Enquiry Form Exhaust Aftertreatment Systems
for Mobile Machinery

To enable us to make you a preliminary quote, please fill in this Enquiry Form and send it to:

HJS Emission Technology GmbH & Co. KG
Fax **+49 2373 987-209**
E-Mail **mobile-maschinen@hjs.com**

Company*			
Contact*			
Street/No.*		Postcode/Town*	
Phone*		Fax	
E-Mail			

*Mandatory fields

Machinery manufacturers*		Machinery type*			
Engine manufacturer*		Motor type*			
Year of construction		Engine capacity [cm³]		Engine running time/annum [op. h]	
Power output [kW]*		Engine speed [rpm]		No. of cylinders	

Vehicle voltage* 12 V ☐ 24 V ☐ Turbocharger* yes ☐ no ☐

Exhaust gas recirculation EGR* yes ☐ no ☐

Emission class*

EU directive on emissions from non-road mobile machinery Stage I ☐ Stage II ☐ Stage III A ☐ Stage III B ☐ Stage IV ☐

U.S. EPA nonroad regulations TIER 1 ☐ TIER 2 ☐ TIER 3 ☐ TIER 4 interim ☐ TIER 4 ☐ other

Fuel (if different from DIN 590 Diesel)*

Max. permissible exhaust backpressure [mbar]* Max. exhaust-gas temperature [C°]

Description of the application range (e.g. wheel loader for excavation work, forklift truck for logistics work, stationary applications,

Operating times [%] Idle Part load Full load

HJS Emission Technology GmbH & Co. KG
Dieselweg 12 D-58706 Menden/Sauerland
Phone +49 2373 987-0 Fax +49 2373 987-199
E-Mail hjs@hjs.com Internet www.hjs.com

Fill in following fields only when placing an order:

Company*

Contact*

Technical Data

Motor oil (we recommend low-ash oils) Manufacturer | Type | Consumption [l/100 Op. h]

Max. exhaust mass flow/volume flow rate [kg/h] / [m³/min] | PM emissions [g/h, g/KWh]

NO_X emissions [g/KWh] | For stationary application (engine speed/load range)

Max. permissible surface temperature of exhaust-gas aftertreatment system [°C]

Diameter of exhaust pipework at future DPF position [mm]

Internal exhaust-gas recirculation ☐ External exhaust-gas recirculation ☐ No exhaust-gas recirculation ☐

Data for a SMF® system

Exhaust-gas temp. measurements over min. 30 op. h available

yes[1] ☐ no[2] ☐

[1] Temperature measurement data under all application conditions over a period of approx. 30 h engine running time.

The temperature measurements must be taken at the future installation position of the exhaust-gas aftertreatment system using a NiCrNi or PT-200 temperature sensor and 1-Hz recording rate at the centre of the exhaust-gas flow.

[2] On request, we can provide a data logger for temperature measurement purposes.

Data for a SMF®-AR system

Fuel tank capacity [l] | Fuel consumption [l/h]

Alternator rating [Ah]*

Battery capacity [Ah]

Diameter of inlet manifold between air filter and turbocharger [mm]*

outer | inner

Availability at terminal W (alternator speed signal)*

yes ☐ no ☐

*Mandatory fields

I am sending the following additional information:

- ☐ Layout of installation space
- ☐ Technical data sheet of the engine
- ☐ Result of the exhaust-gas temperature measurement
- ☐ Engine data (exhaust-gas temperature, fuel consumption, NOx/PM emissions)
- ☐ Measurements of the NOx/PM emissions under operating conditions

Notes (e.g. special safety requirements):

Send data

HJS Emission Technology GmbH & Co. KG
Dieselweg 12
D-58706 Menden/Sauerland
Phone +49 2373 987-0
Fax +49 2373 987-199
E-Mail hjs@hjs.com
Internet www.hjs.com

26 03 5159