

Nova LFS Artic

Maximizing every commute



Optimized
for public
transit

Based on the proven Nova LFS platform, the Nova LFS Artic combines a proven track record with the ability to handle your highest volume routes.

It was designed to deliver the passenger capacity, onboard fluidity and easy maneuverability your fleet requires.

Nova LFS Artic



INCREASED PRODUCTIVITY

Platform and design commonality enhance serviceability and reduce costs

OPTIMAL PASSENGER FLOW

The middle axle equipped with single extra-wide tires offers industry's largest center aisle

STRUCTURAL INTEGRITY

Maximizes driver and passenger security

Specifications

LENGTH	62 feet (18.9 metres)
WIDTH	8.5 feet (2.6 metres)
HEIGHT	10.5 feet (3.2 metres)
INTERIOR HEIGHT	7.8 feet (2.4 metres) excluding rear axle 6.2 feet (1.9 metres) over rear axle
WHEELBASE	244 inches (front to middle axle), 253 inches (middle to rear axle)
SEATING CAPACITY	Up to 62 passengers
LOADING CAPACITY	Up to 112 passengers
STRUCTURE	Stainless steel
CORROSION-RESISTANT OUTSIDE SHELL	Fiberglass and thermoplastic skirt panels
ENGINE	Cummins L9 330 (Diesel), Cummins L9 330H (Hybrid)
ROOF-MOUNTED HVAC	Mobile Climate Control Eco 353, Mobile Climate Control Eco 136e, Thermo King AM2
FLOORING SYSTEM	Composite
ELECTRIC / ELECTRONIC SYSTEM	Volvo Multiplex System (VBEA)
TRANSMISSION OPTIONS	Diesel: ZF EcoLife (6 speed), Allison B500R (6 speed), Voith D864.5E (4 speed) Hybrid: BAE HDS300, Allison H EP 50
RADIATOR	Nova eCooling system
AXLES	ZF RL-85 (front), ZF AVN-132 (middle), ZF AV-132 (rear)
BRAKE SYSTEM	ABS all-wheel disc brakes with traction control
FUEL TANK CAPACITY	473 liters
TURNING RADIUS	44 feet 8 inches (13.6 metres)