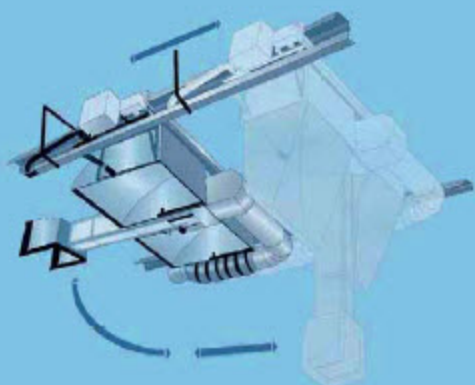


Solutions for:  
Cars  
Trucks  
Commercial  
Vehicles  
Special  
Vehicles  
Diesel  
Locomotives  
Special

**NORFI**

CONTACTLESS -  
SYNCHRONOUS -  
TELESCOPIC  
EXTRACTION SYSTEM

**Leaders in  
advanced  
technology..**



**Dynamometer truck  
and auto exhaust  
extraction system.**

Sensors are used to  
guide the extraction  
nozzle to the precise  
position of the  
vehicle exhaust to  
remove the  
contaminants during  
testing.



**Telescopic  
Extraction**

This system follows  
the vehicle during  
assembly and test.  
It is fully automatic,  
no manual operation  
is required.

**A fully automatic exhaust extraction  
system for trucks and cars during vehicle  
test cycle. Sensors position the extractor  
in the exact location of the vehicle  
exhaust to remove the contaminants.  
Once the cycle is complete, the extractor  
returns to the original position ready for  
the next vehicle. No manual operation is  
required.**

**Telescopic system with vertical  
positioning senses the vehicle as it  
enters the dynamometer test area. The  
extractor, when fully extended, is  
positioned behind the vehicle to remove  
the exhaust fumes. When the testing is  
complete, the extractor returns to it's  
original position ready for the next  
vehicle to enter. The telescope extractor  
automatically adapts to any type of  
vehicle with out making any physical  
contact. No manual operation is required.**



## We have the solution



As the vehicle drives into a test area, a telescopic arm is positioned exactly at the exhaust of the car. The vehicle starts in motion, and the exhaust system follows independently. No manual operation is required.

### Synchronous extraction system

The contact-less extraction system identifies the vehicle and moves in synchronization to extract the exhaust. No manual operation is required.

NORFI is leading the way in advanced technology for the removal of vehicle exhaust. With the development of the non-contact extraction system, removal of the exhaust gas is considerably simplified. The result: a better work environment, greater safety, and above all, no manual operation is required. This is made possible with the NORFI vehicle detection and positioning system. Through sensors, it detects the vehicle and the exhaust extraction system removes the contaminants. Thanks to the continuous monitoring of sensors, the system can adapt to any movement of the vehicle during continuous operation. The vehicle detection and positioning system and the non-contact system keeps NORFI miles ahead of the competition.

### Telescopic handlers with contactless detection NORFI Positioning System

If the system senses a vehicle in motion, the exhaust extractor, at a pre-set distance will track the vehicle synchronously and adjust to the speed of the vehicle. The telescopic extraction unit is freely programmable and has synchronous control with distance monitoring and infinitely variable speed control. The system is also equipped with an electric lift and a collection tube cover for various types of vehicles.

This promise is valid for all NORFI products.



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NORFI stands for over 30 years expertise in the field of extraction technology. With an experienced staff and a depth of knowledge, we have the right solution for your needs.

NORFI supplies extraction equipment for pollutants generated by cars, trucks, motor cycles, diesel locomotives and industrial vehicles.

From standard solutions to customized products, with planning and implementation through a wealth of experience. NORFI has the advantage in extraction technology.

## Always a step ahead...

Cars	Trucks			NORFI Products have no limitations
Special Vehicles	Motorcycle			
Diesel Locomotives	Special Ventilation Projects			