

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 Super Single tires offers industry's largest center aisle

STRUCTURAL INTEGRITY

Maximizes driver and passenger security

Specifications

| | |
|-----------------------------------|---|
| LENGTH | 62' (18.90m) |
| WIDTH | 102" (2.59m) |
| HEIGHT | 10.5 feet (3.2 metres) |
| INTERIOR HEIGHT | 10' 6" (3.20m) Diesel 10' 9" (3.28m) Hybrid |
| WHEELBASE | 93" (2.36m) excluding rear axle 74" (1.88m) over 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-82 (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' 8" (13.61m) |