose reel 750FB-05-125
04-582	Hose reel 750FB-07-125
04-555	Hose reel 950FB-10-125
04-556	Hose reel 750FB-05-150
04-583	Hose reel 750FB-07-150
04-557	Hose reel 950FB-10-150

By default all FB Hose Reel have hose stop included.
For other combinations please enquire.

Hose Reel 750FB-10-080

Legend



Note:

As the construction of the FB-Hose Reel requires a part of the hose to be contained within the drum, the effective length of the hose will be shortened by the width of the Hose Reel.

Example:

A 750FB-10-125 has an effective hose length of: 10m - 750mm = 9,25m.

Accessories for Hose Reel type LX and FB



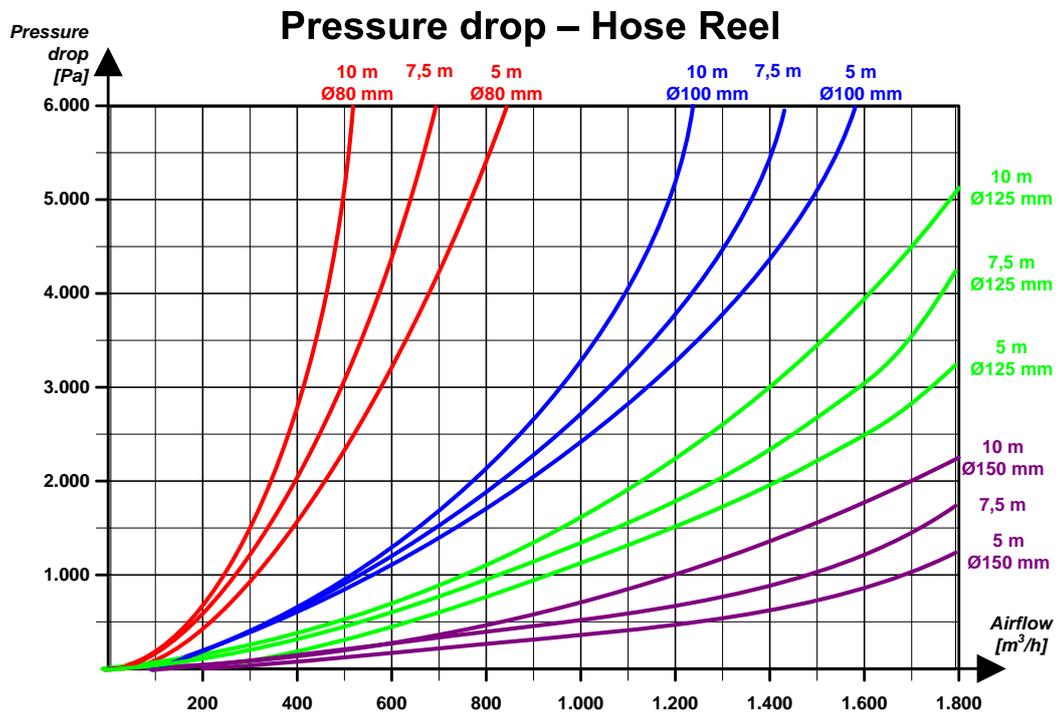
Art. No.	Description
04-293	Switch for automatic start/stop of the fan or damper activation.

Accessories for Hose Reel type LX



Art. No.	Description
04-621	Remote control for Hose reel type LX - please specify frequency.

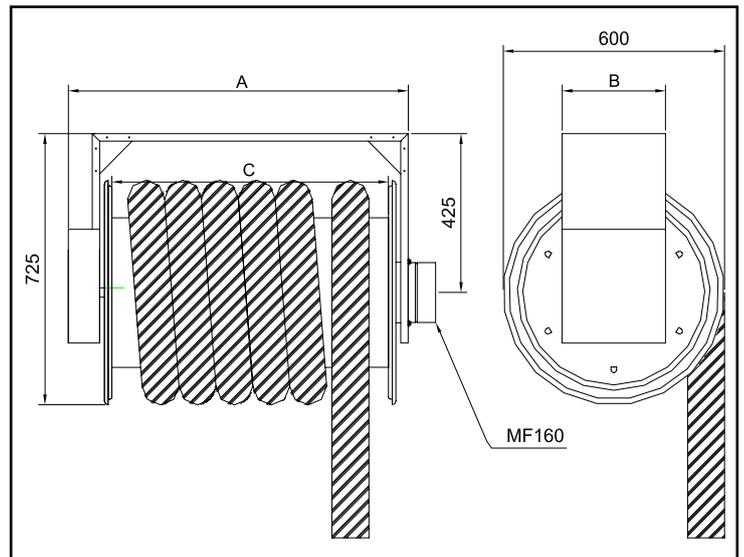
Fan MSQ for direct mounting on the side of the Hose Reel.
See Fans section of this catalogue



Dimensions- Hose Reel

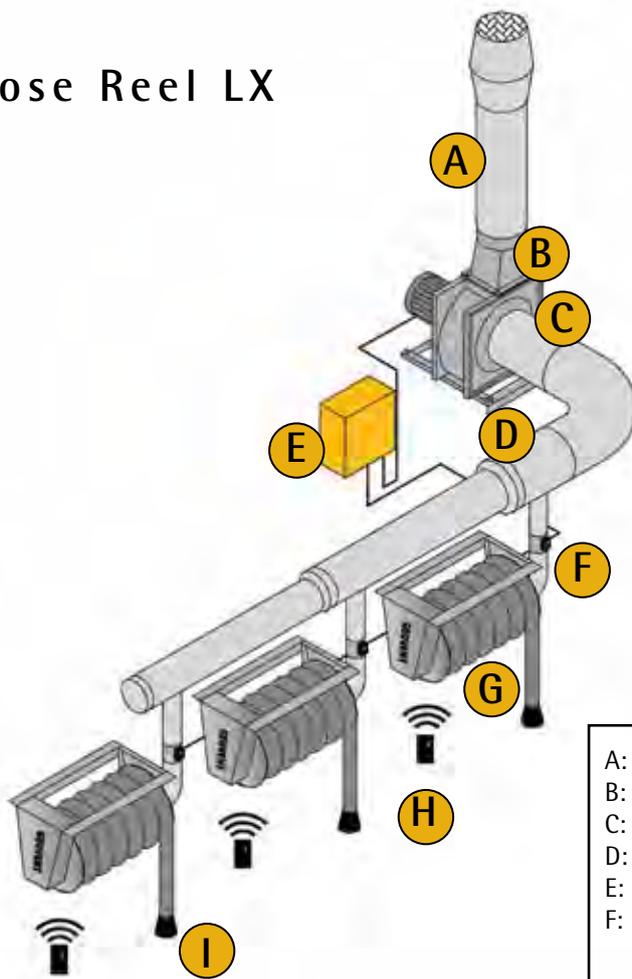
	LX			FB		
C	750	950	1250	450	750	950
A	860	1060	1360	621	921	1121
B*	532	532	532	280	280	280

* The depicted Hose Reel is an FB-Reel. Console and mounting bracket differ from that of the LX-Reel. Outer measurements are the same, however.

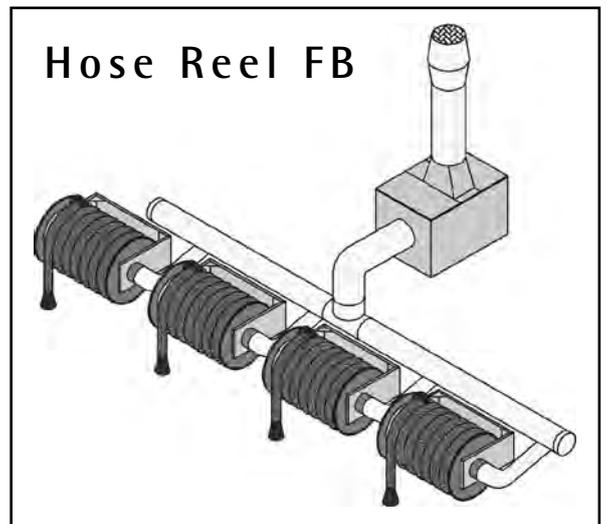


Installation examples- Hose Reels

Hose Reel LX



Hose Reel FB



A: Outlet with jet hood
 B: Outlet flange
 C: Fan MSFG
 D: Wall mounting bracket
 E: Start/stop control LWS
 F: Fast Action Motor
 Damper \varnothing 160

G: Hose Reel LX
 H: Radio Remote Control
 I: Rubber Nozzle

Optional:
 Start/stop switch for fan and
 open/close motor damper.

CHANNEL DUCT



To the operator, the Channel duct ensures flexibility within a large working area. The Channel duct is most suitable in medium-sized and large garages, where several working areas may share one or several trolleys or in larger garages with a flow of cars, like in car inspection garages.

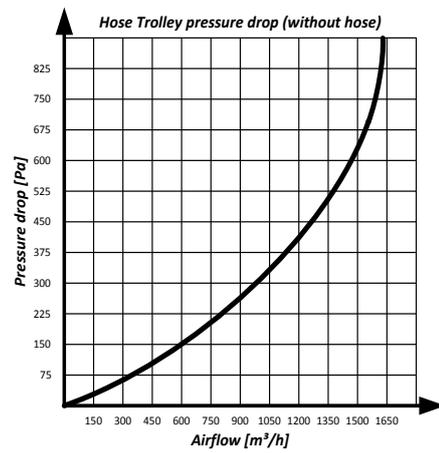
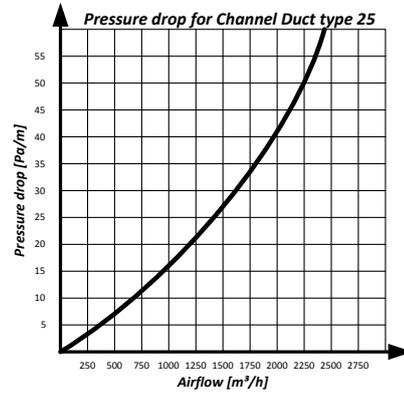
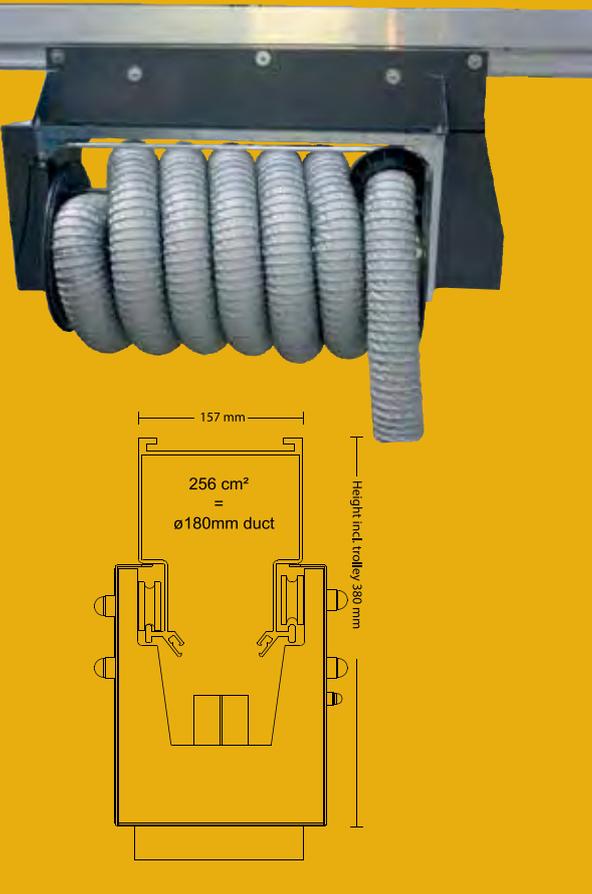
A large selection of accessories is available for the Channel duct system, facilitating the use of the system, such as:

- electric, remote controlled forward and return movement,
- compressed air nozzle for automatic uncoupling from the exhaust pipe
- automatic start/stop of the fan, etc.

The channel duct is a versatile system with a number of applications. Shown here is a channel duct mounted on a 360° pivotable column for wider range.

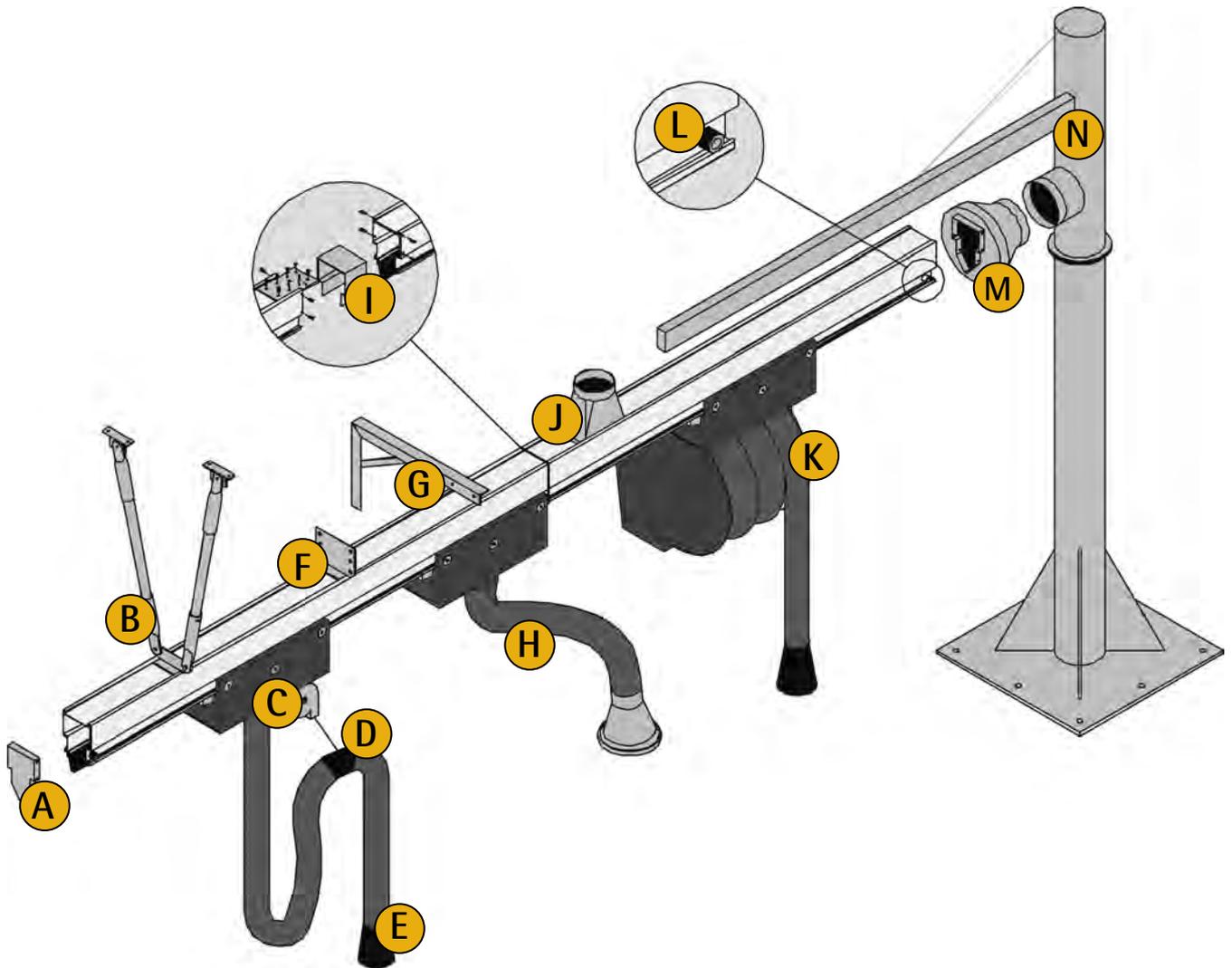
The channel duct can be combined with a Hose Reel for even wider range.

Recommended air flow:
Up to 2.000m³/h per trolley.



CHANNEL DUCT

Type 25 Installation examples



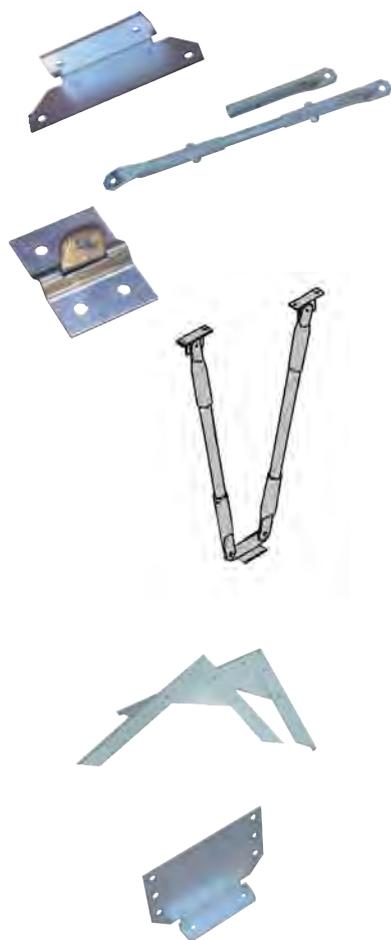
A:	End cover	I:	Connection
B:	Ceiling bracket	J:	Outlet Flange, top
C:	Balancer	K:	Hose Reel with Nozzle
D:	Hose mount LWS	L:	End stop
E:	Rubber Nozzle	M:	Channel reduction, end
F:	Suspension Bracket type 160	N:	Pivotable arm 180° or 360°
G:	Wall mount		
H:	Extraction Arm (WING/COMPACT)		

Channel Duct



Art. No.	Description
07-400	Channel Duct type 25 extruded aluminium with neoprene rubber lips. Lengths of 3 and 6 meter. Height: 291mm. Width: 156mm. Channel = 256 cm ² = ø180 duct. 9 kg/m - Price per meter
07-400A	Reinforcement for Channel Duct. Should be used when the pressure exceeds 1.600 Pa in the Channel Duct and should be placed for every 2 meters. Per set:
07-401	Channel connection for connecting 2 lengths of Channel Duct. Galvanized steel
07-402	Assembly kit, for assembling the Channel Duct. (1 set per length of Channel Duct.)
07-477	End stop for trolley
07-478	Spring stop for trolley.
07-403	End cover for type 25 galvanized steel
07-406	End reduction nipple ø250 mm, From the end of the Channel Ductens to round spiro duct
56-064	Reduction galvanized, sleeve ø250 /nipple ø160
56-065	Reduction galvanized, sleeve ø250 /nipple ø200
07-408	Top mounted poutlet, nipple ø160 mm, From the top of the Channel Ductens to round spiro duct
07-409	Top mounted poutlet, nipple ø200 mm, From the top of the Channel Ductens to round spiro duct
07-410	Top mounted poutlet, nipple ø250 mm, From the top of the Channel Ductens to round spiro duct
07-411	Trolley type 25, powder coated steel. Complete with 6. smooth-running nylon wheels. ø160 mm nipple connection. For air flows up to 1.200m ³ /h.
07-450	Trolley 27 DX powder coated steel. Complete with smooth-running ball bearing wheels and ø160mm nipple. Trolley with minimum friction for effortless positioning.
07-430	Trolley 2000M. 8 wheels and ø250mm nipple. (L=1.000mm, W=200mm, H=289mm). For air flows up to 2.000m ³ /h.
07-460	Trolley for Hose Reel FB/LX750. Price does not include Hose Reel
07-461	Trolley for Hose Reel FB/LX950. Price does not include Hose Reel
56-042	Reduction MF160/NP80
56-043	Reduction MF160/NP100
56-044	Reduction MF160/NP125
56-045	Reduction MF160/NP150
04-460	Adapter for mounting WING/COMPACT arm on trolley 25

Suspension of Channel Duct – bracket for every 2 - 4 meter channel duct



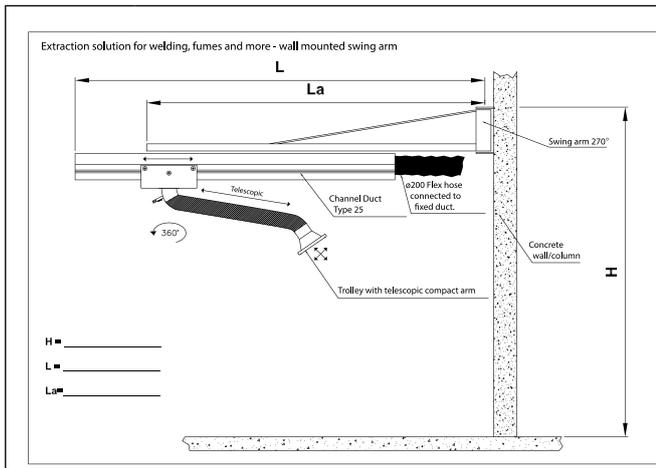
Art. No.	Description
07-656	Suspension bracket type 60 galvanized steel. For mounting in ceiling and on wall (Price each.)
07-424	Spacer tube for suspension bracket 3/8" galvanized per meter
07-422	Set with 2 sleeve bracket for spacer tubes. 2 sets required for each point of fixation.
07-662	Ceiling bracket with tilt function
Suspension kit for Channel Duct - Content: Suspension bracket type 60 (07-656), spacer tube(07-424), sleeve and ceiling bracket. 1 kit required for each point of fixation.	
07-620	1 meter suspension
07-621	2 meter suspension
07-622	3 meter suspension
07-150	Shelf bracket for wall mounting. 500x370 (set of 2)
07-151	Shelf bracket for wall mounting.550x400 (set of 2)
07-152	Shelf bracket for wall mounting. 600x440 (set of 2)
07-153	Shelf bracket for wall mounting. 650x475 (set of 2)
07-655	Suspension bracket type 160 galvanized. For mounting on side of concrete beam.

Automatics for Channel Duct

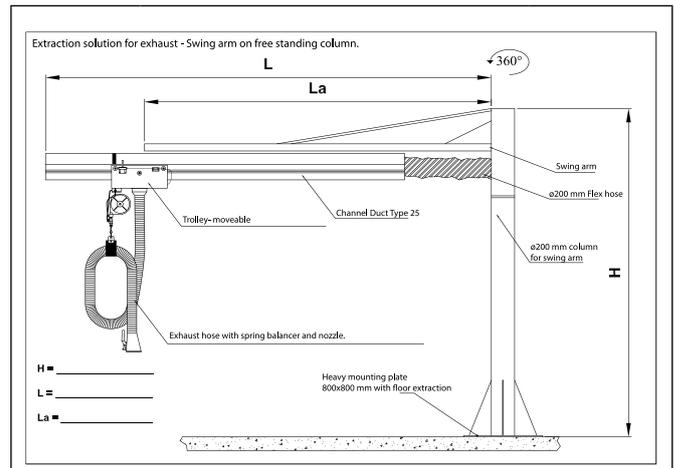


Art. No.	Description
07-490	Return system for Channel Duct. Trolley is returned to initial position with the help of small motor controlled by PLC, frequency converter and sensor.
Wireless start/stop automatics. Transmitter can be connected to start/stop switch on the Hose Reel eller Channel Duct. Reciever connects to control board LWS for example.	
13-241	Wireless transmitter - end function- 9V
13-240	Wireless reciever- end function- 220V
07-100	Wire Switch LWS for start/stop of fan when balancer is extended. Max. 1x250V 5A. Factory mounted on balancer of choice.
07-102	Cable festoon 2x0,75mm ² for Wire Switch. L=6m
07-103	Cable festoon 2x0,75mm ² for Wire Switch. L=12m
07-104	Cable festoon 2x0,75mm ² for Wire Switch. L=15m

Channel Duct mounted on extension arm or floor column.



Art. No.	Description
07-730	180° extension arm 6m for wall mounted Channel Duct. La = 5m Note: Channel Duct not included.



Art. No.	Description
07-750	360° extension arm 6m with floor column H=7,5 m for Channel Duct, La=5m,L=6m Custom fitting available upon request

Hose suspension parts / Detachment systems



Art. No.	Description
07-712	Multi hose suspension LWS with balancer bracket. Suitable for hose dimension $\varnothing 76 - 152$ mm
07-716	Multi hose suspension Suitable for hose dimension $\varnothing 76 - 152$ mm
07-716A	Multi hose suspension Suitable for hose dimension $\varnothing 203$ mm
06-600	Safety Coupling $\varnothing 100$
06-601	Safety Coupling $\varnothing 125$
06-602	Safety Coupling $\varnothing 150$
07-107	Automatic detachment system with pressurized air for festoon/ Channel Duct including mounting bracket and $\varnothing 10$ mm push-in fittings. Including end stop for activating the release valve. When the trolley reaches the end it will release pressure in the SB-nozzle.
07-120	As above, but with sensor for bellow nozzle with hand pump.
07-770	Complete electromagnetic detachment system with control, car nozzle, electromagnet and High Temperature hose.
07-105	Automatic detachment system for SA-Nozzle on Channel Duct. Supplied with 10m Bowden Cable, activation arm and end stop. When the trolley reaches the end the vice grip is opened and the nozzle comes loose causing the damper to close.

Spring Balance



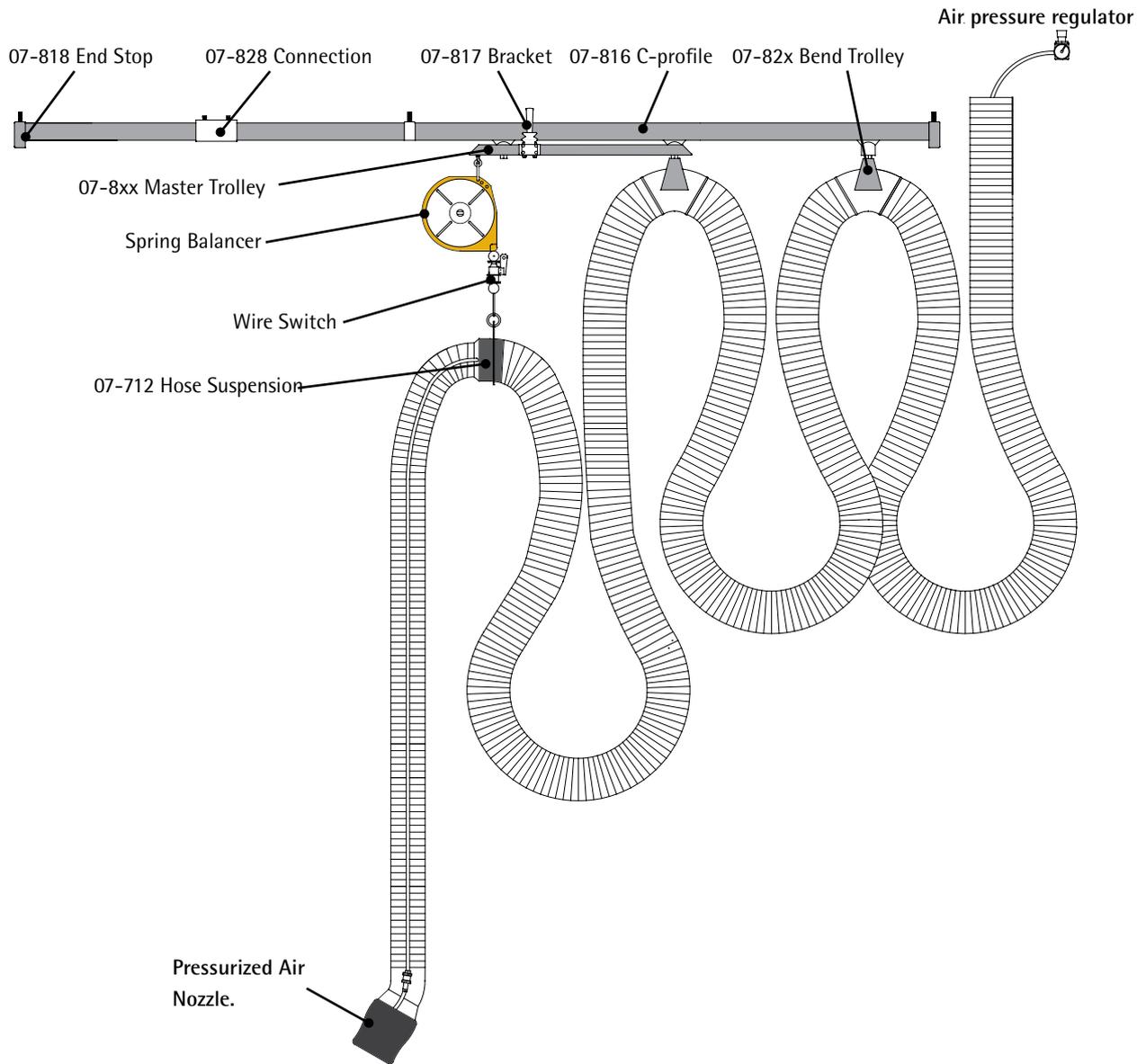
Art. No.	Description	Lock	[m]	[kg]
Aluminium Spring balancer with steel wire. Progressive pulling force. Weight: 2 - 4 kg				
07-220	DT-9336	No	2,5	2,0 - 4,0
07-221	DT-9337	No	2,5	4,0 - 6,0
07-221A	DT-9347D	Yes/No	4,5	4,0 - 6,0
07-223	DT-9338	No	2,5	6,0 - 8,0
07-223A	DT-9348D	Yes/No	4,5	6,0 - 8,0
07-224	DT-9339	No	2,5	8,0 - 10,0
07-224A	DT-9349D	Yes/No	4,5	8,0 - 10,0
07-225	DT-9340	No	2,5	10,0-14,0
07-225B	DT-9350D	Yes/No	4,5	10,0-14,0
07-225A	DT-9346	Yes	2,5	2,0 - 4,0
07-226	DT-9347	Yes	2,5	4,0 - 6,0
07-227	DT-9348D	Yes	2,5	6,0 - 8,0
07-228	DT-9349D	Yes	2,5	8,0 - 10,0
07-229	DT-9350	Yes	2,5	10,0-14,0
07-230	DT-9362	No	2	15,0-20,0
07-231	DT-9363	No	2	20,0-25,0



Special balancer with return brake and linear pulling force. Suitable for inspection garages and more. Weight: 12 kg				
07-235	SG-15	yes	8	0,0 - 15,0

Progressive pulling force: When released the hose will return at increasing speed.
Linear pulling force: When released the hose will return at a steady speed.

Garland systems for exhausts.



Art. No. Description

All master and bend trolleys are fitted with smooth running and low noise rubber clad steel wheels with ball bearings.

07-821	Master Trolley \varnothing 100 – With bend 360° pivotable
07-820	Master Trolley \varnothing 125 – With bend 360° pivotable
07-819	Master Trolley \varnothing 150 – With bend 360° pivotable

We recommend one bend trolley for every 2 meters of profile. Between two bend trolleys is 2,5m GeoFlex Exhaust hose.

07-824	Bend Trolley 100 – 360° pivotable
07-823	Bend Trolley 125 – 360° pivotable
07-822	Bend Trolley 150 – 360° pivotable

One bearing for every 3 meters of C-profile
E.G. 10 m C-profile needs to be fitted with two 07-818 and two 07-817

01-340	C-profile for festoon, Length= 7,0m
07-828	Connection for C-profile
07-818	Bracket for C-profile. M10 thread - end stop included
07-817	Bracket for C-profile. M10 thread

Tip: By tilting the C-profile 2-7° the hose will automatically return.

Rail system - for vehicles with vertical exhaust pipes.



Art. No.	Description
07-990	Channel duct system for emergency vehicles L = 6.0 m – complete set incl. 2 sliding, self-centering suspension brackets for the ceiling, inlet guide and exhaust adapter. The suspension bracket is height adjustable from 1.0 – 2.5 m. The Channel duct system is 500 mm slidable to both sides. The exhaust adapter may be mounted on exhaust pipes from approx. 95 – 120 mm. The Channel duct system for emergency vehicles is connected to the channel system via an ø250 mm reduction piece at the end.
07-991	Channel duct system for emergency vehicles L = 9.0 m – complete set incl. 2 slidable, self-centering suspension brackets for the ceiling, inlet guide and exhaust adapter. The suspension bracket is height adjustable from 1.0 – 2.5 m. The Channel duct system is 500 mm slidable to both sides. The exhaust adapter may be mounted on exhaust pipes from approx. 95 – 120 mm. The Channel duct system for emergency vehicles is connected to the channel system via an ø250 mm adapter at the end.

Other models available on request.

Emergency Rail System- type FBER



Art. No.	Description
07-995	Emergency rail system L = 7,0 m - complete solution including horizontally moveable profile, suspension bracket, hose and inlet guide. The extraction will follow the exhaust pipe all the way to the end of the rail. 10 m ø160mm compressable hose is suspended for every 0,7 m. Max. temp. 150°C.
07-996	As above but for vehicles with side mounted exhaust pipes. Electromagnetic detachment system.
07-997	As above but for vehicles with side mounted exhaust pipes. Pneumatic detachment system.

Automatics for emergency vehicles.



Art. No.	Description
19-111	Control panel for remote controlled transmitter. Automatically starts the fan, when the car is started. Range 50-100 m, subsequently the fan is turned off.
19-110	Wireless transmitter for start/stop of the fan. To be connected to 24V battery on the vehicle.

Exhaust Nozzles.



Art. No.	Description	Exhaust	Hose Conn.	Weight
SK - Nozzle - Powder coated steel with flap and opening for CO ₂ - probe				
06-008	SK-80	ø70	ø80	1,30 kg
06-009	SK-100	ø90	ø100	2,05 kg
06-029	SK-125	ø115	ø125	3,05 kg
06-028	SK-150	ø140	ø150	3,10 kg



HT - Nozzle - Powder coated steel w. vice grip. For very hot exhaust.				
06-328	HT-100	ø80	ø100	1,6 kg
06-329	HT-125	ø105	ø125	1,9 kg
06-330	HT-150	ø135	ø150	2,15 kg
06-331	HT-200	ø180	ø200	2,7 kg



S - funnel shaped rubber nozzle. Available with opening for CO ₂ -probe.				
06-168	S-65/90	ø90	ø80	0,65 kg
06-168A	S-65/90, w. tight damper	ø90	ø80	1,35 kg
06-167	S-80/130	ø130	ø80	0,80 kg
06-167A	S-80/130, w. tight damper	ø130	ø80	1,50 kg
06-166	S-100/150	ø150	ø100	0,85 kg
06-166A	S-100/150, w. tight damper	ø150	ø100	1,40 kg
06-169	S-100/150	ø150	ø125	0,90 kg
06-169A	S-100/150, w. tight damper	ø150	ø125	1,45 kg



SA - funnel shaped rubber nozzle. With vice grip and net.				
06-163	SA ø100/150	ø150	ø100	1,45 kg
06-163A	SA ø100/150, w. tight damper	ø150	ø100	2,00 kg
06-164	SA ø125/190	ø190	ø125	2,10 kg
06-164A	SA ø125/190, w. tight damper	ø190	ø125	3,35 kg
06-165	SA ø150/190	ø190	ø150	1,90 kg
06-165A	SA ø150/190, w. tight damper	ø190	ø150	3,15 kg
06-160	SA ø100/150mm w. automatic damper	ø150	ø100	2,05 kg
06-161	SA ø125/190mm w. automatic damper	ø190	ø125	3,05 kg
06-162	SA ø150/190mm w. automatic damper	ø190	ø150	2,85 kg

Note: Standard automatic damper shuts off 90% of the airflow.



SE - Oval rubber nozzle with vice grip and a 60° bend.				
06-170	FOR SALOON CARS SE-75/150	150/75	ø80	1,75 kg
06-171	SE-100/150	150/75	ø100	1,70 kg
06-172	SE-125/150	150/75	ø125	1,75 kg
06-173	FOR LORRIES SE-125/200	200/120	ø125	2,40 kg
06-174	SE-150/200	200/120	ø150	2,60 kg

Rubber Nozzles for Exhaust



Art. No.	Description	Exhaust	Hose Conn.	Weight
PO - Oval rubber nozzle with 60° bend				
06-193	PO-80/130	125/65	ø80	0,85 kg
06-195	PO-80/130, W. Tight Damper	125/65	ø80	1,55 kg
06-194	PO-100/130	125/65	ø100	0,65 kg
06-196	PO-100/130, W. Tight Damper	125/65	ø100	1,20 kg



GeoFlexgrip - Oval rubber nozzle, which will close when not in use.				
06-140	GeoFlexGrip 140/25	ø75	ø100	0,55 kg
06-139	GeoFlexGrip 180/30	ø100	ø100	0,90 kg
06-142	GeoFlexGrip 240/15	ø125	ø150	1,30 kg



SB - Round Rubber Nozzle with bellows for hand pump or pressurised air.				
06-350	SB 100/80	ø100	ø80	0,90 kg
06-354	SB 100/100	ø100	ø100	0,90 kg
06-355	SB 160/150	ø160	ø150	1,30 kg
06-360	SB 200/150	ø200	ø150	1,60 kg
06-360A	SB 250/150	ø250	ø150	2,00 kg



SBM - Oval Rubber Nozzle with bellows for hand pump or pressurised air.				
06-364A	SBM 120/40 (mini cars)	120/40	ø80	0,85 kg
06-364B	SBM 120/40 (mini and smaller cars)	120/40	ø100	0,70 kg
06-368A	SBM 200/100 (smaller lorries with stroke bore less than 3,0 l)	200/100	ø125	1,35 kg
06-368B	SBM 200/100 (lorries)	200/100	ø150	1,60 kg



SBM - Oval rubber nozzle with bellows for hand pump or pressurised air. With 45° bend.				
06-365A	SBM 150/80 (small and medium sized cars)	150/80	ø100	1,00 kg
06-365B	SBM 150/80 (Medium and larger cars less than 3,0 L)	150/80	ø125	1,10 kg



06-369	Hand pump for pressurised nozzle
06-369A	Quick release valve for pressurised nozzle
06-379	Slide valve for pressurised nozzle
12-006A	Turning damper, ø100, for nozzle
12-007A	Turning damper, ø150, for nozzle



06-363	Pressure regulator for nozzle SB with pressure gauge, ø10mm push-in fittings and mounting bracket
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Nozzles for Hose Reel, Channel Duct and hose lift



Art. No.	Description
06-356	Compressed air feeding set for Hose Reel L=max.10 m
06-357	Compressed air feeding set with garland for Channel Duct included: L = max 6 m
06-358	L = max 12 m
06-359	L = max 18 m
06-356A	Compressed air feeding set for hose garland, L=max.18 m
07-035	AU2 ø150 mm height adjustable holder. Well suited for test stands
07-040	AU2 ø200 mm height adjustable holder. Well suited for test stands
06-250	FBE hose cart ø100. height adjustable and easy to place.
06-251	FBE hose cart ø125. height adjustable and easy to place.
06-252	FBE hose cart ø150. height adjustable and easy to place.
	Y-coupling set for cars with dual exhaust pipe
06-389	Y-piece 100/100/45° complete, 2 ø100 GeoFlex Exhaust 1,25m hoses
06-390	Y-piece 100/100/45° complete with click coupling VL, 2. ø100 GeoFlex Exhaust 1,0m hoses
06-390A	Y-piece 100/100/45° complete with click coupling VL, 2. ø100 GeoFlex Exhaust 1,0m High temperature hoses
	<i>Note: Nozzles not included</i>
06-200	Extended nozzle ø125/250 – H = 2m. Well suited for construction equipment with vertical exhaust pipe
06-200A	Extended nozzle ø125/250 – H = 2m. Well suited for construction equipment with vertical exhaust pipe. With 300°C Hose

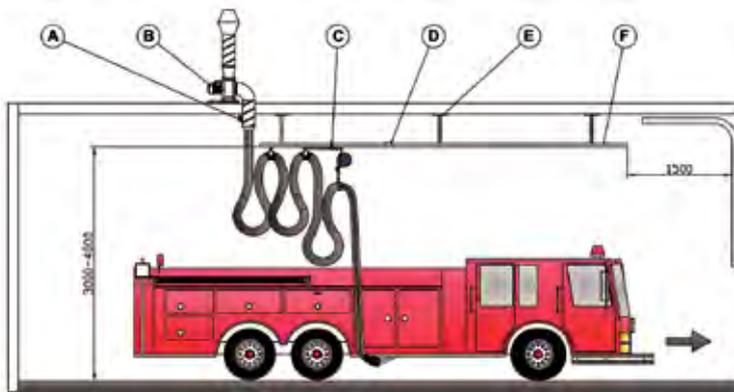
Hood for Hose Reel, ASA-/MINI- arms and more



Art. No.	Description	Weight
10-244	Ø160 Hood with magnet	1,7 kg
10-246	Ø200 Hood with magnet	1,9 kg
10-245	Ø160 Hood with magnet incl. adaptor ø150	1,9 kg
12-008	Tight damper ø160	0,15 kg
12-009	Tight damper ø200	0,20 kg
06-014	Welding hood ø80 with magnet	1,0 kg
06-015	Welding hood ø80 with magnet and tight damper	1,2 kg
06-020	Welding hood ø100 with magnet	1,1 kg
06-021	Welding hood ø100 with magnet and tight damper	1,3 kg
06-025	Welding hood ø125 with magnet	1,3 kg
06-026	Welding hood ø125 with magnet and tight damper	1,5 kg
06-051	MINI-hood ø80 with magnet	0,65 kg
06-052	MINI-hood ø80 with magnet and tight damper	0,65 kg
06-053	MINI-hood ø100 with magnet	0,65 kg
06-054	MINI-hood ø80 with magnet and tight damper	0,65 kg
06-240	Extraction screen f/emergency vehicles	
10-265	Flange f/hood-ø125 hose	
10-266	Flange f/hood-ø160 hose	
10-267	Flange f/hood-ø200 hose	

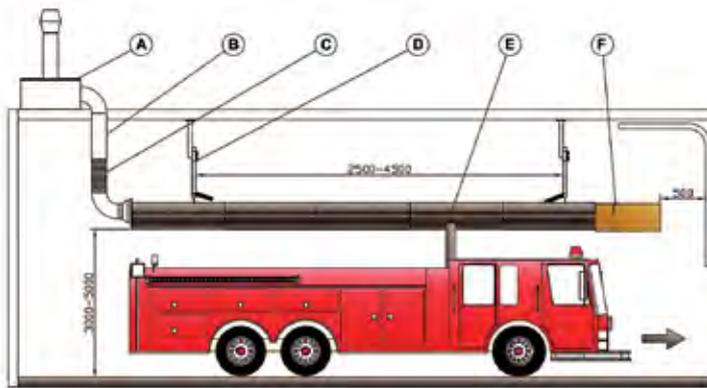
Custom hoods available on request. Please enquire.

Examples of equipment for emergency vehicles



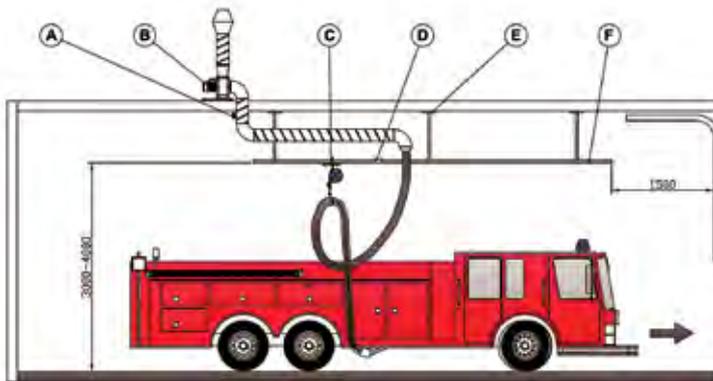
GARLAND RAIL W. AUT. DETACHMENT

- A: Spiro duct $\varnothing 160$ with reduction valve for compressed air
- B: Fan MSFG-200-3, 1.1kW – capable of supplying up to 2,100 m³/h air.
- C: Balancer Trolley. The trolley slides horizontally in the direction of travel.
- D: Connecting piece for rail system. The system consists of 6 meter pieces to be assembled to the required length.
- E: Suspension bracket for the mounting of the rail system in the ceiling.
- F: Release device, transmitting a signal to reduce the pressure in the nozzle, and then the nozzle is detached from the exhaust pipe.



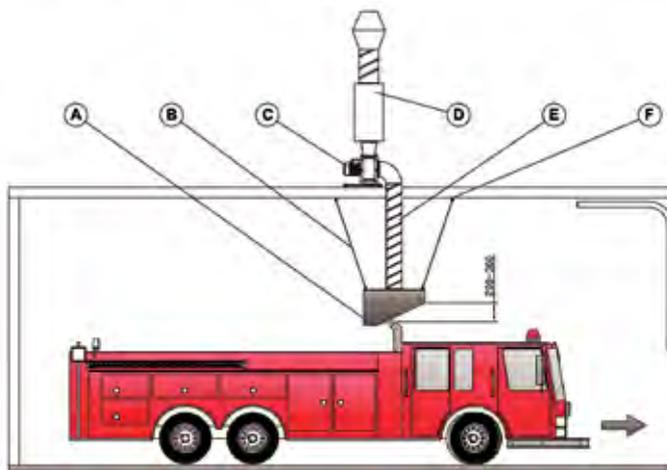
CHANNEL DUCT FOR EMERGENCY VEHICLES

- A: Box fan – for the extraction from a vehicle, MSFG-200-3, 1.1kW – Max 2,100 m³/h.
- B: Fixed spiro duct connection.
- C: Flexible hose, securing the regulation/movement of the Channel duct.
- D: Suspension bracket, which can slide the Channel duct in the same direction as the vehicle.
- E: The vertical exhaust pipe of the vehicle.
- F: Inlet guide to catch the exhaust pipe in order for it to be guided into the Channel duct. The system is activated via excess pressure.



GARLAND RAIL SYSTEM / C-PROFILE SYSTEM

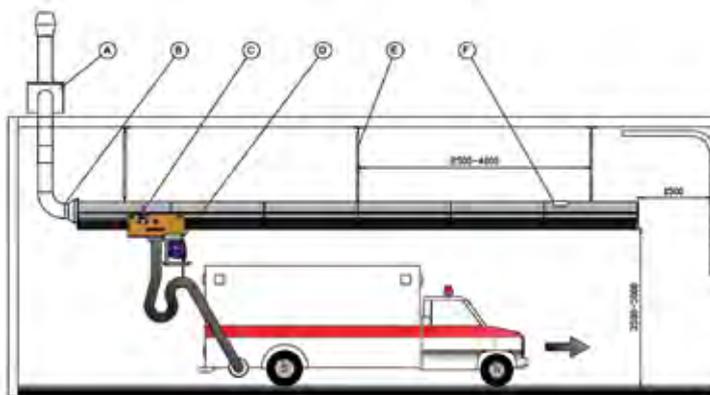
- A: Spiro duct $\varnothing 200$, reduction valve for compressed air.
- B: Fan MSFG-200-3, 1.1 kW – capable of supplying up to 2,100 m³/h air.
- C: Spring balancer holder with wheels, capable of sliding horizontally in the rail system.
- D: Connecting piece for rail system. The system consists of 6 meter pieces to be assembled to the required length.
- E: Suspension bracket for the mounting of the rail system in the ceiling.
- F: Release device, transmitting a signal to reduce the pressure in the nozzle, and then the nozzle is detached from the exhaust pipe.



EXTRACTION SHIELD

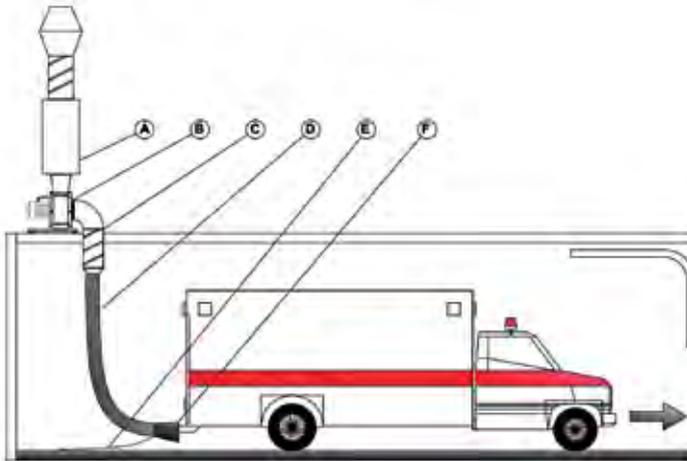
- A: Extraction shield 1000 x 1000 x 800 mm with vertical outlet and suspension bracket.
- B: Steel wire with turnbuckles.
- C: Fan MSFG-200-3 – for the extraction from one vehicle.
- D: Silencer $\varnothing 250$ mm.
- E: Spiro duct $\varnothing 200$ mm.
- F: Ceiling

Examples of equipment for emergency vehicles



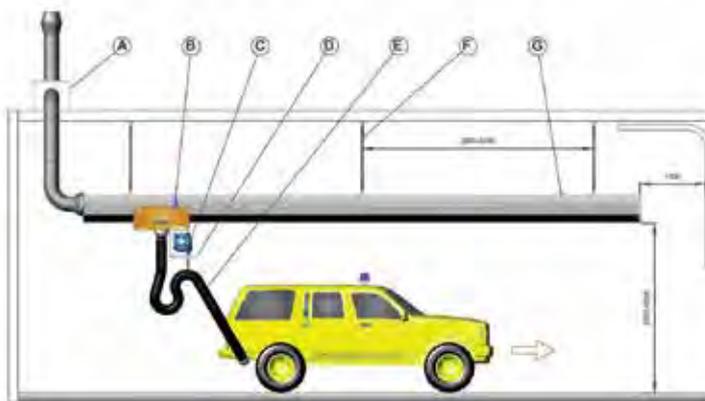
CHANNEL DUCT W. MECHANICAL REL. SYSTEM

- A: Box fan - MSFG-200-3
- B: Transition piece to round channel from the duct.
- C: Mechanical release system; releases the nozzle from the exhaust pipe at the end of the channel duct. The mechanism works by means of a steel wire releasing the vice grip on the nozzle.
- D: Spring balancer to facilitate the operation of the equipment and which ensures that the hose is not in the way.
- E: The suspension brackets must be fixed at intervals of 2500 to 4000 mm in order to secure the stable installation.
- F: Release station, activating the wire set in such a way that the nozzle is released just before the trolley reaches the end of the channel duct.



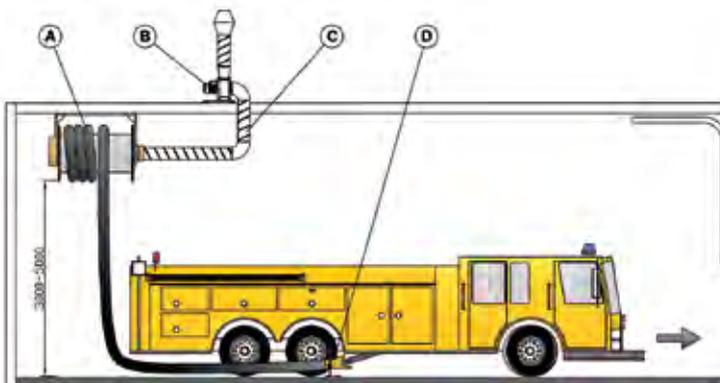
CONICAL NOZZLE, FIXED TO THE FLOOR

- A: Silencer
- B: Fan MSFG-200-3, 1.1 kW, max. 2,100m³/h.
- C: ø200 mm spiro duct and bend.
- D: GeoFlex exhaust hose with a temperature resistance of up to 150°C.
- E: Wire, fixed to the floor, ensuring that the nozzle detaches from the vehicle.
- F: Rubber nozzle to be pushed over the exhaust pipe. Suits several exhaust pipe dimensions.



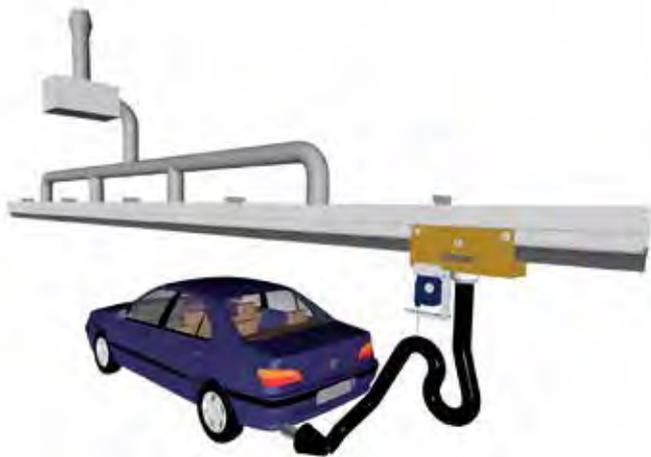
CHANNEL DUCT W. PNEUMATIC DETACHMENT

- A: Box fan - MSFG-200-3 1.1 kW
- B: Activation switch, sending a signal to the control panel to start or stop the fan.
- C: Spring balancer, securing easy operation of the equipment and that the hose is not in the way.
- D: GeoFlex exhaust pipe with a temperature resistance of up to 150°C. The lower part of the hose is a safety pull-out coupling, securing that the nozzle is released in case of defects.
- E: Wire switch LWS for the start/stop of the fan.
- F: The suspension brackets must be fixed at intervals of 2500 to 4000 mm in order to secure the stable installation.
- G: Bracket, which at the end station sends a signal to reduce the compressed air in the nozzle so that immediately hereafter it is released automatically from the vehicle.



HOSE REEL WITH AU2 FUNNEL

- A: Hose reel with 10 meters of ø150 GeoFlex exhaust (max 150°C).
- B: Fan MSFG-200, 1.1kW - Max 2,100m³/h.
- C: Spiro pipe ø200
- D: AU2 funnel, placed immediately behind the exhaust pipe



SINGLE DUCT WITH MOTOR DRIVEN HOSE TROLLEY FOR CHANNEL DUCT

Channel duct system without return rail, but with motor driven trolley. When the hose is pulled down and the nozzle is connected to the car exhaust pipe, the fan is switched on automatically. The trolley is pulled forward by the hose connected to the exhaust pipe. When the trolley reaches the end of the duct, the nozzle is disconnected automatically, the fan turns off and the trolley returns to the starting point.



PNEUMATIC RELEASE SYSTEM

Pneumatic release system with automatic start/stop of the fan and compressed air nozzle, which is automatically released, when the trolley reaches the end of the channel duct.

The system is available with standard brackets, adjustable to any ceiling.

The compressed air nozzle fits perfectly on the exhaust pipe and is completely tight. The nozzle can be used in combination with a motor driven trolley for automatic return of the trolley.



INLET GUIDE

Channel duct system for fire engines with vertical exhaust pipes. The fan automatically starts as a function of excess pressure in the channel duct as a result of the exhaust gas from the fire engine.

The fan stays on for up to 59 minutes (adjustable). Horizontally sliding suspension makes driving to and from the garage effortless. Even if the vehicle is not completely parallel to the system, when driving into the garage, the channel duct will slide in the same direction as the vehicle.

The inlet guide is placed at the end of the channel duct. When parking the vehicle, the exhaust pipe of the vehicle must point in the direction of the inlet guide, and subsequently the channel duct will follow the exhaust pipe and remove the exhaust gasses.

The Channel Duct Systems are highly customizable – Enquire for further possible solutions.