

Specialists in NRMM Stage 5 Emissions Compliance

Stage 5 Retrofit
Solutions For Smaller
Plant & Machinery



Achieve Stage 5
compliance in a simple,
cost-effective way

**Available for EU
Stage 3a, 3b, IV:**

Telehandlers

Excavators

Cherry Pickers

Forklift Trucks

Dump Trucks

Access Platforms

Compressors

Mini Cranes



**STAGE 5
CERTIFIED**

FAQ'S

1. What does it do?

The SMF-ER Diesel Particulate Filter reduces PM10 particles (black soot).

2. Will this result in NRMM compliance, for example in London?

Yes, it will provide Stage 5 compliance for 3a, 3b and Tier IV engines from 37-56 Kw.

3. What applications do you have?

The filter systems can be adapted on to almost all NRMM applications.

4. How does the filter keep clean?

Cleaning is carried out very easily by the owner / operator, using a pressure washer and water.

There is no expensive off-site maintenance, and no electronic components!

5. How will the authorities know I have this fitted?

Following installation, we issue an official compliance certificate as required by all relevant authorities. The product is fully approved under the GLA NRMM scheme, and with Energy Saving Trust.

6. How is the filter installed?

We offer on-site installation or in many cases you may be able to self-install.





Simple & Effective

Summary

This is **THE** low-cost solution for diesel engine NRMM operating in low emission zones or emission-sensitive areas.

The SMF®-ER Diesel Particulate Filter is designed to eliminate over 99% of the hazardous particulate fumes from diesel plant and machinery.

It is fully compliant with the GLA NRMM 2025 regulations and is certified with the Energy Saving Trust / CVRAS retrofit scheme. It is the ideal solution for engines operating with lower exhaust temperatures, or for short term or temporary use.

The filter assembly has an advanced modular construction which allows the patented sintered-metal filter element to be easily removed, and cleaned with a pressure washer and water.

- Fully certified by Energy Saving Trust & VERT
- High soot storage capacity
- Over 99% PM10 filtration efficiency for Stage 5 compliance
- Minimal operating & ownership cost
- Adaptable to most mobile and static diesel plant & machinery
- Easy cleaning with a pressure washer & water
- No throw-away paper elements or expensive regeneration procedures

Case Studies



Genie Z45

Originally Stage IIIA

SMF-ER installation completed

 **Now Stage V compliant**



Manitou 625

Originally Stage IIIB

SMF-ER installation completed

 **Now Stage V compliant**

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