

ECOSPRAY
TECHNOLOGIES

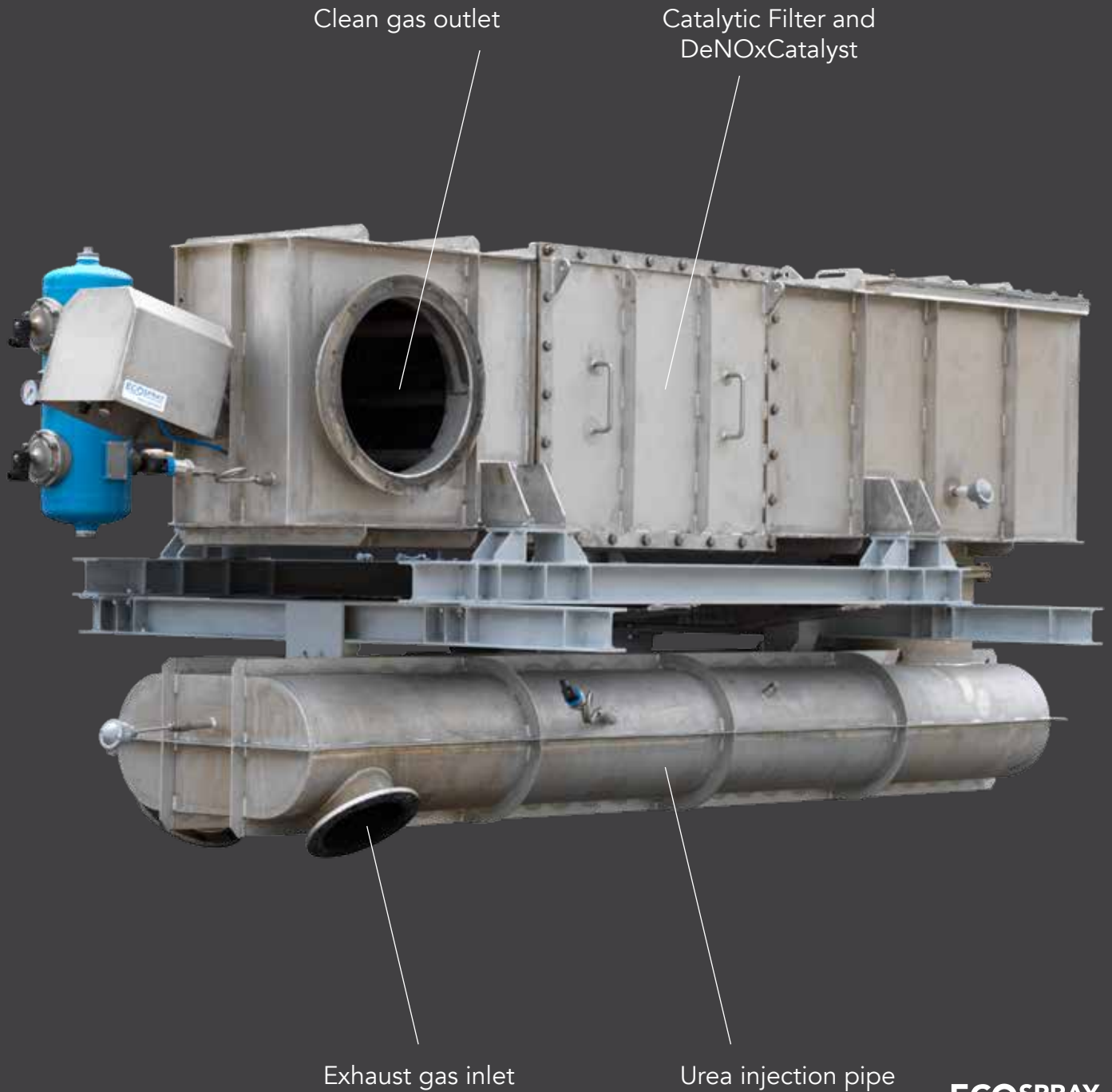
ECO-TRIO™
DeNOx PLUS

NOx-SOOT REMOVAL
AND NOISE CONTROL

ECO-TRIO™ DeNOx PLUS

- NOx ABATEMENT**
- PM and SOOT REMOVAL**
- NOISE ATTENUATION**

ECO-TRIO™ is suitable for engines using MGO and/or with a slight modification HFO too.



Clean gas outlet

Catalytic Filter and
DeNOxCatalyst

Exhaust gas inlet

Urea injection pipe



**CLEANING EXHAUST GAS
OF DIESEL ENGINES
FROM 150 TO 4300 kW**

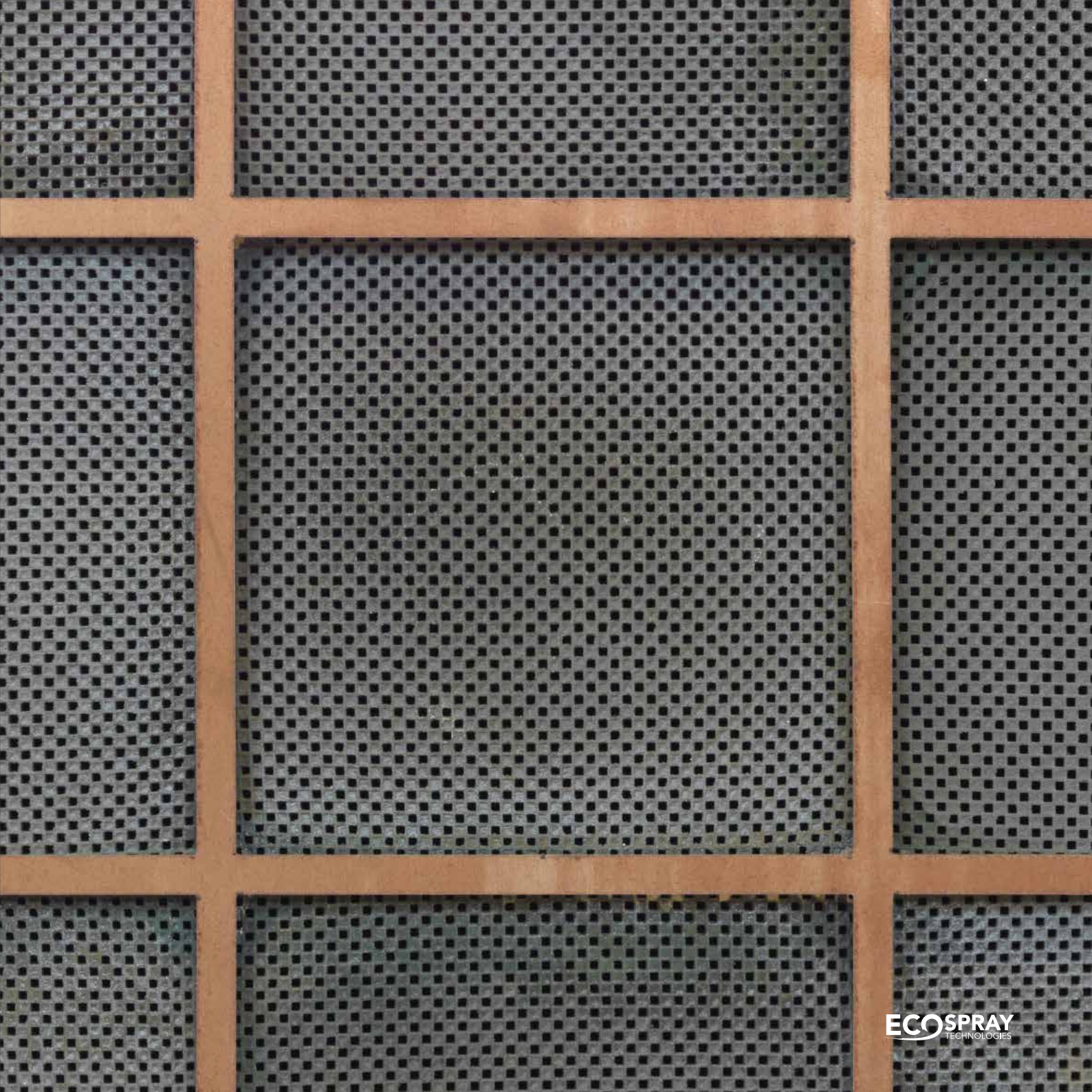


ECO-TRIO™ DeNOx PLUS

ALL IN ONE SYSTEM THAT COMBINES THE OXIDATIVE EFFECT OF THE CATALYTIC DRY FILTER WITH THE DeNOx CATALYST TO ACHIEVE:

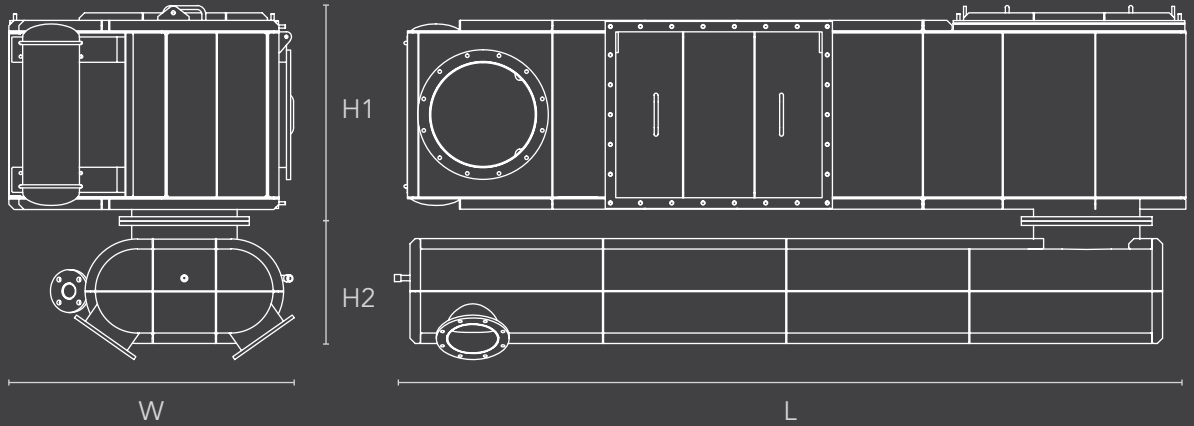
- NO_x REMOVAL WITHIN TIER III LIMITS***
- PM and SOOT REMOVAL > 95%**
- TYPICAL NOISE ATTENUATION FROM 30 TO 40 dB**
- REDUCTION OF PAH AND HEAVY METALS UP TO 95%**
- ODOR CONTROL**
- NO VISIBLE SMOKE AT THE STACK**

* If required, NO_x removal over 95%

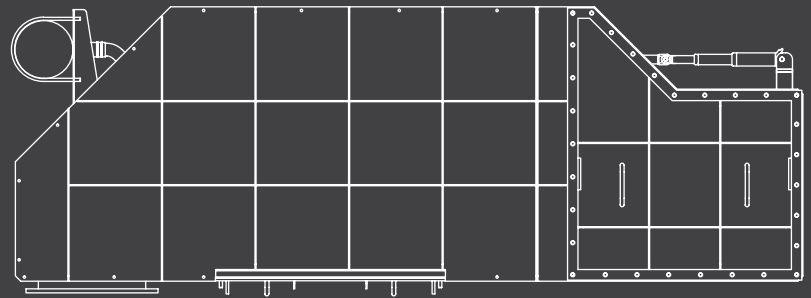


ECO-TRIO™
filter

Urea
injection
pipe*



* Different injection pipe
geometry/layout is possible



Outline Dimensions (mm)

	Size	Engine Power kW	Length	Width	Height 1	Height 2	Weight Kg
GENSETS	MK3C-DNX-1W4-1O4	200 - 220	3.000	750	360	280	550
	MK3C-DNX-2W4-2O4	250 - 450	3.000	750	700	280	1.000
	MK3C-DNX-6W4-3O4	500 - 950	3.000	1.050	1.000	340	1.650
PROPULSION	MK3C-DNX-4W4-4O4	1.000 - 1.380	3.000	1.100	700	400	1.550
	MK3C-DNX-6W4-6O4	1.380 - 1.770	3.250	1.350	1.000	450	2.250
	MK3C-DNX-9W4-9O4	1.800 - 2.600	3.350	2.000	1.000	520	3.450
	MK3C-DNX-12W4-12O4	2.600 - 3.400	3.500	2.000	1.350	560	4.500
	MK3C-DNX-15W4-15O4	3.450 - 4.300	3.500	2.000	1.650	620	5.600

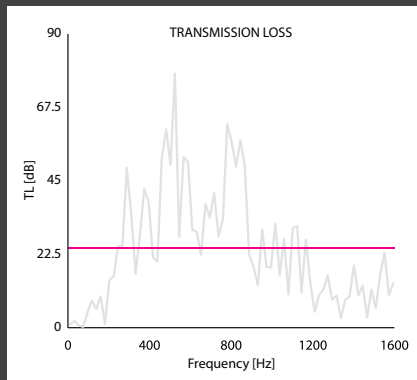
- Diesel engines up to 4300 kW
- Pressure drop 30 mBar at 100% engine load
- PLC dedicated for urea injection and system control
- Bypass - automatic pressure control



Urea injection lance
Low air pressure up to 60 L/h



Pulse jet
Automatic cleaning system



Noise attenuation up to 40 dB



NOx measuring sensor
Ecospray design

The product specifications and data may be changed without notice to improve reliability, functionality and design. Please contact Ecospray at eco-trio@ecospray.eu for any details.





ECOSPRAY

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www.ecospray.eu

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