

1 FIRST ITALIAN
COMPANY TO USE
LIQUID METHANE
POWERED VEHICLES
LC3

LC3

**revolutionising
controlled
temperature
transport.**

 **LC3**
INTERNATIONAL NATURAL TRANSPORT

THE FIRST LC3 NITROGEN REFRIGERATED TRAILER

REVOLUTION N_2



ZERO EMISSIONS ZERO NOISE

Using liquid nitrogen for trailer cooling is an efficient, silent, safe and easy to use solution, ensuring zero environmental pollutant and noise emissions.

The refrigerating power of liquid nitrogen is much higher compared to traditional systems, significantly shortening the time it takes to reach operating temperature, ensuring seamless cold chain continuity.



ADVANTAGES

- reduced noise levels, enabling operation during times which would otherwise be forbidden, in city centres
- savings of high environmental impact fuel
- faster in reaching operating temperature
- greater efficiency for cold chain continuity
- significantly lighter, translating into economic advantage and greater load capacity
- significant increase in load compartment capacity
- rapid and uniform cooling along the entire length of the load compartment

EMISSIONS REDUCTION COMPARED TO EURO 6

LNG TRUCK

CO₂
-15%

NO_x
-70%

PM
-95%

dB(A)
-5

NITROGEN SEMITRAILER

CO₂
ZERO

NO_x
ZERO

PM
ZERO

dB(A)
ZERO*

* zero outside and 45 dB(A) inside due to evaporators.





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