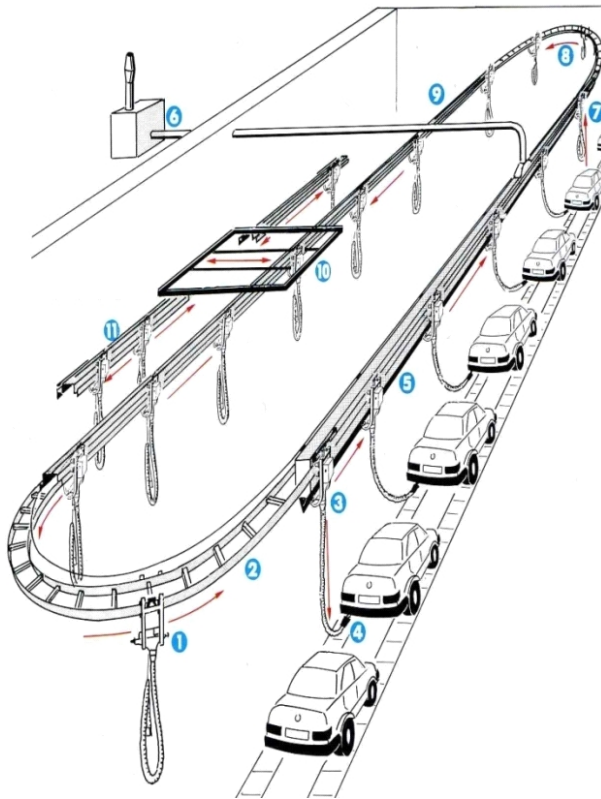
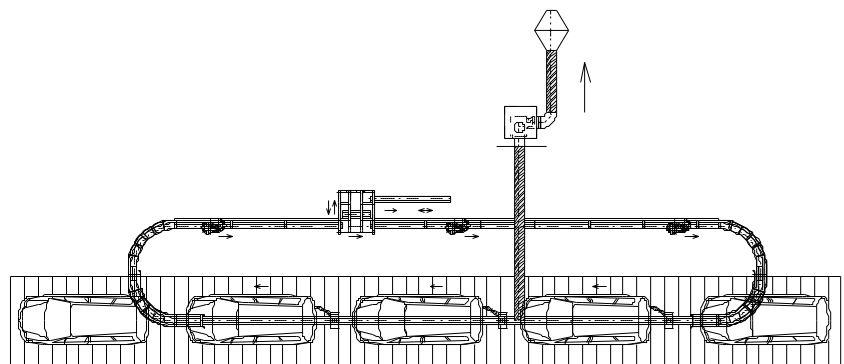


Full Automatic Exhaust System - "Loop Shape"



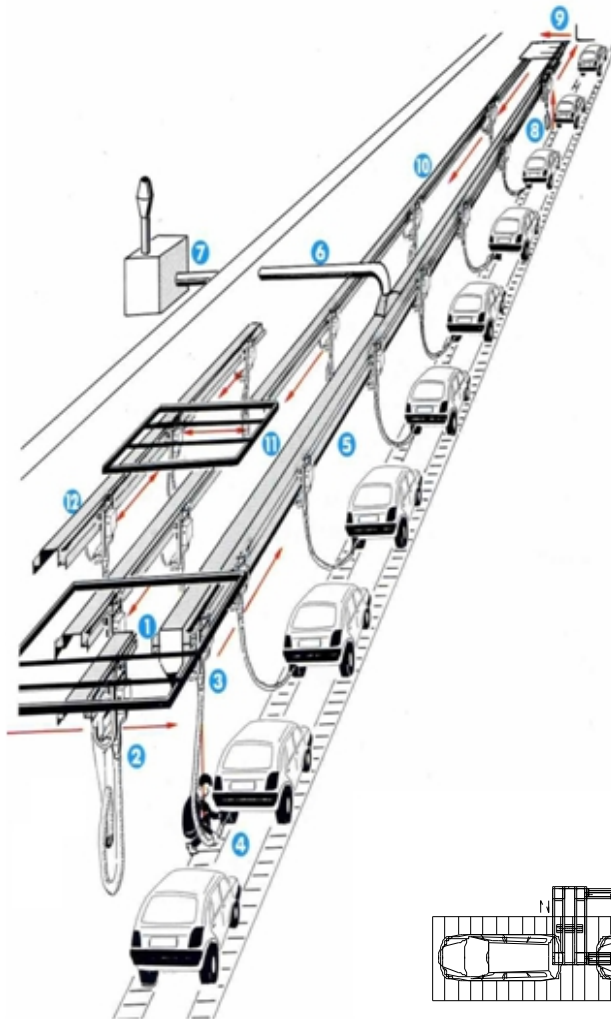
1. Calling a Hose Trolley
2. Return Rail Bend
3. Hose Trolley in Starting Position
4. Clamping Exhaust Nozzle to Exhaust Pipe
5. Aluminium Slotted Suction Channel
6. Suction Fan and Spiral Duct
7. Automatic Release of the Exhaust Nozzle
8. Hose Trolley Returns
9. Return Rail
10. Shifter for Maintenance
11. Maintenance Rail



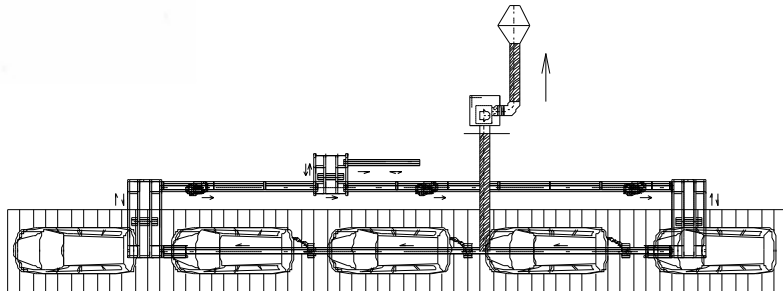
Exhaust Extraction System
on a Final Assembly Line



Full Automatic Exhaust System - "with Horizontal Shifters"



1. Entrance Shifter
2. Hose Trolley Automatically Transfer
3. Hose Trolley in Starting Position
4. Clamping Exhaust Nozzle
5. Aluminium Slotted Suction Channel
6. Spiral Duct
7. Suction Fan
8. Automatic Release of the Exhaust Nozzle
9. Shifter to the Return Rail
10. Return Rail
11. Shifter for Maintenance
12. Maintenance Rail

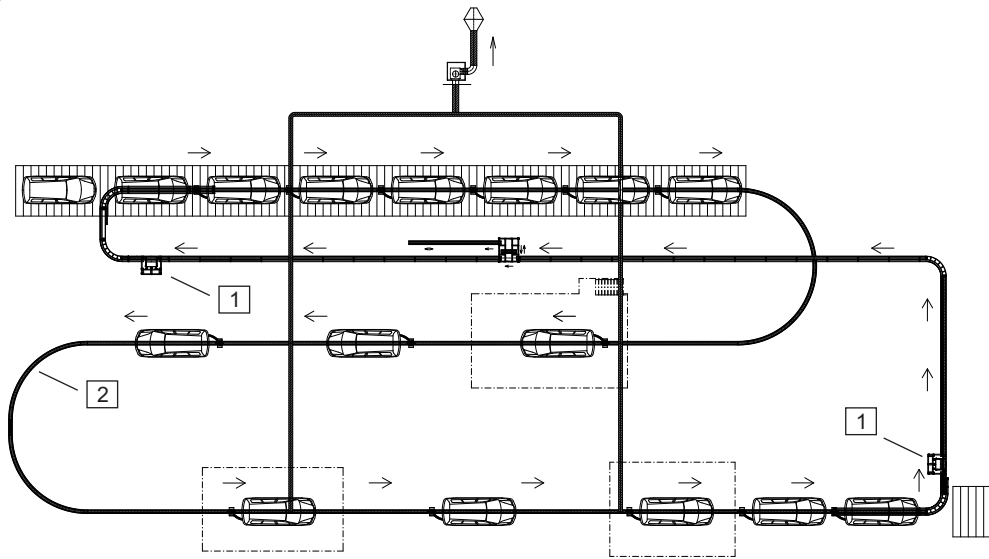


Full Automatic Shifter

Automatic Hose Trolley with Drive Unit and Motorized Hose Lift

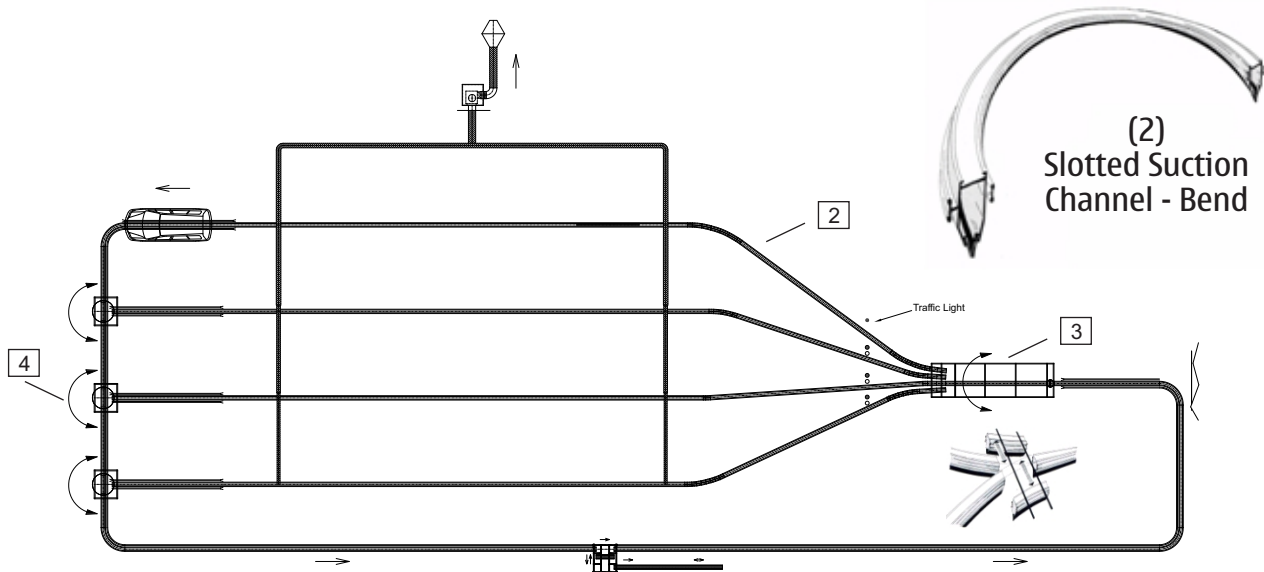


Full Automatic Exhaust System - "Customized"



1) Vertical Shifter

Final Assembly & Testing Line



Final Assembly & 4 Testing Lines

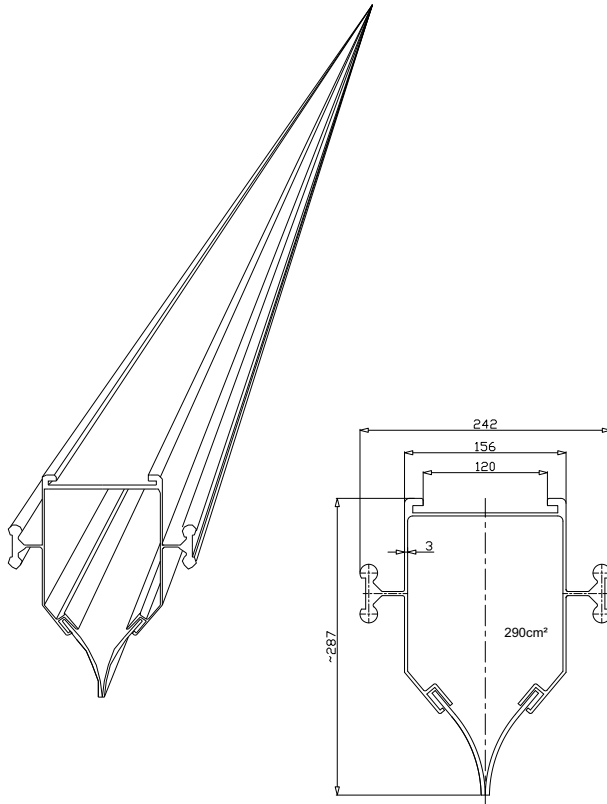


(4) Turn Table

(3) 4 Tracks - Shifter



Slotted Suction Channel



- Slotted Suction Channel made of extruded Aluminium with neoprene sealing lips.
- Any length available.
- Rated temperature up to 150°C • Weight: ~13kg/m

- Slotted Suction Channel - Bend
- Any Radius from 4,5m upwards available.

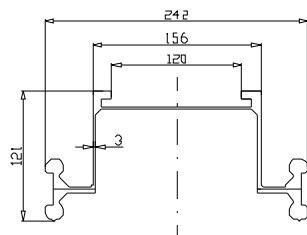
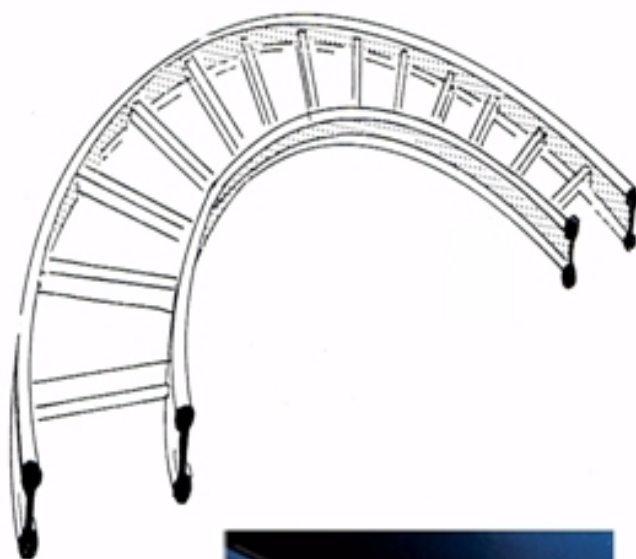
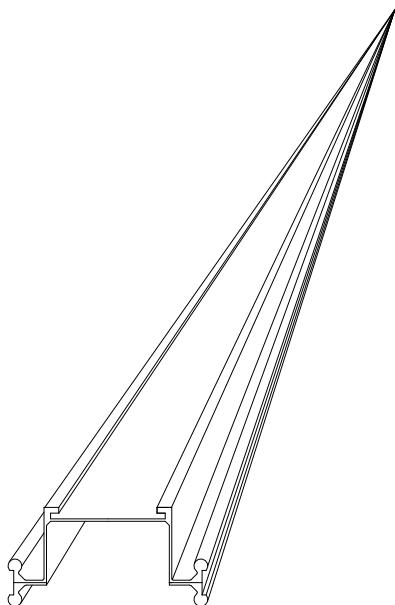


Slotted Suction Channel

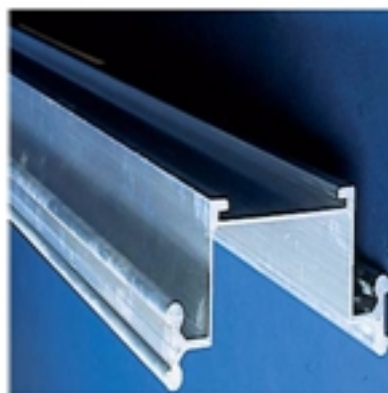


Slotted Suction Channel - Bend

Return Track



- Return Rail made of extruded Aluminium.
- Any length available.
- Weight: ~7,5kg/m

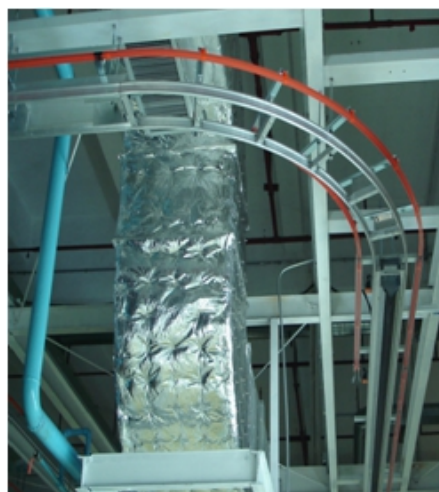


Return Rail - Bend

- Available radius: 1200 / 1500mm from 15° to 180°

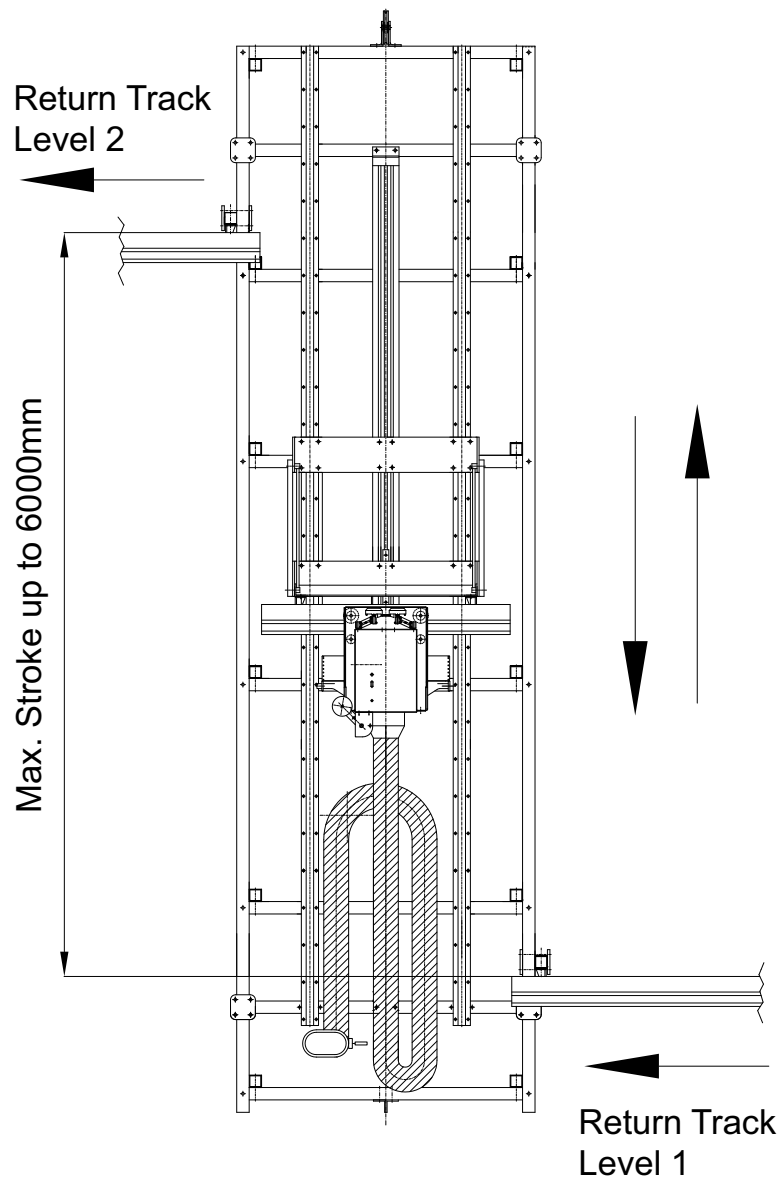


Return Rail with Bus Bar



Return Rail - Bend with Bus Bar

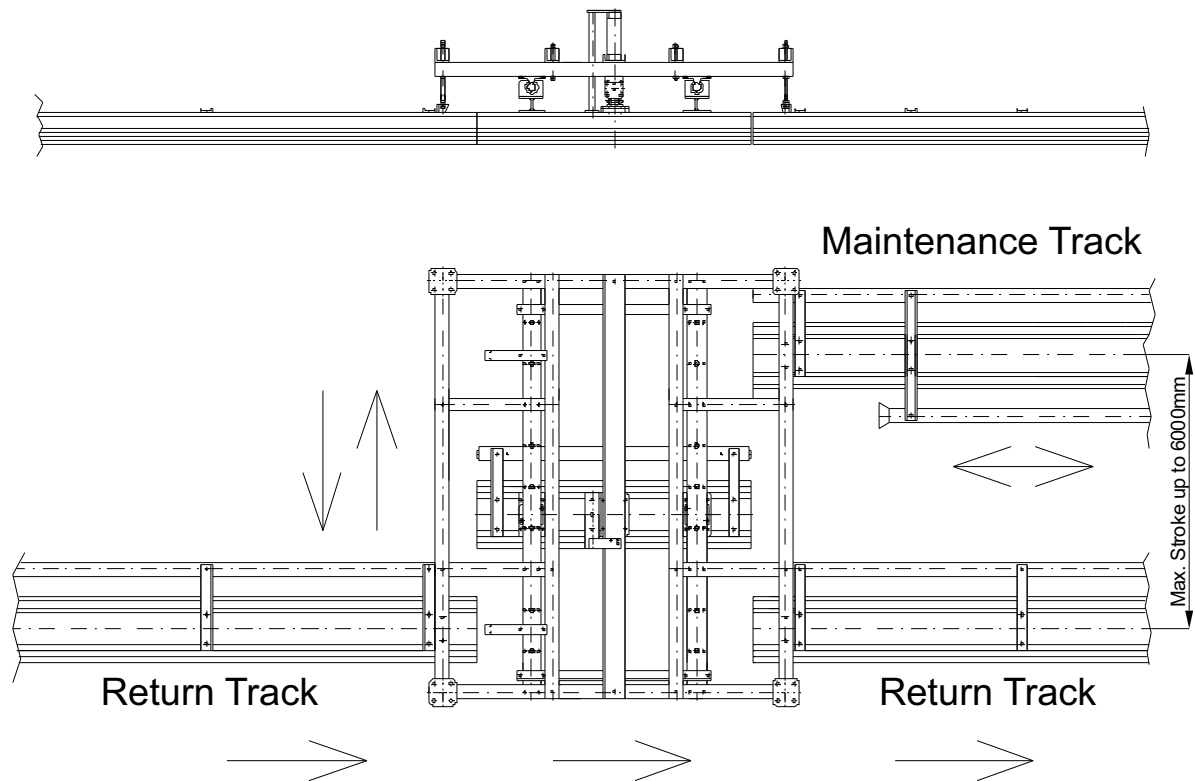
Vertical Shifter



- Full Automatic Vertical Shifter ensure the transfer of the hose trolleys between two return rails located at different levels.
- Facilitates an ergonomic installation into the automotive factories.
- Maximum safety due to two-ways locks, limit switches and overload protection.



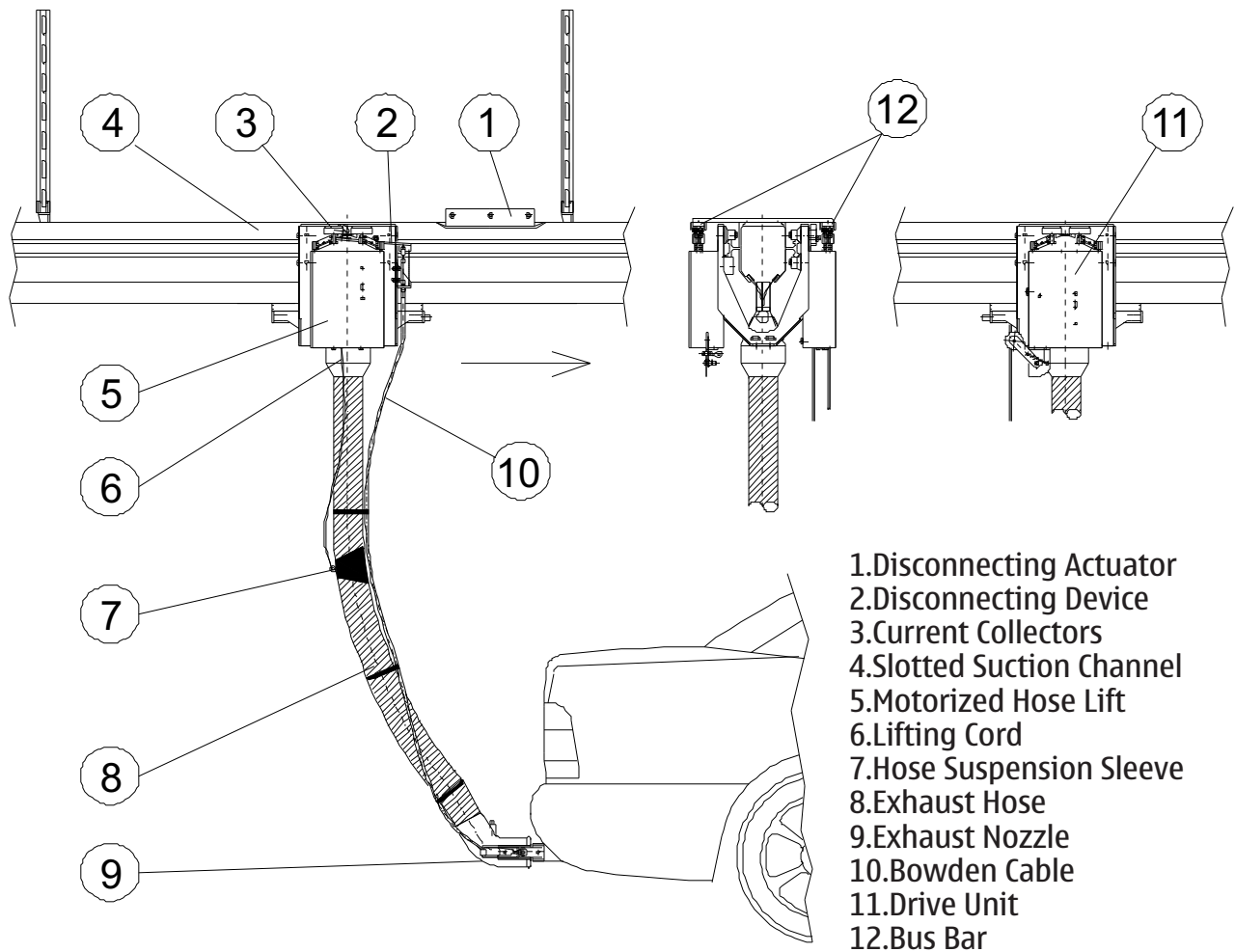
Horizontal Shifter



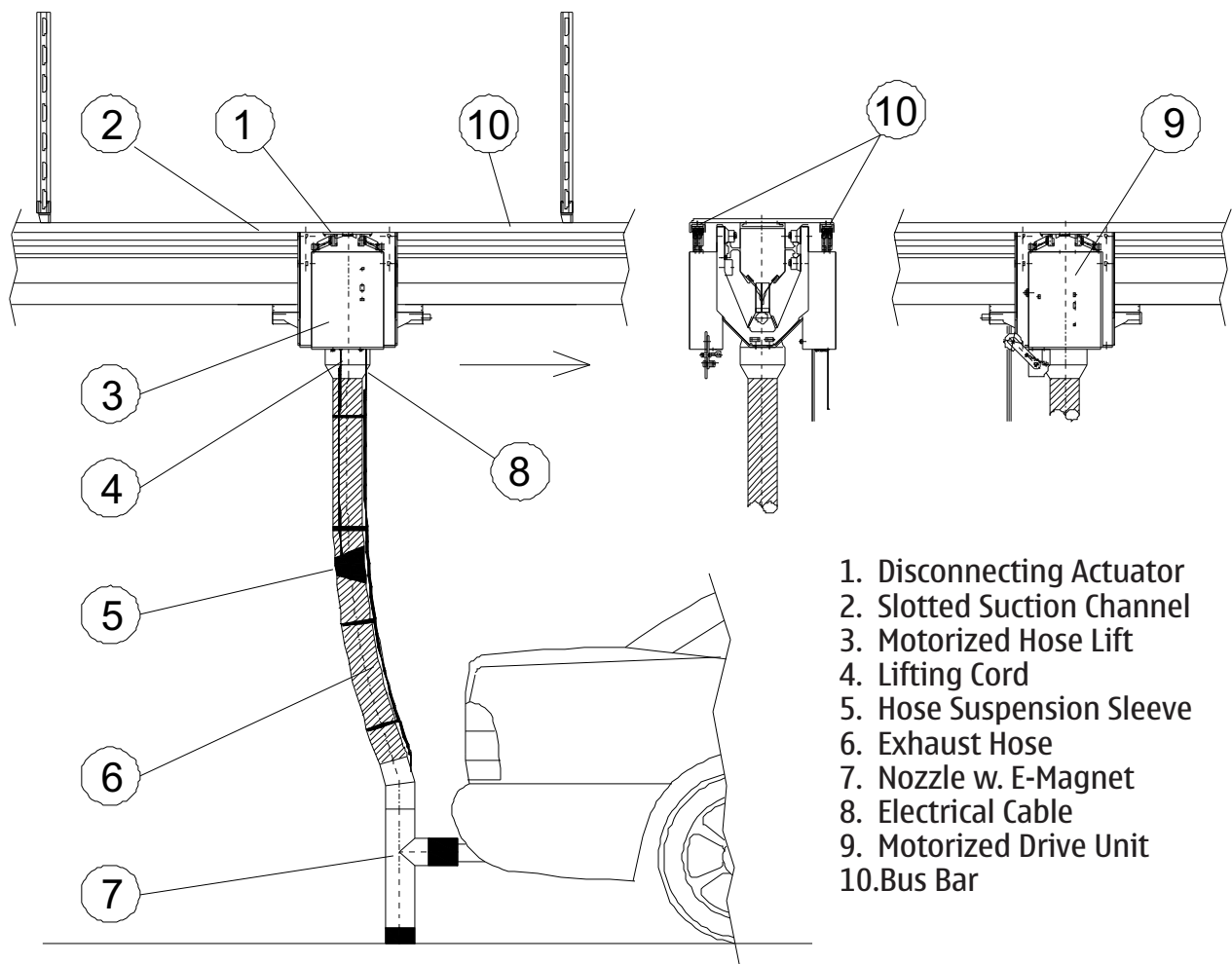
- Full Automatic Horizontal Shifter ensure the transfer of the hose trolleys between two or more suction ducts and/or return rails installed parallel to each other.
- Maximum safety due to two-ways locks, limit switches and overload protection.



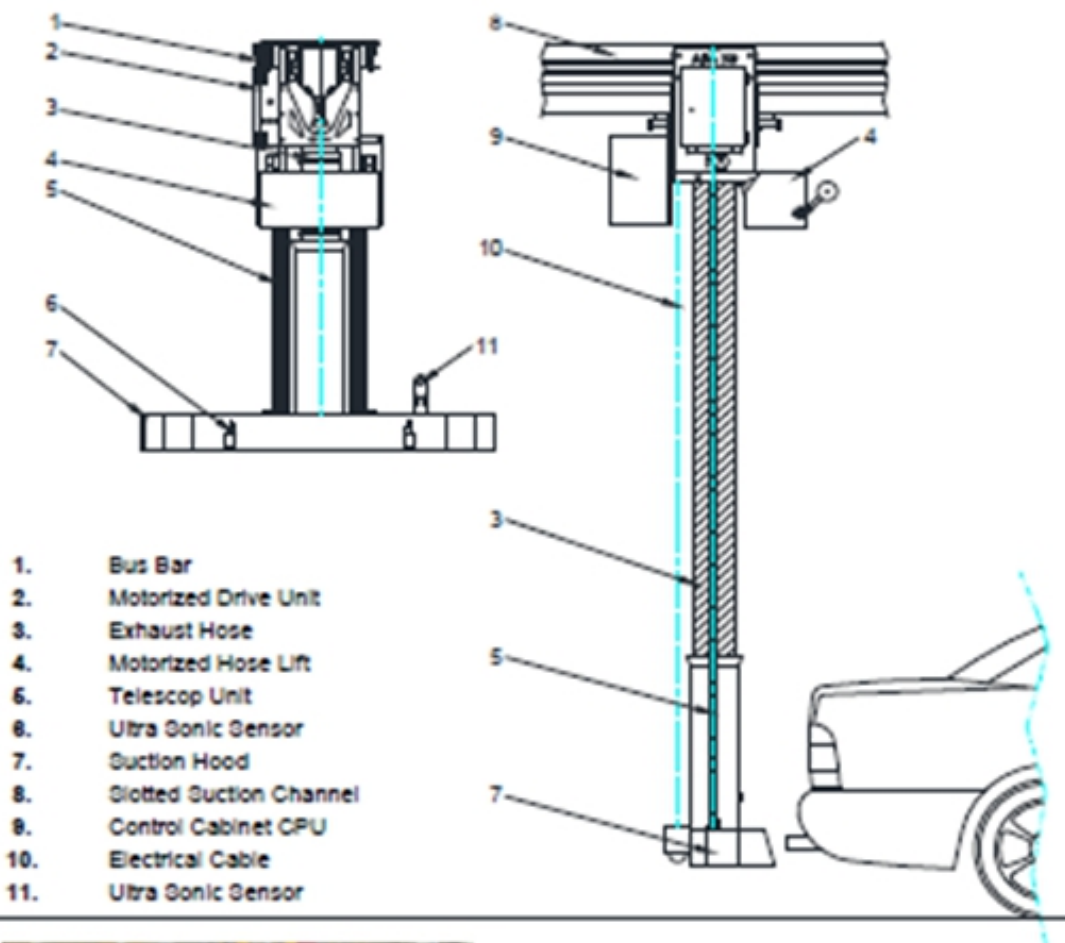
Automatic Hose Trolley with Clamping Connector



Automatic Hose Trolley with Clamping Connector



Automatic Hose Trolley with Telescopic Hood



Automatic Hose Trolley with Telescopic Hood

