

Orion V



Orion V Reliable. Economical. Durable.



Orion Bus Industries is a DaimlerChrysler Company

Dimensions	40'	35'	30'
Length over bumpers	40' - 8.5"	35' - 7.5"	32' - 5"
Width	102"	102" or 96"	96"
Height (Over Roof Hatch)	121"	121"	121"
Height (Over CNG Equipment)	134"	134"	134"
Front Overhang (Includes Bumper)	90.75"	90.75"	90.75"
Approach Angle	10°	10°	10°
Rear Overhang (Includes Bumper)	117.75"	117.75"	117.75"
Departure Angle	9°	9°	9°
Breakover Angle	11°	14.5°	16.5°
Wheelbase	280"	219"	180"
Turning Radius (Over Bumpers)	40' - 6"	34' - 0"	29' - 5"
Curb Weight - Diesel	28,800 lbs	27,100 lbs	25,500 lbs
Curb Weight - CNG	31,700 lbs	29,950 lbs	26,150 lbs
GVWR	40,600 lb	40,600 lb	40,600 lbs
Floor Height (Vestibule)	34.5"	34.5"	34.5"
Floor Height (Aisle)	35.75"	35.75"	35.75"

Doors - All Models

Front	Slide-Glide, Clear Width 35.75", Step Height 14.5" Normal or 11" Knelt
Rear	Swing-out, Clear Width 34.75", Step Height 15.75"

Axles - All Models

Front	Meritor solid beam, 14,600 lb. capacity
Rear	Meritor conventional, 26,000 lb. capacity
Brakes	"S" Cam Drum, Automatic Slack Adjusters

Drive Train - All Models

Type	T-Drive
Engine	Detroit Diesel Series 50/50G Cummins ISL
Transmission	Allison B400 Allison B500 ZF HP592 Voith D864



Other Features

Destination Sign	Customer Specification
Driver's Seat	Recaro/USSC, various configurations
Electrical System	12/24VDC Solid State Multiplexed
Fuel Tanks - CNG	8 Cylinders, Roof Mount
Fuel Tank - Diesel	150, 125 or 96 US Gallons
Air Conditioning	Thermo King/Carrier, w/R134a, rear mount 82,000 Btu/Hr
Heating System	106,000 Btu/Hr Defroster 58,000 Btu/Hr
Seating	Various transit and suburban layouts
Suspension	Full Air Ride
Tire Size	12R22.5
Wheelchair Lift	Lift-U, 32" wide platform, front or rear door