



BLUE BIRD®

PROPANE COMMERCIAL CHASSIS



Reliable and Proven Ford Engine

The propane-powered stripped chassis features Ford's proven 7.3L V8 engine. We leverage ROUSH's proven propane technology that has accumulated more than three billion miles with 3,000 fleets.



Ford 7.3L V8

Industry-best 55 Degree Wheel Cut

Industry-best 55 degree wheel cut for steering on tight streets and loading docks with limited maneuvering area



Rated at 335hp

Purpose Built Class 5 - 6 Chassis

Our chassis is designed to be universally compatible with all existing utility body providers



**50,000 PSI
Standard Steel Frame**

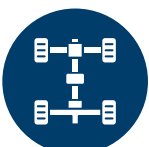


**GVWR of up to
23,000 pounds**



**Roush Cleantech
Propane Fuel System**

Nearly 100 years of experience building medium and heavy-duty vehicles



For last mile delivery applications, our chassis is designed to be universally compatible with all existing utility body providers

Learn more at blue-bird.com

PROPANE COMMERCIAL CHASSIS Specifications



Main Frame

9" OS high, 3" OS flanges, 0.25" thick

50,000 minimum psi steel standard, no special options or packages needed for this strength

Frame rails and major structural components such as cross members to be galvanized. Smaller brackets will be ecoated.

Front and rear over hang to match industry standards so existing body designs do not need to be changed

Front Axle

Hendrickson 8,000 pound, fabricated box beam style axle

Lighter than forged I-Beam style axles mean more cargo carrying capacity

Box shaped cross section is stiffer in horizontal and vertical twisting than I-beams. No sway bars needed.

Continuous, smooth beam structure minimizes stress points for extra durability

Industry standard I80 spindle with oil bath wheel ends; nothing proprietary or special

Capable of a 55 degree wheel cut with 245 tires

78.5" wide front wheel track provides for maximum stability while not requiring rubber fender extensions.

Front Suspension

Steel leaf springs with double acting shock absorbers

Suspension tuned with axle for weight savings and ride comfort

Rear Axle

Dana S16-130 drive axle

16,000 pound rating

Integrated 12x3 cable operated drum brake mounted to axle carrier. Hand lever mounted at driver's area

5.38 ratio to obtain 70 mph top speed with 245 tires

Industry standard L spindle with oil bath wheel ends

70.9" standard track with a 92" outside tire width with 245 tires

Rear Suspension

Hendrickson HTS leaf springs with double acting shock absorbers rated at 15,000 lbs.

Hydraulic Brakes

Bosch 66mm brake caliper

15" diameter rotors

Bumpers

Body manufacturer will provide front and rear bumpers

Rear Drop Frame

Optional drop frame structure with Class 4 (up to 10,000 lbs.) tow hitch receiver

Wheels

Hub piloted, 8 stud disc wheels, single front, dual rear

Steel only at this time

Black or white

Industry standard M22 wheel nuts and studs

Wheel Base

208"

Tires

Initial tire size offered: 245/70R19.5

- Michelin Agilis highway and M&S
- Goodyear Fuel Max highway and M&S

Engine

Ford 7.3L 2V PFI V8

Displacement: 7.3L (445 in3)

Compression Ratio: 10.5:1

Horsepower (SAE net): 335 hp @ 3750 rpm

Torque: 468 lb-ft @ 3750 rpm

Transmission

Ford 6R140

Six speed automatic with park pawl

SAE #2 Flywheel Housing

Vehicle Load Capacity: 23,000 lbs. GVW; 33,000 lbs. GCW

Thermostatically Controlled Cooler Circuit

Premium Transmission Fluid

High Efficiency Fluid Filter

Will use a standard mechanical T-Handle shifter with a "P" position for park

Fuel System

Dedicated LPG fuel system with a single tank mounted on the outside of the driver's side frame rail between the front and rear axle

Fill location is on the left side of the vehicle behind the rear axle.

LPG vent is located on the tank towards the front

45 usable gallons

Use HD-5 propane only

Instrument Cluster

Instrument cluster will be the same cluster used on the Blue Bird propane school bus

The information shown was valid on the date of printing. In keeping with its policy of continual product improvement, Blue Bird reserves the right to change specifications without notice and without incurring obligations. Some equipment and features shown may be optional - your Blue Bird Dealer will explain.

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Learn more at blue-bird.com