



CNG-HYBRID

EXQUI.CITY

BY VAN HOOL

The Exqui.City Design Malmö

The Van Hool Exqui.City Design Malmö is the result of a close collaboration between Nobina and Van Hool.

The new Van Hool BRT vehicle, Exqui.City, combines the flexibility of a bus with the efficiency of light rail. A truly exquisite way of travelling. A reliable vehicle with a refined design that can be integrated in a high-level infrastructure, combining a high commercial speed of service with luxurious comfort.

The Exqui.City's timeless and elegant design clearly distinguishes itself from traditional buses. It emphasises smooth and safe travel through the modern urban environment. Fluid lines, diffused lighting, and an advanced ergonomic interior

are all crucial to making the trip a relaxing experience for the passengers. Spacious entrances and exits, a low floor, and wide corridors throughout the vehicle secure the optimal passenger flow. The first door behind the first axle offers an unrivalled accessibility to the wheelchair area.

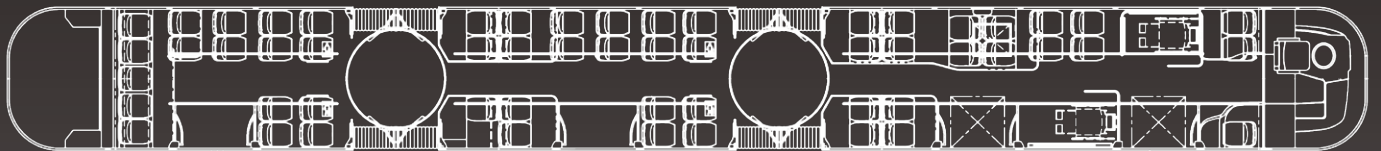
Nobina, the largest people carrier in Scandinavia has signed a contract for 15 Exqui.City buses. Van Hool is the first to sign a contract in Scandinavia for this type of "tram-bus" vehicle. It's a 24-metre double-articulated vehicle with an electric engine, whereby the electricity is generated by a power generator connected to a Euro6 biogas engine





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technical specifications

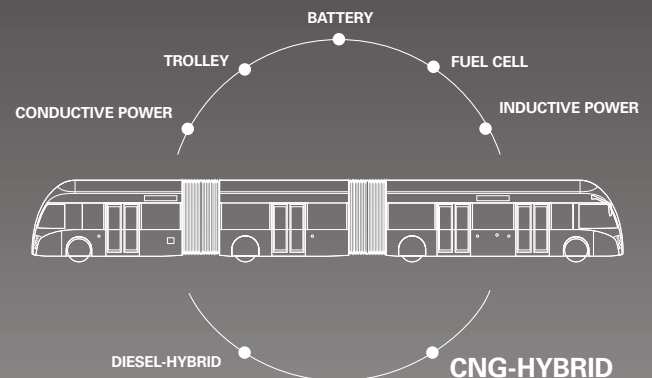
dimensions	Exqui.City 24 CNG-hybrid
length	23 820 mm
width	2 550 mm
height	3 400 mm
boarding height	320 mm
standing height	2 280 mm
wheelbase	6 600 mm / 6 710 mm / 6 710 mm
front overhang	1 900 mm
rear overhang	1 900 mm
approach angle	7°7'
departure angle	7°7'
turning radius	12 200 mm
turning radius between sidewalks	11 400 mm
inside turning radius	5 200 mm
curb weight	24 800 kg
num. of access doors	4 (2 wheelchair ramps)
tires	12 tires: 275/70 - R 22,5
seating capacity	55
	2 wheelchair areas
CNG engine	MAN D0836 LOH04 Euro 6
	206 kW (280 PS)
hybrid electric traction engine	Siemens PEM 1DB2022 + 2 VPM
hybrid generator	Siemens 1FV5168

technology

The heart of the Exqui.City is the **Multi Propulsion Platform**, designed to accommodate the latest and greenest alternative propulsion technologies.

The Exqui.City Design Malmo is a CNG-electric version.

multi propulsion platform



welcome to the world of Van Hool
elegance in transport