

SMART FOR YOUR ROUTE.
GOOD FOR THE WORLD.

NEXBUSTM

HYBRID & PROPANE TECHNOLOGIES



COLLINS
BUS CORPORATION

NEXBUS™ HYBRID

*The **FIRST** Type A hybrid electric school bus. And the shortest route to fiscal and environmental responsibility.*



**THE TIME IS RIGHT.
THE TECHNOLOGY IS READY.
AND YOUR BUS IS HERE.**

Hybrid or propane, Collins' NexBus puts you miles ahead with green technology.

NEXBUS HYBRID PERFORMANCE FEATURES

- **Up to 40% potential fuel savings as engine shuts off at low speeds and at idle.**
- **30% Potential maintenance savings.**
- **30% Potential reduction in greenhouse gas emissions.**
- No emissions as engine shuts off at idle and DC/DC system takes over to run all electrically driven components.
- Electric launch assist and electric only mode at low speeds.
- Regenerative braking reduces brake wear and helps recharge the battery.
- Nearly all engine starting is managed by the integrated starter motor, reducing wear on the conventional starter.
- Redundant systems keep the bus operational in case of hybrid system fault.

A funny thing happened on the way to saving the planet. Turns out the same technology that reduces bus emissions and exceeds government mandates also does some amazing things for your fleet. Like significantly cutting fuel costs. And reducing the portion of your budget spent on maintenance. All while it shrinks your fleet's carbon emissions. Make sure your bus routes are leaving the friendliest carbon footprints possible. Get on the Collins green NexBus fleet.

NEXBUS PROPANE PERFORMANCE FEATURES

- **Reduced fuel costs through utilization of federal tax credit per gallon of propane.**
- **Reduction in greenhouse emissions when compared to diesel and gasoline.**
- **Potential for extended engine life from lower carbon production and extended oil life as a result of less oil contamination.**

Propane tank constructed of carbon steel is 20 times more puncture resistant than conventional fuel tanks.

Estimated fuel range of 300 miles.

Better infrastructure than other alternative fuels.

Approximately 90% of propane is produced domestically.

Environmentally friendly nontoxic fuel.

NEXBUS™ PROPANE

*The newest clean-fuel transportation alternative. And the **FIRST** Type A propane-powered school bus.*





SPECS	FLAT FLOOR	
	FBX6	FBX6WR
Passenger capacity	20*	12 + 2 W/C*
Interior height at aisle	76.5"	76.5"
Interior height at sidewall	72.8"	72.8"
Interior width	91"	91"
Entrance door (w x h)	24" x 78"	24" x 78"
Entrance step from ground	14"	12"
Emergency door (w x h)	36" x 50"	36" x 50"
Wheelchair lift door (opt.)	-	42" x 64"
Overall height	114"	114"
Overall width	95"	95"
Overall length	280"	280"
Passenger compartment	186"	186"

CHASSIS	FORD
Model	E450 Cutaway w/dual rear wheels
Engine	5.4L EFI V8 Gasoline
Transmission	Electronic 5-Speed auto w/overdrive
Wheelbase	158"
GVWR	14,050#
Fuel Tank	40 Gallon
Brakes	Power w/4-wheel antilock
Tires	LT225/75R 16E BSW radials
Alternator	155 Amp.
Battery	Dual - 72 Amp, 650 CCA & 78 Amp, 750CCA

BODY	FLAT FLOOR
Structure	Galvanized steel
Flooring	1/2" Plywood • Black rubber w/ribbed aisle
Split sash windows	28" x 28" w/12" opening
Wrap-around rubrails	Seat and floor level std.
Warning system	4 Amber, 4 red
Interior lights	4 Dome lights
Exterior lights	7" Stop/tail/turn • 4" Stop/tail/backup
Mirrors	Rearview and crossover
Bumpers	Black wrap-around

SPECS	STANDARD FLOOR			FLAT FLOOR			
	CSX5	CSX5B	CSX5WR	CGX5	CGX6	CGX5WR	CGX6WR
Passenger capacity	27*	28*	13 + 2 W/C*	27*	32*	16 + 2 W/C*	18 + 2 W/C*
Interior height at aisle	76.5"	76.5"	76.5"	76.5"	76.5"	76.5"	76.5"
Interior height at sidewall	72.8"	72.8"	72.8"	72.8"	72.8"	72.8"	72.8"
Interior width	91"	91"	91"	91"	91"	91"	91"
Entrance door (w x h)	24" x 78"	24" x 78"	24" x 78"	24" x 78"	24" x 78"	24" x 78"	24" x 78"
Entrance step from ground	12"	12"	12"	14"	14"	14"	14"
Emergency door (w x h)	36" x 50"	36" x 50"	36" x 50"	36" x 50"	36" x 50"	36" x 50"	36" x 50"
Wheelchair lift door (opt.)	-	-	42" x 64"	-	-	42" x 64"	42" x 64"
Overall height	110"	110"	110"	114"	114"	114"	114"
Overall width	95"	95"	95"	95"	95"	95"	95"
Overall length	255"	263"	255"	255"	285"	255"	285"
Passenger compartment	156"	164"	156"	156"	186"	156"	186"

CHASSIS	GM
Model	Cutaway w/dual rear wheels
Wheelbase	139" or 159"
Engine	6.0L W/Liquid Propane Injection
Transmission	6-Speed auto w/overdrive
GVWR	12,300# or 14,200#
Fuel Tank	38 Gallon
Brakes	Power w/4-wheel antilock
Tires	LT225/75R 16EB BSW radials
Alternator	145 Amp.
Batteries	One 600 CCA

BODY	STANDARD OR FLAT FLOOR
Structure	Galvanized steel
Flooring	1/2" Plywood • Black rubber w/ribbed aisle
Split sash windows	28" x 28" w/12" opening
Wrap-around rubrails	Seat and floor level std.
Warning system	4 Amber, 4 red
Interior lights	4 Dome lights
Exterior lights	7" Stop/tail/turn • 4" Stop/tail/backup
Mirrors	Rearview and crossover
Bumpers	Black wrap-around



COLLINS
MID BUS
CORBEIL

Distributor:

* All passenger capacities are based on minimum options and are subject to weight calculations.

Due to ongoing engineering improvements, Collins reserves the right to make changes without notification.

