



INFO-HOTLINE
+49 2373 - 987 555
nfz-vertrieb@hjs.com

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 nfz-vertrieb@hjs.com

Company*	<input type="text"/>		
Contact*	<input type="text"/>		
Street/No.*	<input type="text"/>	Postcode/Town*	<input type="text"/>
Phone*	<input type="text"/>	Fax*	<input type="text"/>
E-Mail*	<input type="text"/>		

*Mandatory fields

General Data

Engine manufacturer	<input type="text"/>	Type	<input type="text"/>
Year of construction	<input type="text"/>	Engine capacity [cm ³]	<input type="text"/>
Power output [kW]	<input type="text"/>	Engine speed [rpm]	<input type="text"/>
Vehicle voltage	12 V <input type="checkbox"/>	24 V <input type="checkbox"/>	Turbocharger
			yes <input type="checkbox"/> no <input type="checkbox"/>
Emission class			
EU directive on emissions from non-road mobile machinery	Stage I <input type="checkbox"/>	Stage II <input type="checkbox"/>	Stage III A <input type="checkbox"/>
	Stage III B <input type="checkbox"/>	Stage IV <input type="checkbox"/>	
U.S. EPA nonroad regulations	Tier 1 <input type="checkbox"/>	Tier 2 <input type="checkbox"/>	Tier 3 <input type="checkbox"/>
	Tier 4 interim <input type="checkbox"/>	Tier 4 <input type="checkbox"/>	other <input type="text"/>
Fuel (if different from DIN 590 Diesel)	<input type="text"/>		
Max. permissible exhaust backpressure [mbar]	<input type="text"/>	Max. exhaust-gas temperature [°C]	<input type="text"/>
Description of the application range (e.g. wheel loader for excavation work, forklift truck for logistics work, stationary applications, etc.)			
<input type="text"/>			
Operating times [%]	Idle <input type="text"/>	Part load <input type="text"/>	Full load <input type="text"/>



Fill in following fields only when placing an order:

Company*

Contact*

Technical Data

*Mandatory fields

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* no**

*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.

**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

Fuel tank sensor (type/signal voltage)

Please send us a drawing of the exhaust system and of the OE silencer, or documents relating to the installation space conditions in the vehicle.

I am sending the following additional information:

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

Notes (e.g. special safety requirements):