

# Case Story

## Exhaust Rail System 920/1500 in public bus station (PL)

### Situation

More than 200 buses per day are served at the Gliwice public bus station in Poland. Various brands – VOLVO, MAN, DAB, IKARUS, JELCZ – and sizes of buses are in use. The main problem was the variety of vehicle lengths and exhaust pipe positions. The many types of exhaust pipes was also a problem. Some of the exhaust pipes have now been modified to one standard, so that using a standard nozzle is possible.

### Solution

Exhaust Rail System 920/1500 “stationary” was installed in the repair area, the diagnostic area, and at all existing (stationary) places where the bus engine is kept running. A total of 19 systems, with various lengths of rail and each with a 5 m, Ø150 mm hose, have been installed.



Exhaust Extraction System FLOWLINE was installed in the daily service hall. After a shift, each bus is cleaned and tested (technical test) in this area. The work requires a rail system with return track and extraction units equipped with drive unit, hose hoist and, of course, automatic disconnection. There is an ultrasonic sensor installed to prevent collision between a bus and an extraction unit.



### Benefits

The Nederman brand is known as a good solution, as products with modern construction and design. The customer expects very good efficiency, quality and lifetime. In addition, being able to offer FLOWLINE with motorized return of extraction units and other special features was an advantage over our local competitors.