



Exhaust-gas aftertreatment systems for short- and long-haul traffic

Put your trust in the SMF® when retrofitting your vehicles and benefit from our many years of experience in the business. Throughout Europe, thousands of trucks have already been successfully retrofitted with HJS particulate filters. All systems meet the statutory requirements and are certified in accordance with the valid licensing regulations, such as Annex XXVII in Germany and VERT in Switzerland, and are approved in Denmark, Italy, the Netherlands, the UK and the USA.



SMF® system for Commercial Vehicles



Diesel Particulate Filter for Trucks

Emission Technologies for European markets

INFO-HOTLINE

+49 2373 987-222

sales@hjs.com

sales@hjs.com

Last update 03.09.2012

© HJS 2012
HJS Emission Technology GmbH & Co. KG
 Dieselweg 12 · D-58706 Menden/Germany
 Phone: +49 2373 987-0 · Telefax: +49 2373 987-199
 E-mail: hjs@hjs.com · Internet: www.hjs.com

HJS
 Emission Technology

26.03.5231

www.hjs.com

HJS
 Emission Technology

Green Technology



Solutions suitable for Low Emission Zones

HJS offers a comprehensive range of particulate filters and denox systems suitable for both original equipment (OE) and retrofitting in all types of diesel engines. The unique, low maintenance and high performance technologies (SMF® – Sintered Metal Filter and SCRT® – Selective Catalytic Reduction Technology) achieve the different European LEZ specifications as well as the stringent emission levels set by the EEV-standard.

HJS is Europe's foremost manufacturer and innovator of emission control equipment and has been certified in several European countries for applicable technologies. For more than 30 years, the company has been engaged in the development, production and marketing of modular systems for reducing pollutant emissions, and was one of the first companies that passed TfL's (Transport for London) strict guidelines, for example.



Unbeatable

First service after 200.000 km

The right system for your requirements

The centrepiece of all HJS exhaust aftertreatment systems is the sintered metal filter (SMF®). This closed filter for trucks reduces the emission of soot particles, including ultra-fine particulate matter, by almost 100 per cent.



SMF® – the centrepiece of all HJS systems

- ✓ **Minimal downtime**
Quick and simple installation – replaces OE silencers
- ✓ **Extremely low-maintenance**
3 to 4 times more mileage than with a ceramic filter
- ✓ **Low servicing costs**
Filter cleaning simple and quick to carry out on your own premises – using a commercially available high-pressure cleaner

Comparison of maintenance characteristics

HJS sintered metal filter (SMF®)

1st service after approx. 200.000 km

Ceramic filter



(poss. filter module replacement)

Maintenance intervals depending on the driving pattern and oil consumption of the engine.
Applies to HJS systems with uncoated filters (SMF®) and vehicles that are used in long-distance transport.
(In adherence to the technical HJS specifications)

Unrestricted Mobility



Low Emission Zones

There are many Low Emission Zones (LEZs) in 10 European countries with different regulations. Three of them are:

Berlin, Germany

From 1 January 2010 onwards all diesel vehicles must meet the Euro IV emission standard and have a green sticker displayed in the windscreen to enter the city. The sticker is then valid for all LEZs in Germany. Foreign vehicles are also enforced and are required to buy a sticker.



London Low Emission Zone (LEZ), UK

Since 3 January 2012, trucks have to fulfil the Euro IV emission standard to drive into and around London free of charge. Trucks that are registered abroad will have to register with Transport for London (TfL) before they enter the zone.



København (Copenhagen) & Frederiksberg, Denmark

From 1 July 2010 all heavy duty vehicles over 3.5 tonnes must be at least Euro IV or fitted with a particulate filter. Vehicles need to have an LEZ sticker in the windscreen. Foreign vehicles are also affected.



HJS's systems have all the necessary certification in these countries. Many other countries also offer financial incentives to retrofit diesel particulate filters. Please contact your local HJS partner for information.