

TECHNICAL SPECIFICATIONS



DESIGNERS AND ENGINEERS
SPENT COUNTLESS HOURS
MAKING EVERY LINE ATTRACTIVE.
ESPECIALLY THE BOTTOM ONE.

At Nova Bus, we're driven by your city. But we're also driven to build sleek-looking buses that combine high performance with a competitive life cycle cost. And that's precisely what we're doing. From an engineering perspective, well, let's just say we don't take a back seat to anyone, with proven technologies, high fuel efficiency and an ease of maintenance. All of which contribute to cost savings and a highly attractive bottom line.

NOVA BUS
Driven by your city

NOVA BUS SPECIFICATIONS



LENGTH	40.0'		62.0'
PROPULSION OPTIONS		ULSD, Hybrid	
SEATING CAPACITY	Up to 41		Up to 62
LOADING CAPACITY (SEATED AND STANDING)	Up to 80		Up to 112
ELECTRIC/ELECTRONIC SYSTEM		Volvo Multiplex system (VBEA)	
STRUCTURE		Stainless steel	
OUTSIDE SHELL		Fiberglass and thermoplastic skirt panels	
ROOF-MOUNTED HVAC		Multiplex control Carrier heater Carrier AC 353 with 05G compressor Thermo King Athenia with X430 compressor	
STOP HEIGHT		Not kneeled: 14.6" Kneeled: 10.6"	
WIDTH		102.0"	
HEIGHT (WITH AC)		ULSD: 124.0" Hybrid: 128.0"	
WHEELBASE	Front to rear axle: 244"		Front to mid axle: 244" Mid to rear axle: 253"
INTERIOR HEIGHT		93" excl. rear axle 76" above rear axle	
TURNING RADIUS (OUTSIDE BODY)	40' 10"		44' 8"
TIRES	Michelin XZU2 305-70R22.5		Front & rear tires: Michelin XZU2 305-70R22.5 Mid tires: Continental HDU1 385-55R22.5
FLOORING SYSTEM		Composite	
DOOR WIDTH		35" or 47"	
ENGINE OPTIONS	ULSD: Cummins ISL 8.9 280 HP Hybrid: Cummins ISB 6.7 280 HP		ULSD: Cummins ISL 8.9 330 HP Hybrid: Cummins ISL 8.9 330 HP
TRANSMISSION OPTIONS	ULSD: ZF EcoLife (6 sp) Allison B400R (6 sp) Voith D864.5E (4 sp) Hybrid: Allison H 40 EP		ULSD: ZF EcoLife (6 sp) Allison B500R (6 sp) Voith D864.5E (4 sp) Hybrid: Allison H 50 EP
AXLES	Front ZF RL-85 Rear ZF AV-132		Front ZF RL-85 Mid ZF AVN-132 Rear ZF AV-132
BRAKE SYSTEM		All-wheel disc brakes	
FUEL TANK CAPACITY	ULSD: 125 US gal. Hybrid: 82 US gal. or 125 US gal.		ULSD: 142 US gal. Hybrid: 142 US gal.

OPTIONS AVAILABLE:

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|------------------------------------|---------------------------|--|
| - Suburban or shuttle applications | - Wide doors | - Integrated front fascia with recessed fog lights |
| - Under-seat lighting | - Bike rack | - Smooth exterior side walls |
| - Overhead luggage racks | - Flush-mounted windows | - Color-coordinated wheel covers and sleek rear fascia |
| - Personal reading lamps | - Profiled roof treatment | |
| - Work tables | - BRT-style mirrors | |

These specifications are based on the latest product information available at press time and are subject to change. Contact your Nova Bus sales manager for complete details on standard features and options available.

1-800-350-6682 | novabus.com

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