

OVER/SSAK



Purpose

The OVER/SSAK extraction system is designed for exhaust removal of vehicles with the upper vertical stack exhaust pipe. The unit is used in garages for heavy vehicles of stable stationing place, i.e. fire-brigade depot and other emergency units, where absolute readiness for emergency action is required. Therefore the vehicle is entering the garage only with its rear part.

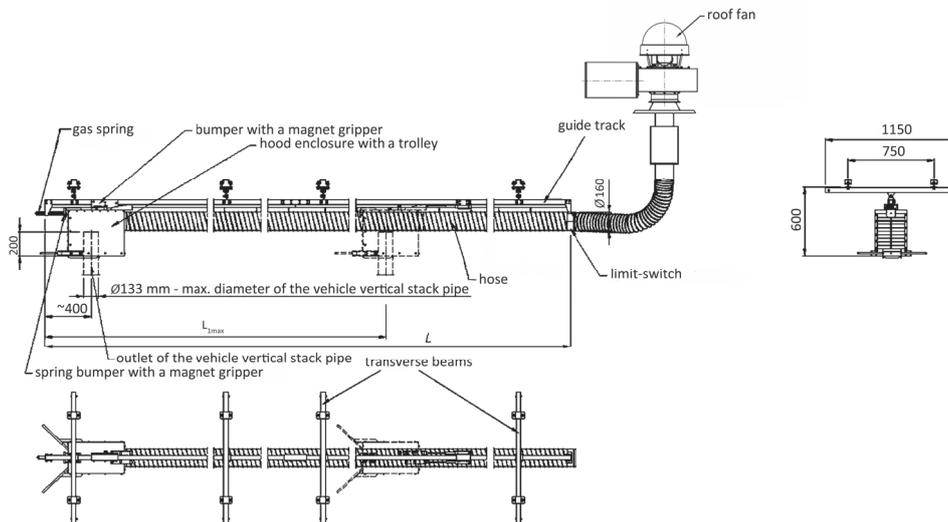
Structure

The OVER/SSAK system consists of a guide track – a profile with electrical cable, suspended under the ceiling and a trolley (with a

hood enclosure) that is displacing with its hose along the guide track. While the vehicle is entering the garage bay, the hood enclosure is connecting with the vertical exhaust stack and farther this exhaust stack is pushing the trolley (and shrinking the hose) along the guide track. The guide track is adjusting itself (to the stack cane) moving laterally on the transverse beams. The on-drive tolerance of the vehicle is 150 mm left and right from the guide track axis. The springs at the transverse beams enable the guide-track side adjusting movement.

The movement of the hood enclosure is absorbed by a gas spring at the termination of the guide track. Additionally, at the hood enclosure is installed a bumper with a magnet-gripper that keeps the hood in the limit position.

Exhaust extractor OVER/SSAK working with a roof fan



Technical data

Type	OVER/SSAK-6	OVER/SSAK-9	OVER/SSAK-12	OVER/SSAK-15
Part no.	804090	804091	804092	804093
Recommended volume flow at the suction funnel [m ³ /h]	1200-1500	1200-1500	1200-1500	1200-1500
Flow resistances [Pa]	1200-1600	1500-1900	1800-2200	2100-2500
Length of the guide track L [m]	6	9	12	15
Range of active movement of the hood enclosure L _{1max} [m]	4,2	6,5	8,7	11
Weight [kg]	59	74	89	104
Thermal resistance of the exhaust hose [°C]	200	200	200	200