

# CITY BUS WITH YMZ E6 ENGINE AND ADAS

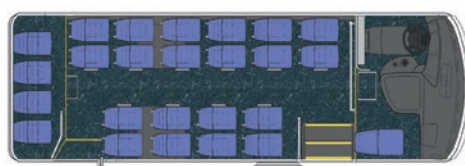
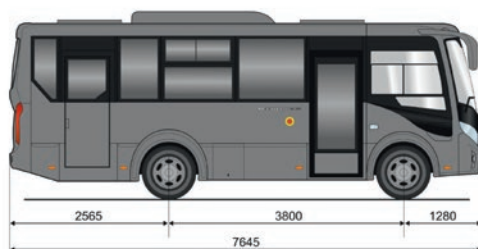
## **Vector NEXT**



- Wide range of modifications
- Manual or automatic transmission
- Advanced driver-assistance system (ADAS)
- All-new YMZ diesel engine E6 (from 2020)
- Availability of CNG E5 options
- Availability of chassis for in-house manufacturing

# SPECIFICATIONS

Main characteristics	VECTOR NEXT Bus
Vehicle category/class	M3 / II
Body type	Semi-monocoque, cab-over
Length, mm	7645
Width, mm	2445
Height, mm	2915 (3,100 with A/C)
Wheelbase, mm	3800
Curb weight, kg	6650
Maximum design weight, kg	10050
Front axle maximum weight, kg	3500
Rear axle maximum weight, kg	6550
Passenger capacity, persons	41
Passenger capacity, seats	25
Minimum turn radius, m	7
External turning radius, m	8
Road clearance, mm	190
Max. speed, km/h	100
Chassis	C40R13, manufactured by GAZ
Engine model	YMZ-534, manufactured by GAZ
Type	Diesel
Number and arrangement of cylinders	4, in-line
Emission standard	Euro 6
Displacement, l	4.433
Engine power output, kW	124.2
Maximum torque, Nm	597
Engine location	Rear longitudinal
Fuel tank, l	Metal, 95
Gearbox	Manual, 6-speed, Allison 2100 series
Steering system	Integrated with hydraulic power steering, by Robert Bosch Automotive Steering GmbH
Front suspension	Dependent, with few leaf springs with double-acting hydraulic telescopic shock absorbers, anti-roll bar
Rear suspension	Dependent, pneumatic, with pneumatic elements to maintain the floor level depending on the bus load, anti-roll bar
Brake system	Disk-type brakes with automatic gap adjustment, pneumatic drive, ABS, ASR
Tires	245/70 R19.5
Electrical system	24 V
AC	18 kW
Additional systems and ADAS	ACC, LDW, AEB, FCW, tire pressure and temperature control, brake pad wear&tear control



Made  
in Russia

[www.gazglobal.com](http://www.gazglobal.com)