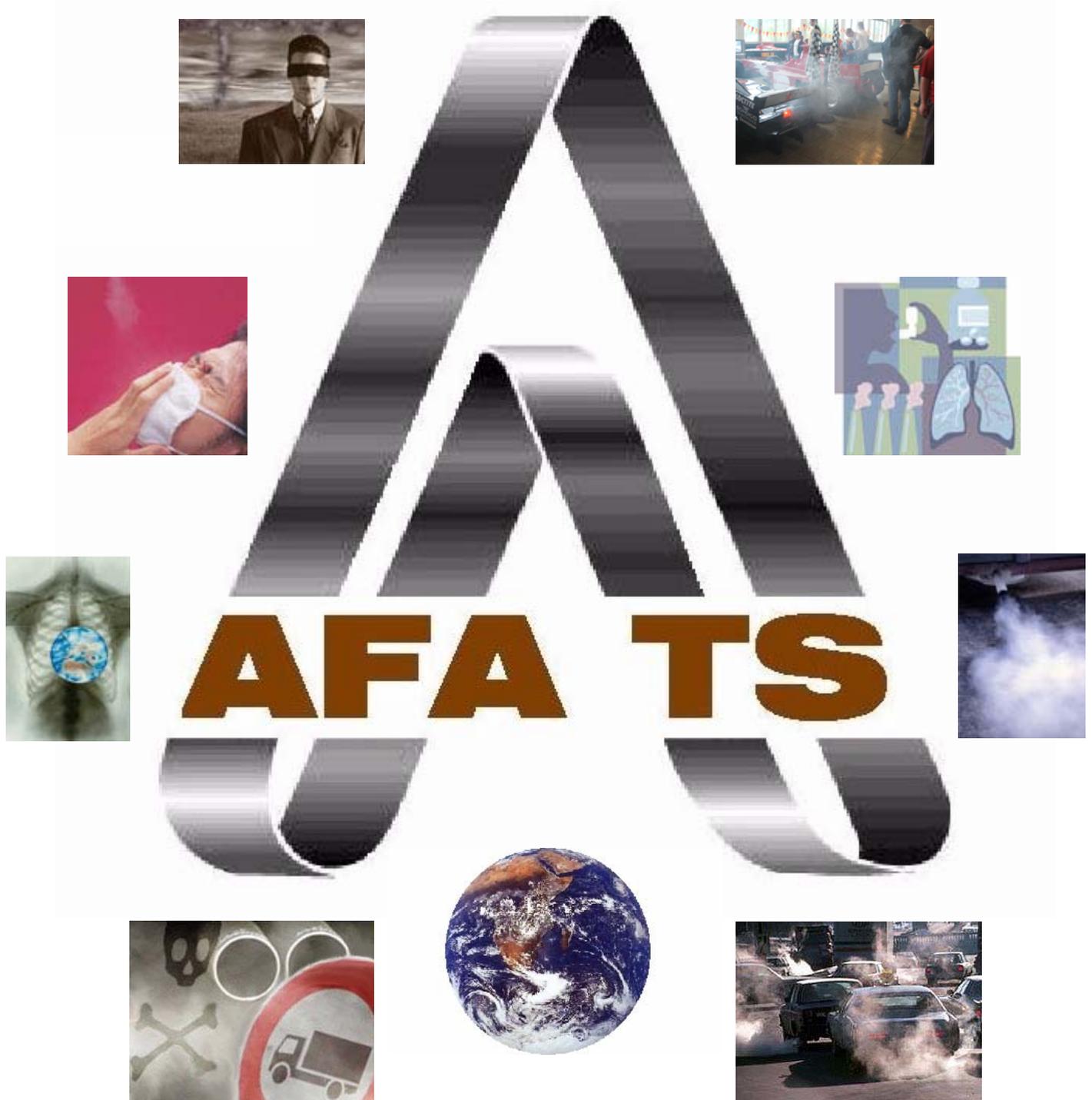


We care about you!

Exhaust Extraction Systems



AFA TS GmbH - Werner von Siemens Str.3 - D-72661 Grafenberg

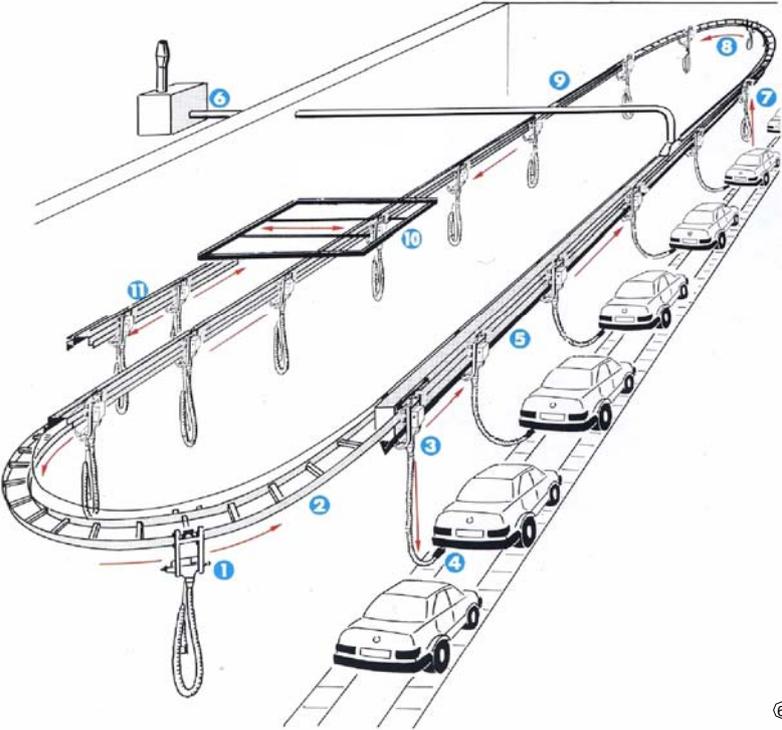
Phone: +49-(0)7123-97382-0 - Fax: +49-(0)7123-97382-90

E-Mail: mail@afa-ts.de - Web Site: www.afa-ts.de

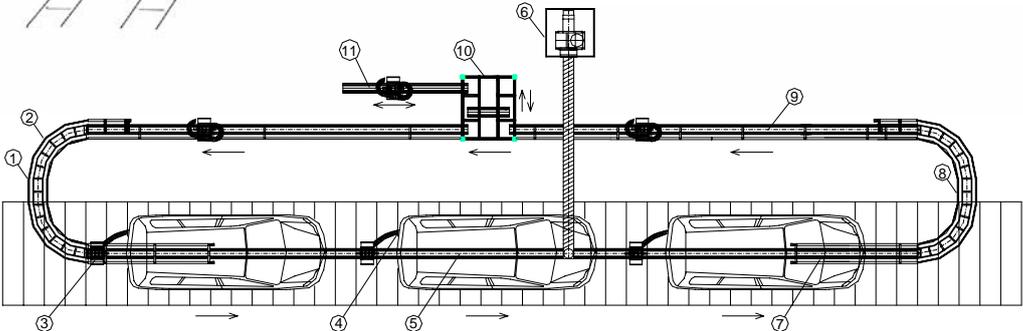


Full Automatic Exhaust Systems

Loop Shape



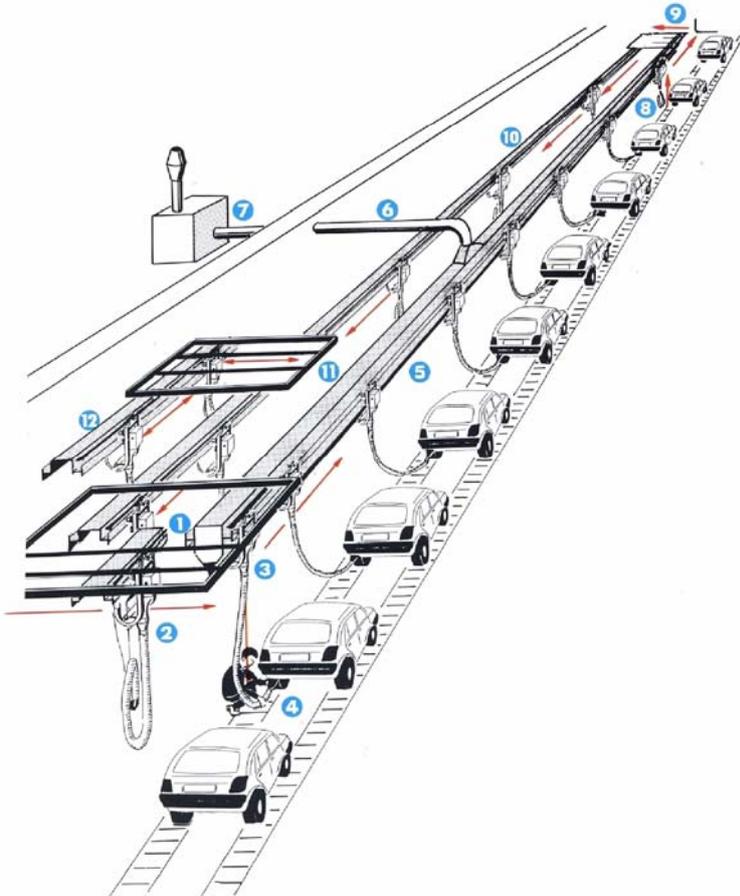
- 1 Calling a hose trolley
- 2 Return rail bend
- 3 Hose trolley in starting position
- 4 Clamping exhaust nozzle to exhaust pipe
- 5 Aluminium slotted suction duct
- 6 Suction duct
- 7 Automatic release of the exhaust nozzle
- 8 Hose trolley returns
- 9 Return rail
- 10 Shifter for maintenance
- 11 Maintenance rail



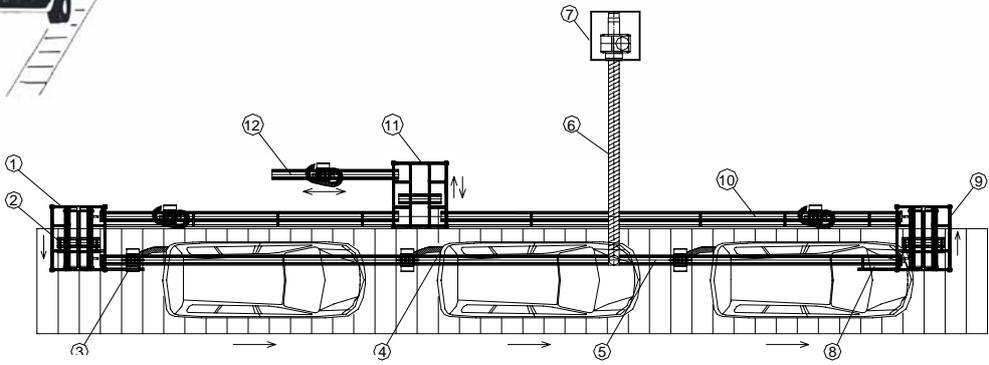
Exhaust Extraction System on a Final Assembly Line



Full Automatic Exhaust Systems 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 duct
- 6 Spiral ducting
- 7 Suction fan
- 8 Automatic release of the exhaust nozzle
- 9 Shifting to the return rail
- 10 Return rail
- 11 Shifting for maintenance
- 12 Maintenance rail



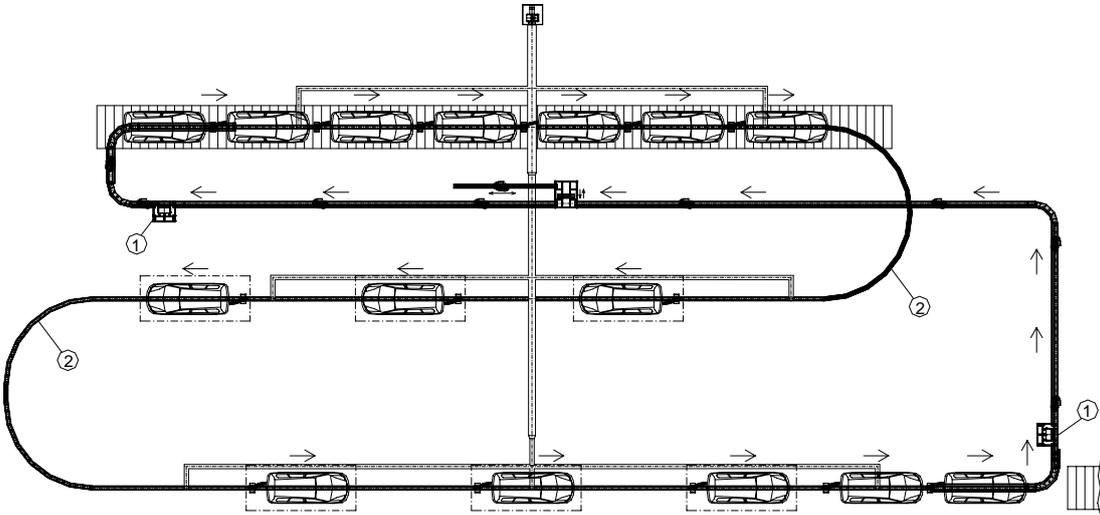
Full Automatic Shifter



Automatic Hose Trolley with Drive Unit and Motorized Hose Lift



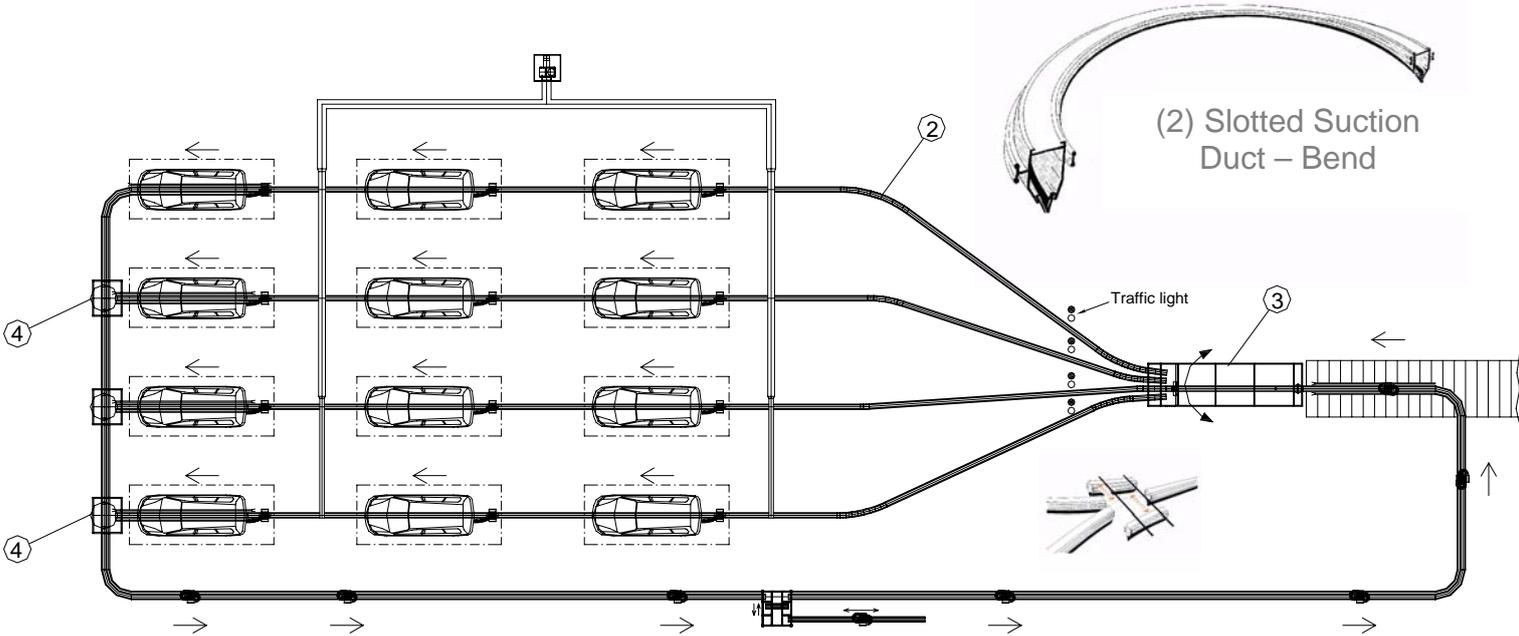
Full Automatic Exhaust Systems Customized



Final Assembly & Testing Line



(1) Vertical Shifter



Final Assembly & 4 Testing Lines

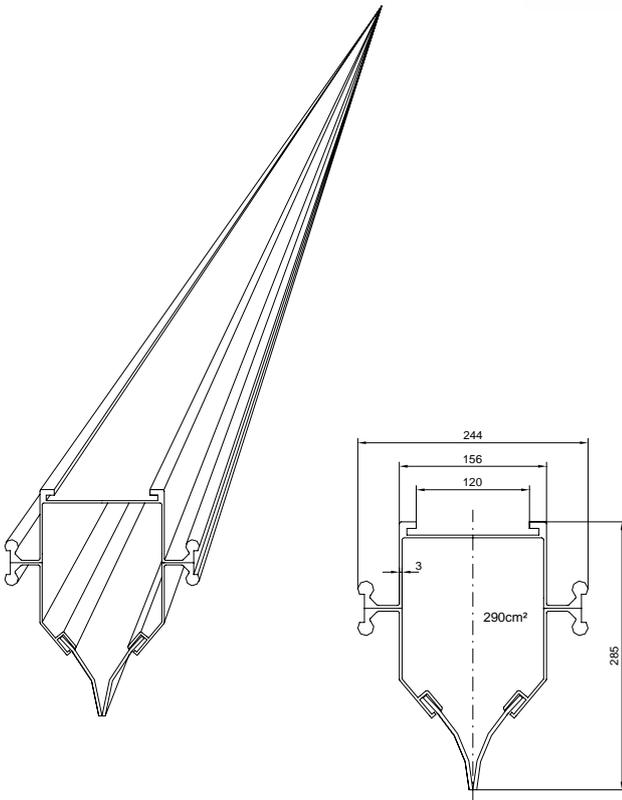


(4) Turn Table

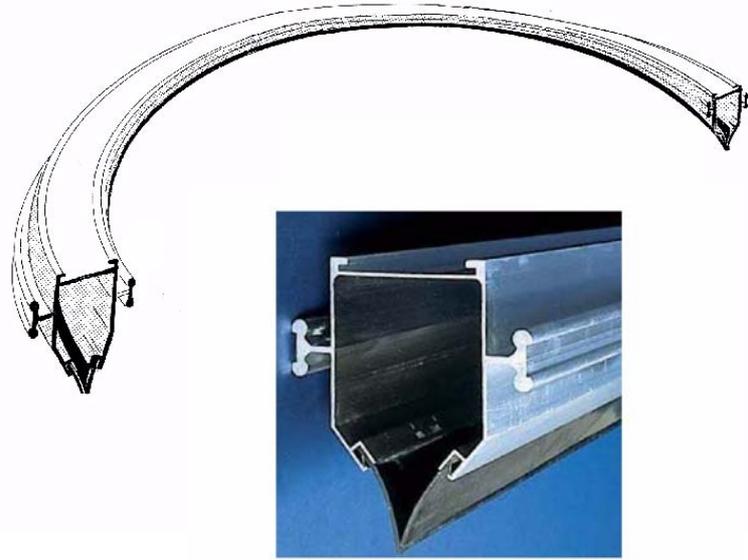


(3) 4 Tracks - Shifter

Slotted Suction Duct



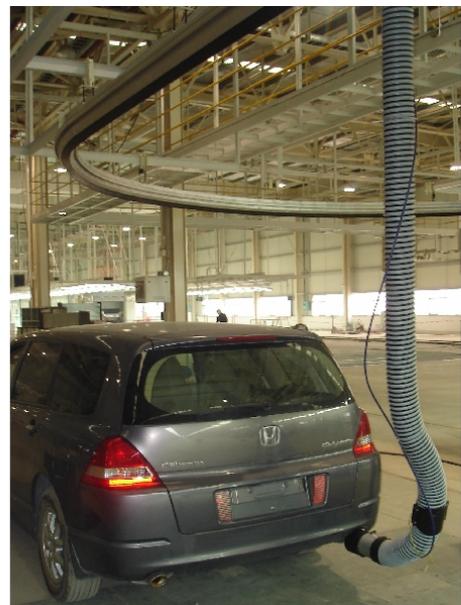
Slotted Suction Duct
made of extruded Aluminium,
with neoprene sealing lips.
Any length available.
Rated temperature up to +180°C
Weight: 13,2 kg



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

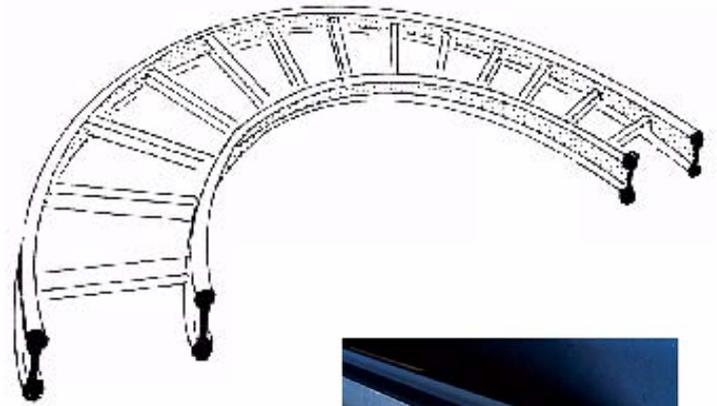
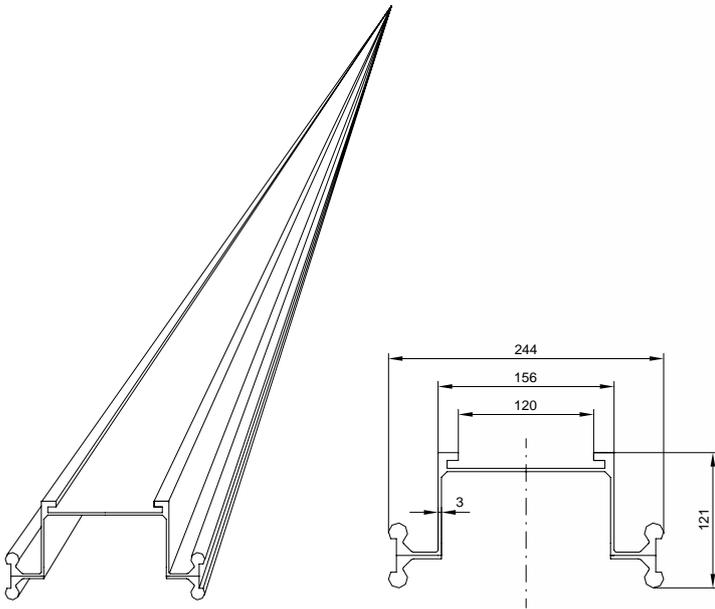


Slotted Suction Duct



Slotted Suction Duct - Bend

Return Track



Return Track

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

Return Rail - Bend
Available radius: 1.200 / 1.500mm
from 15° to 180°

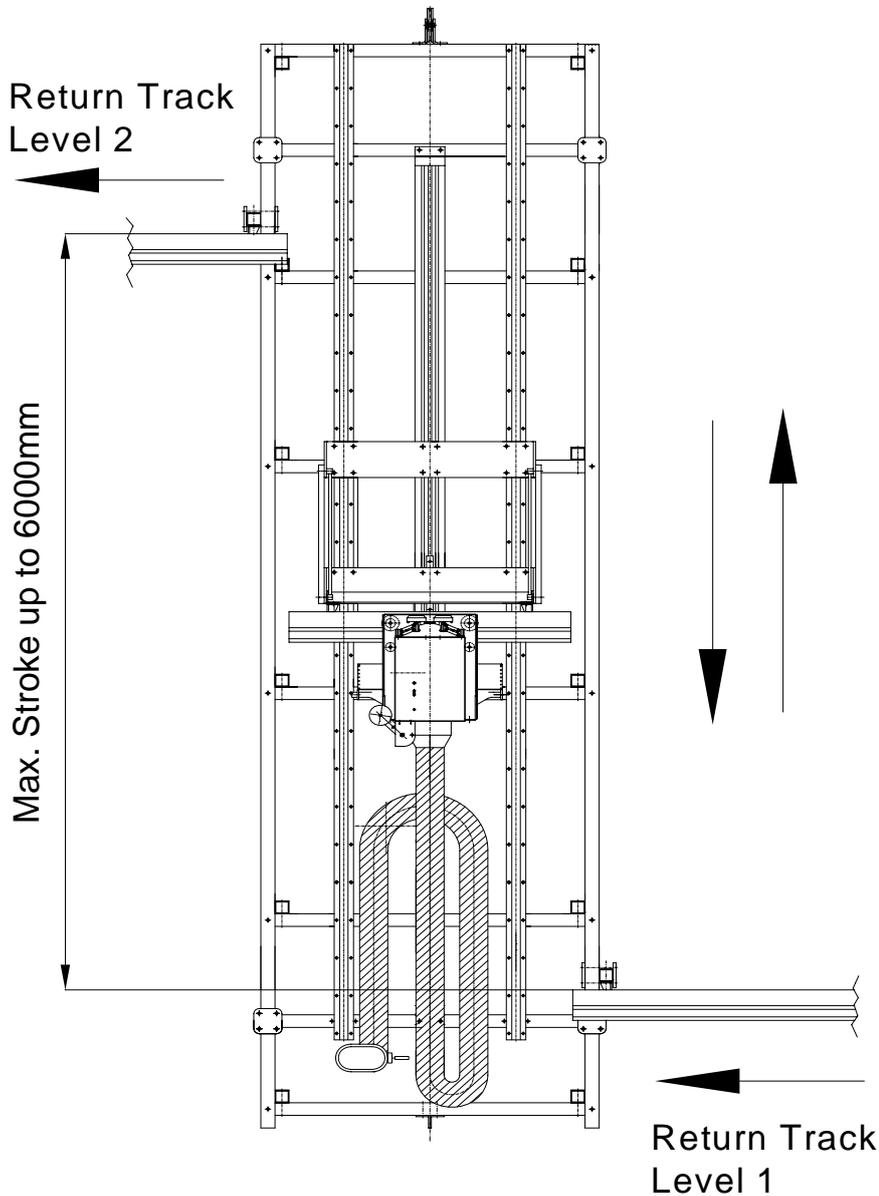


Return Rail
with Bus Bar



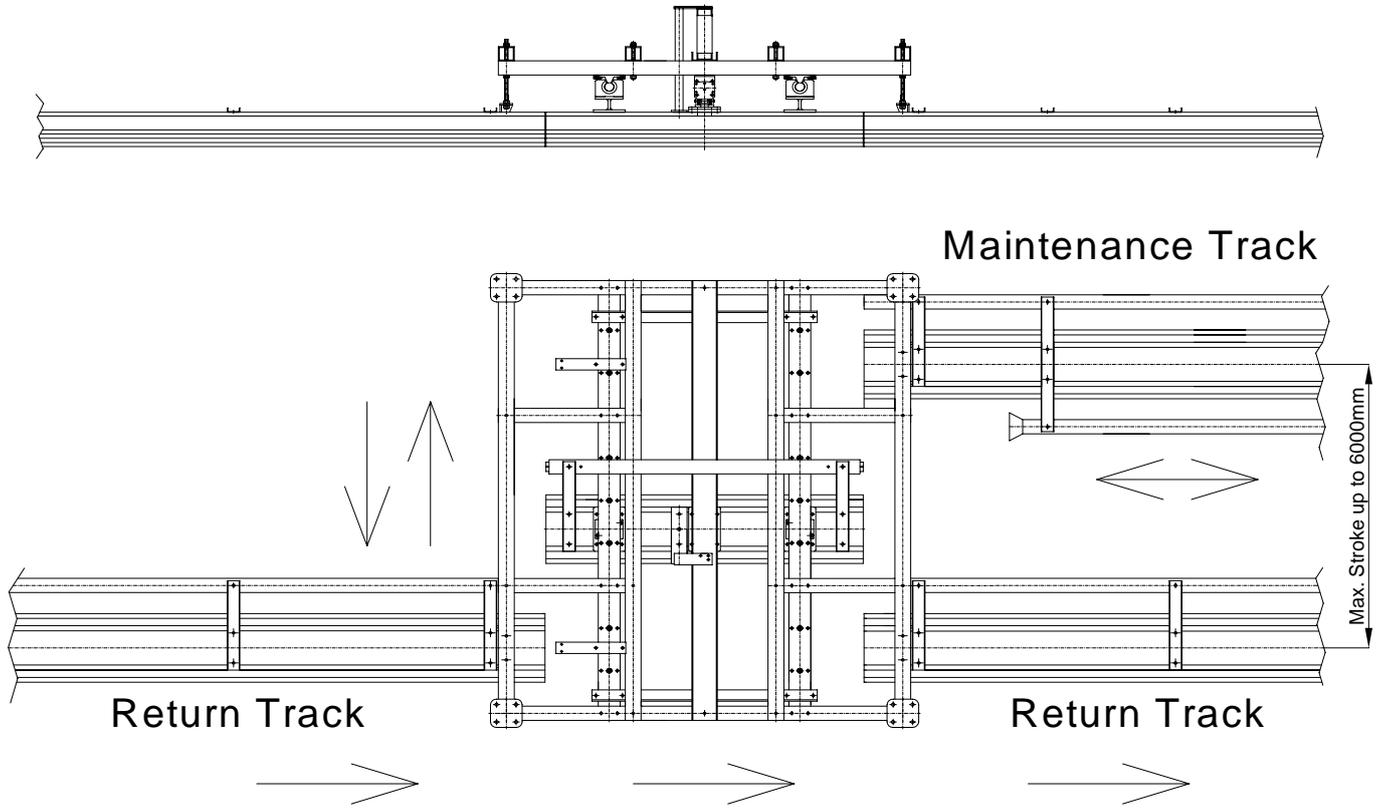
Return Rail – Bend
with Bus Bar

Vertical Shifter

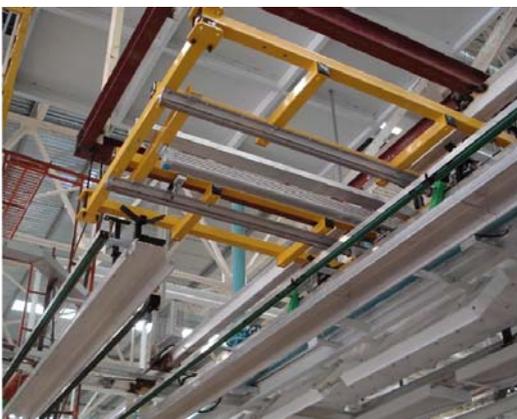


Full Automatic Vertical Shifter ensure the transfer of the hose trolleys between two return rails located at different levels. Facilitates an ergonomic installation into the automotive factories. Maximum safety due to two-ways locks, limit switches and overload protection.

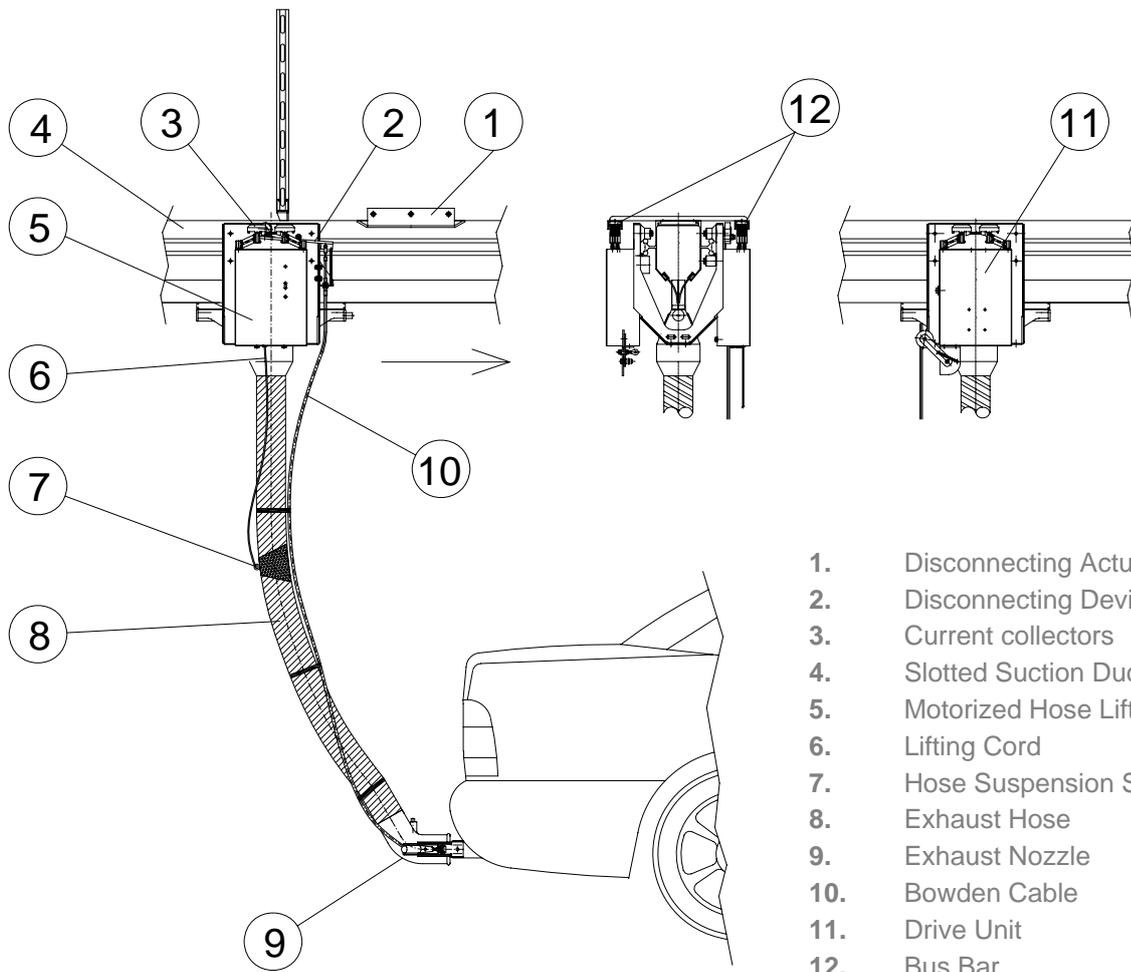
Horizontal Shifter



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.



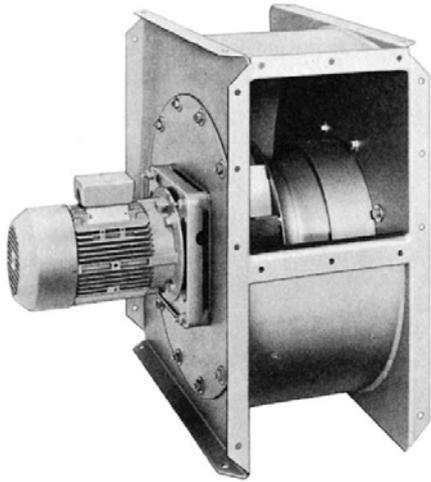
Automatic Hose Trolley



1. Disconnecting Actuator
2. Disconnecting Device
3. Current collectors
4. Slotted Suction Duct
5. Motorized Hose Lift
6. Lifting Cord
7. Hose Suspension Sleeve
8. Exhaust Hose
9. Exhaust Nozzle
10. Bowden Cable
11. Drive Unit
12. Bus Bar



Fan + Sound Damping Cabinet



Welded Steel Fans



Cost Aluminium Fans

Air Flow: max. 45.000m³/h
Pressure Drop: max. 11.200Pa
Motor Power: up to 22kW
Power Supply: 3~ 400V 50Hz
3~ 220/460V 60Hz
1~ 220V 60Hz

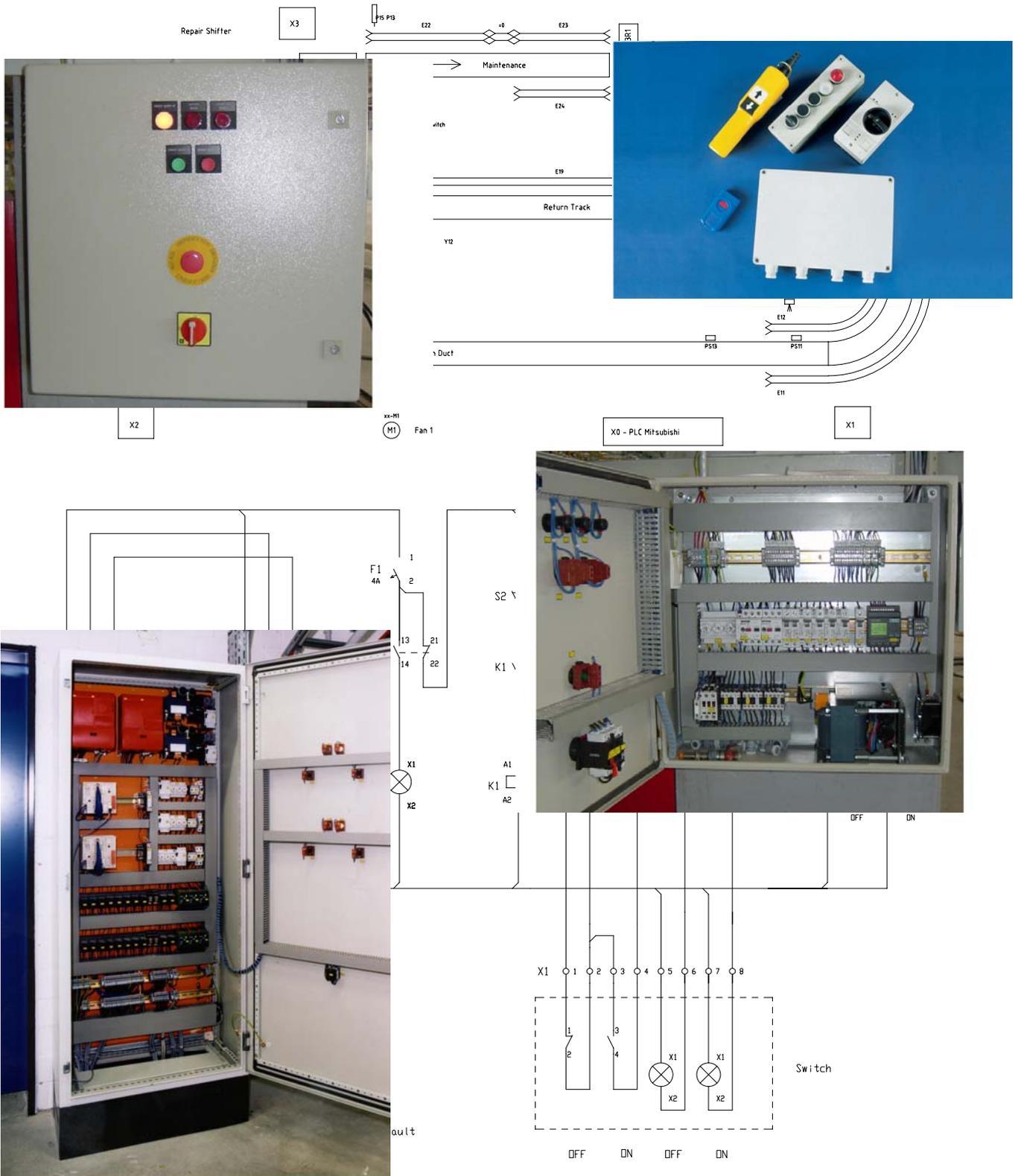


Sound Damping Box
for Fans



Fans installed in
Wether Proof Sound Damping Box on the Roof

Controllers



We design and manufacture the controllers according customer's demands and specifications.