

DIRECTOR, INTEGRATED TECHNOLOGY
MATTHEW CARR



01 COMPANY OVERVIEW

INTERNATIONAL FACTS

Core business: Class 6-8 trucks and buses in the U.S. and Canada.

Largest dealer and service network in North America.^A

42% of all school buses on the road today are our IC Bus® brand



21% of U.S. Class 6 through 8 vehicles on the road today are an International® truck



Primary business operations in the U.S., Canada and Mexico.



COMPANY OVERVIEW

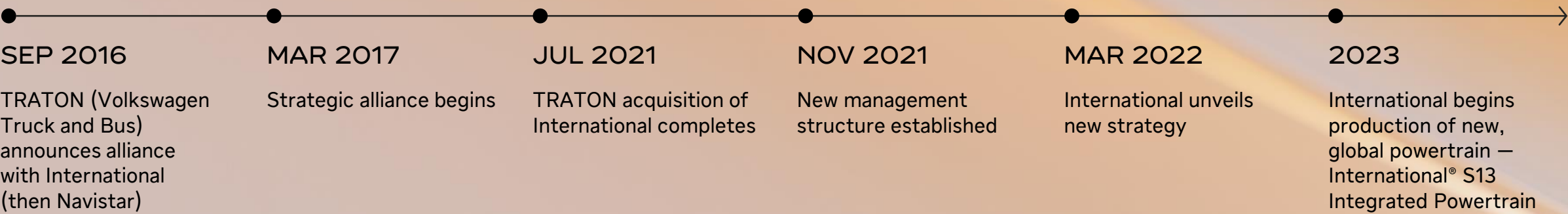
NO. 1	Nº 1 brand in school buses ^B
NO. 2	Nº 2 brand in Class 6/7 ^B
NO. 4	Nº 4 brand in Class 8 ^B
88,890	Total unit sales 2023
15,300	Number of employees worldwide

A. Including service partnership with Love's Travel Stop and Speedco.
B. Based on 2021 on the road today by OEM. School buses include Classes B, C and D.

Bringing together
our global capabilities



- 400+ years of engineering and manufacturing excellence
- Leadership in innovative technologies across global markets
- Leveraging economies of scale, development resources and industry best practices



INTERNATIONAL AND TRATON GROUP

OPTIMIZE COST EFFICIENCY AND GROUP TECHNOLOGY



MODULARIZATION

Reducing complexity through collaboration



SHARED R&D

Integrating lead-brand technologies



PRODUCTION FOOTPRINT OPTIMIZATION

Driving conversion cost improvement



GLOBAL PURCHASING SCALE

Transitioning effective component spend



02 PRODUCT LINE-UP

INTERNATIONAL® AND IC BUS®

Product Line-Up

LT® SERIES



RH™ SERIES



HX® SERIES



HV™ SERIES



MV™ SERIES



eMV™ SERIES



CV™ SERIES



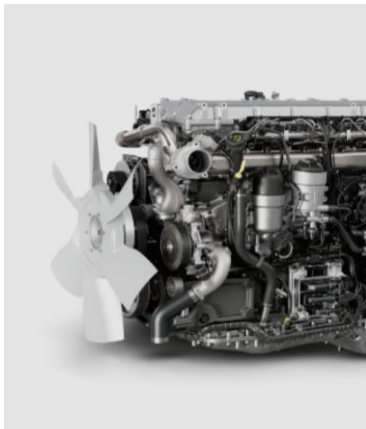
IC BUS® CE SERIES
& TC Series Chassis



IC BUS® ELECTRIC
CE SERIES



INTERNATIONAL® S13
INTEGRATED



eRH™ SERIES
2025 Production



CONFIDENTIAL AND PROPRIETARY TO INTERNATIONAL



03 BEV TECHNOLOGY

INTERNATIONAL'S BEV
EMV IN THE WILD



IC BUS ELECTRIC CE SERIES

OUT IN THE WILD... OVER 1,110 DEPLOYMENTS TO DATE!



JUST DISPLAYED AT ATC EXPO IN ANAHEIM, CA

E-RH



BEV VEHICLE SCOPE		
Cab	Day cab	
Vehicle Type	Class 8 Tractor	
Applications	Pickup, Delivery, and Regional Haul	
GCWR (lbs)	68,000	82,000
Axle Configurations	4x2	6x4
System Voltage	675	
Charging Power	350kW	
Estimated Std. Range (miles)	155	145
Estimated Mid Range (miles)	200	190
Estimated Ext Range (miles)	245	235
Wheelbase (in.)	160	181
Curb Weight	17,900 - 23,750 lbs.	
Drivetrain	3-Speed eAxle (s)	
HV Batteries kWh Total	300 / 400 / 500	
Safety System	Bendix Fusion 3.0, Intellipark	



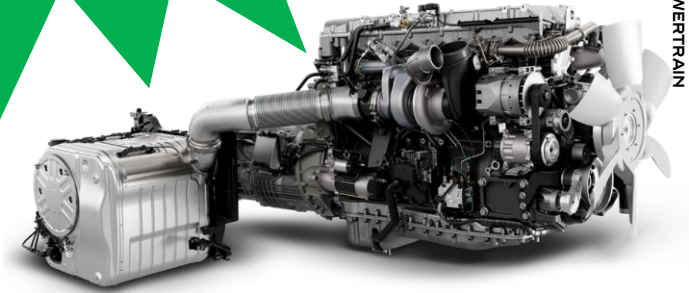
O4 CLEAN DIESEL TECHNOLOGY AVAILABLE TODAY FROM INTERNATIONAL

S13 INTEGRATED POWERTRAIN - HIGHLIGHTS

BUILT IN HUNTSVILLE, AL



R100
B20
B100?



TRATON GLOBAL POWERTRAIN

06/05/2025

CONFIDENTIAL AND PROPRIETARY TO INTERNATIONAL

13

— S13 Engine & Aftertreatment

- No EGR Cooler
- Fixed Geometry Turbo
- Removal of Diesel Oxidation Catalyst (DOC)
- Clean Burn Combustion – 23:1

— T14 Transmission

- 14 Forward Gears - (2) On-Highway / (6) Vocational
- 26.7 Overall Ratio / 29% Gear Steps
- Electronic Clutch Actuation (ECA)
- Integrated Oil Cooler & Variable Oil Leveling System

— Driver Centric

- Eco-Coast – FE Benefits
- Strong Compression Release Brakes – 470 braking HP
- Precision Maneuvering Mode (Turtle Button)
- Drive Modes – Economy, Performance, Performance +, Off Road (HX/HV Only)

— Integrated Powertrain Production

- ~120K Global Powertrains Produced
- Over 7B Miles Driven
- North American Performance
 - ~12K NA Produced
 - ~10K NA Delivered
 - ~200M Miles Driven



FUEL ECONOMY = SUSTAINABILITY!!!

THE S13® INTEGRATED 5%* FUEL ECONOMY GUARANTEE | INTERNATIONAL®

OFFER SUMMARY

The International® LT® Series with the S13® Integrated Powertrain is the most fuel-efficient vehicle in the on-highway aero category.* We guarantee it will deliver at least 5% more in fuel economy*, or you'll get a \$2,500 parts card credit per unit.

*The International LT with S13 Integrated Powertrain was tested head-to-head using TMC Type IV testing methodology against competitive on-highway aero models with comparable specifications: Freightliner Cascadia AeroX DD15, Kenworth T680 MX13, Volvo VNL760 D13. Testing proved the International LT with S13 Integrated Powertrain to be at least 5% more fuel efficient than these models. The International LT with S13 Integrated Powertrain uses up to 3.5% more DEF per gallon of fuel compared to comparable on-highway aerodynamic models.

ELIGIBLE MODELS

Any qualifying International® LT® Series with S13 ® Integrated Powertrain.

WHERE

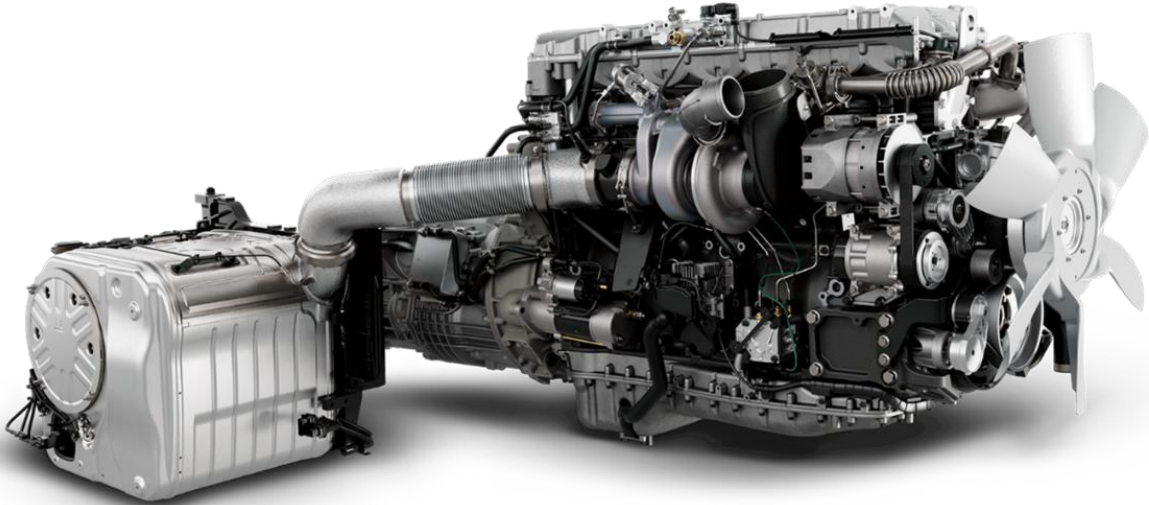
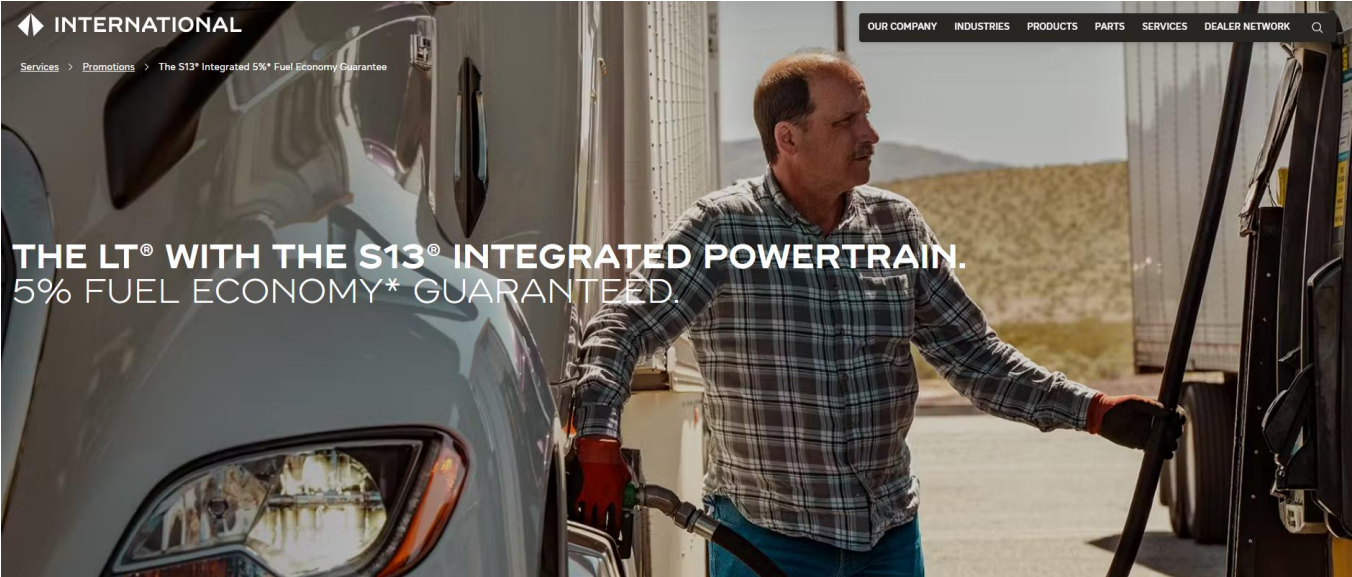
Participating International dealers. Upon submittal of your information, an International dealer will follow up with you.

YOU SHOULD KNOW

If your International LT Series with the S13 Integrated Powertrain doesn't realize at least 5% fuel economy savings over a 12-month period, we will make it right with a \$2,500 parts credit per unit. Offer conditions below:

- Advantage card application must be submitted by your dealer 18 months after DTU data.
- Fuel economy needs to be equivalent spec to spec MY25 or prior class 8 chassis.
- Both units must be in service for a 12-month period.
- Parts and Service International Advantage® card issued in the amount of \$2,500 will be valid for 12 months from issued date.

Please see participating dealer for full offer details.





THANK YOU

Thank you!



APPENDIX

INTERNATION / IC BUS MODELS BY WEIGHT CLASS

Class	Gross Vehicle Weight Rating	International Models
1	6,000 lbs. or less	None
2	6,001 – 10,000 lbs	None
3	10,001 – 14,000 lbs	None
4	14,001 – 16,000 lbs.	None
5	16,001 – 19,500 lbs.	CV
6	19,501 – 26,000 lbs	CV, MV, eMV, CE Bus, TC Chassis
7	26,001 – 33,000 lbs.	MV, eMV, HV, RH, LT, CE Bus, eCE Bus, TC Chassis
8	33,001 lbs. and above	MV, HV, HX, RH, LT, eCE Bus, LoneStar*

*LONESTAR (End of Production 12/23/2023)

S13 DIESEL ENGINE

S13 SPECIFICATIONS

Technical Specifications

Engine Type	Diesel, 4-Cycle
Configuration	Inline 6-Cylinder
Displacement	12.74L (777 cu. in.)
Bore & Stroke	5.12 in. & 6.30 in. (130 mm & 160 mm)
Compression Ratio	23:1
Aspiration	Fixed Geometry Turbocharger
Combustion System	1800 bar Common Rail
Engine Lubrication	47.5 Quarts (45 L)
Total Engine Weight (Dry)	2,284 lbs. (1,036 kg)
Valves	4 Valves Per Cylinder, Dual Overhead Camshaft
B10 Design Life	1,200,000 mi (1,931,000 km)



DRIVING PROFITABILITY
More Time on Road and Less Time Waiting for Repairs



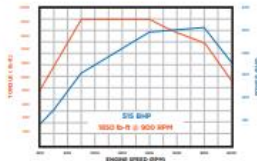
Industry Leading Engine Warranty

Base Engine	2 years, unlimited miles, unlimited hours
Base Major Component	5 years, 500,000 miles
Base Towing*	2 years, unlimited miles, unlimited hours
Optional Engine	Up to 6 years, 600,000 miles
Optional Major Component	Up to 7 years, 700,000 miles

*Towing for Vehicles with engine failures

International® LT® and RH™ Series

HP @ 1800 RPM	Torque [lb-ft] @ 900 RPM	Governed speed [RPM]
400	1450	2000
400	1850	2000
430	1550	2000
450	1750	2000
470	1750	2000
515	1850	2000



Note: The information and conclusions contained herein are believed to be correct at time of publication, but do not necessarily apply to similar vehicles with different specifications or with production dates after the production of this publication. Vehicles with different specifications or later dates of production may yield different results. Vehicle specifications are subject to change without notice. 10/2023 ©2023 NAVISTAR Inc. TAD22003 All rights reserved. All marks are trademarks of their respective owners.

T14 BENEFITS

Transmission Key Benefits

Deep low-end gearing and shifting smoothness, delivering efficiencies of a direct drive in an overdrive package
14 speed with 2 crawler gears
A lightweight, efficiently packaged and robustly designed gearbox with unlimited GCW
Single countershaft transmission designed for simplicity and reliability

International® LT® and RH™ Series

Gear	Ratio	% Step
R2	12.60	
R1	16.23	
1	20.81	29%
2	16.16	29%
3	12.57	29%
4	9.76	29%
5	7.56	29%
6	5.87	29%
7	4.55	29%
8	3.53	28%
9	2.77	29%
10	2.15	29%
11	1.66	29%
12	1.29	29%
13	1.00	28%
14	0.78	-

Transmission Base Warranty (includes towing)

Transmission	5 years, 750,000 miles (1,200,000 km)
Clutch	3 years, 350,000 miles (563,000 km)

A/T BENEFITS

Dual Stage Aftertreatment Key Benefits

With Dual Stage Aftertreatment, and significantly improved emission control, the combustion can be optimized further for improved performance and fuel efficiency.

- Two DEF Injectors
- Dual Stage catalysts with upstream and midstream DEF dosing

No driver interaction required - The system manages the regeneration during operation

DPF filter does not need to be cleaned/replaced until 650,000 miles @ >8.2 mpg

Robust, compact aftertreatment allows less heat loss and helps significantly in improving the fuel economy and packaging

Dual Stage Aftertreatment Base Warranty

2 years, unlimited miles, unlimited hours

INTERNATIONAL® S13 INTEGRATED POWERTRAIN





Specifications



We understand what it takes to build a business.

We know new equipment is a big investment. We know, if you're going to take that next step, you need a sure thing. A truck that will not let you down. A truck that will take your business to new heights. That's why we built the CV™ Series. For people like you. Because you've only just begun.

GVW

- ▶ 4x2: 16,250 – 23,500 lbs.
- ▶ 4x4: 17,500 – 23,000 lbs.

BBC / BA

- ▶ CV515: 115" / 34"

Cab Configurations

- ▶ Regular Cab
- ▶ Crew Cab

Wheelbase Options

- ▶ 128" – 311"

Axle Configurations

- ▶ 4x2, 4x4

Front Axle/Suspensions

- ▶ 4x2: (Dana Spicer) 6,250 – 8,000 lbs.
- ▶ 4x4: (Dana Spicer) 7,500 lbs.

Rear Axle

- ▶ Dana Spicer: 10,000 – 15,500 lbs.

Rear Suspension

- ▶ Spring, Vari-Rate: 11,000 – 15,500 lbs.
- ▶ Air, International Ride Optimized Suspension (IROS): 12,000 – 15,500 lbs. (4x2 only)
- ▶ LiquidSpring: 13,500 – 15,500 lbs.

Frame

- ▶ High Strength, Low Alloy Steel 50,000 psi

Electrical System

- ▶ ALTERNATOR
 - Denso: 150 – 220 amps
- ▶ BATTERIES
 - (2) Batteries: 1100 – 1300 CCA
 - (3) Batteries: 2250 CCA

Exhaust System

- ▶ Horizontal, Frame Mounted, Right Side Under Rail Tailpipe
 - WB greater than 141": Straight tailpipe, exits right or available left side ahead of rear axle
 - 141" WB: Over rear axle, exits behind rear wheel

Brake System

- ▶ Hydromax with Traction Control, Electronic Stability Control and Four Channel ABS

Steering Gear

- ▶ Bosch: S2 8014 Plus

Engine

- ▶ International 6.6L: 350 hp @ 2700 rpm, 700 lb. – ft. of torque

Transmission

- ▶ Allison 6-speed: 1000, 2000 Series (HS, RDS, EVS, MH)

Fuel Tanks

- ▶ Single, Rectangular 25 Gallon, mounted between rails forward of rear axle
- ▶ Single, Rectangular 40 Gallon, mounted between rails behind rear axle
- ▶ Dual, Rectangular 25 Gallon and 40 Gallon

PTO (Power Take Off)

- ▶ Available Transmission-mounted left side or right side (requires PTO-equipped transmission)

Transfer Case (4x4)

- ▶ Meritor: MTC-3203, 2-speed, Gear Drive, 3,000 lb.-ft. Capacity with Electric Shifting Controls, with optional skid plate

Tires

- ▶ Goodyear
- ▶ Continental



Engineered for durability. Built for the driver.

The MV™ Series has a broad range of applications to maximize productivity. And with two proven Cummins® engines, three cab sizes, a choice of 4x2 or 6x4 axle configurations — plus our unmatched expertise in delivering the specifications to suit your application, the MV Series can be dialed in to deliver precisely what you need.

GVW

- ▶ 21,500 – 54,700 lbs.

Models/BBC/BA

- ▶ MV607: 107" / 40"
- ▶ MV60H: 107" / 40" (Low Profile)

Cab Configurations

- ▶ Regular Cab
- ▶ Extended Cab
- ▶ Crew Cab

Wheelbase Options

- ▶ 128" – 311"

Axle Configurations

- ▶ 4x2, 6x4

Rear Axle

- ▶ SINGLE REAR AXLE (4x2)
 - Meritor: 13,500 – 30,000 lbs.
 - Dana Spicer: 13,500 – 30,000 lbs.
- ▶ TANDEM REAR AXLE (6x4)
 - Meritor: 34,000 – 40,000 lbs.

Front Axle

- ▶ Meritor: 8,000 – 14,700 lbs. (4x2, 6x4)
- ▶ Dana Spicer: 8,000 – 14,700 lbs.
- ▶ Hendrickson Steertek: 10,000 – 12,000 lbs.

Frames

- ▶ High-Strength Low-Alloy Steel
50,000 – 80,000 PSI
- ▶ Heat Treated Alloy Steel 120,000 PSI
- ▶ Clean CA available for body mounting

Front Suspension

- ▶ Spring, Parabolic Taper-leaf:
8,000 – 14,700 lbs.

Rear Suspension

- ▶ Spring, Single Vari-Rate:
13,500 – 31,000 lbs.
- ▶ Tandem, 4-Spring Multi-leaf:
34,000 – 40,000 lbs.
- ▶ IROS Air Suspension available for
Single and Tandem Axle
- ▶ Hendrickson HAS:
23,000 lbs.

Electrical System

- ▶ ALTERNATORS
 - Delco Remy 12 Volt: 160 – 200 Amp
 - Leece-Neville 12 Volt: 160 – 325 Amp
- ▶ BATTERIES
 - Fleetrite 12 Volt: 1320 – 2850 CCA
 - EnerSys Odyssey 12 Volt: 2300 – 3450 CCA
 - JCI 12 Volt: 2100 – 2800 CCA

Exhaust System

- ▶ Single Canister, Aftertreatment Device Frame Mounted
Right Side, Under Cab or Back of Cab
- ▶ Single Horizontal or Vertical Tailpipe

Brakes

- ▶ Hydraulic Disc with Four Channel ABS, Optional Traction Control
- ▶ Air Brakes with ABS, Optional Traction Control, Optional Electronic Stability Program with Traction Control

Steering

- ▶ TRW/Ross Power
- ▶ Sheppard Power

Engines

- ▶ Cummins B6.7: 200 – 360 hp and
520 – 800 lb.-ft.*
- ▶ Cummins L9: 260 – 360 hp and
860 – 1,150 lb.-ft.

Transmissions

- ▶ Manual
 - Eaton Fuller: 6, 10-speed
- ▶ Automatic
 - Allison: 2000, 3000 Series
(HS, EVS, RDS, MH)

Fuel Tank

- ▶ 40 – 140 Gallon Non-Polished and Polished Aluminum,
Mounted Right Side, Left Side or Dual Under Cab

DEF Tank

- ▶ 5 – 16.5 Gallon

Tires

- ▶ Continental, Michelin, Goodyear, Bridgestone, Hankook, Yokohama

* 340 hp and 700 lb.-ft. of torque / 360 hp and 800 lb.-ft. torque ratings available for emergency vehicles only

eMV SERIES

EMV KEY FEATURES

- Electrified powertrain - fully integrated ensuring all components are optimized to work with each other as a system
- 210* kWh Lithium Iron Phosphate (LFP) batteries - fully enclosed inside frame rails
- Best-in-class regenerative braking on/off with three levels: 30%, 60% and 100%
 - Improved vehicle efficiency
 - Increases vehicle range
 - "One" pedal style driving capability, except for a complete stop
- State of the art driver display
 - Propulsion & regenerative load
 - State of charge indicator
 - Regenerative braking indicator
- Charging
 - SAE J1772 CCS1 AC/DC charging standard - ensures charging compatibility with most public chargers
 - Up to 125 kWh capable with a DC charger
 - OCC standard for 5 years with enhanced eMobility features

eMV Specifications

GVWR	25,999 and 33,000 lbs.
Model/BBC/BA	MV60E 107.9" BBC, 40" BA
Cab Configurations	Day Cab
Wheelbase Options	217", 236", 254" & 272"
Axle Configurations	4x2
Rear Axle	Single Rear Axle (4x2) Dana Spicer 23,000 lbs.
Front Axle	Dana Spicer I-Beam 12,000 lbs.
Frames	Heat-Treated Alloy Steel 120,000 PSI
Front Suspension	Spring, Parabolic Taper Leaf: 12,000 lbs.
Rear Suspension	21,000 lbs. single axle with shocks IROS Air Suspension
Electrical System	High Voltage - 210* kWh Lithium Iron Phosphate batteries with dedicated BTMS (Battery Thermal Management System) 609V nominal operating voltage
Brakes	Air Brakes with ABS, 4 channel Electronic Stability Program with Traction Control
Steering	TRW/Ross Power
Motor	Direct Drive Electric Motor Peak Motor HP: 342 hp 255 kW Peak Motor Torque: 1737 lb.-ft. Continuous Motor HP: 255 hp 190 kW Continuous Motor Torque: 730 lb.-ft.
Tires	Continental
RAR (Rear Axle Ratio)	6.83

*Useable capacity is approx. 189 kWh. Actual range is based on environmental conditions, driving behaviors, etc.



Every model you need. In the configuration you want.

Productivity often comes down to versatility. And there's no more versatile foundation than the HV™ Series. With configurations ranging from 4x2 to 8x6, BBCs of either 107" or 113" and set-forward or set-back front axles, plus a clean Cab-to-Axle (CA) configuration—the HV Series has what you want for virtually every possible need.

GVW¹

- ▶ HV507 SFA: 27,500 – 68,000 lbs.
- ▶ HV507 SFA Bridge: 60,000 – 66,000 lbs.
- ▶ HV607 SBA: 27,000 – 68,000 lbs.

BBC/BA

- ▶ HV507 SFA: 107" / 32.4"
- ▶ HV507 SFA Bridge: 107" / 28.9"
- ▶ HV607 SBA: 107" / 40.3"

Cab Configurations

- ▶ Regular Cab
- ▶ Extended Cab
- ▶ Crew Cab

Wheelbase Options

- ▶ HV507 SFA: 136" – 311"
- ▶ HV507 SFA Bridge: 177" – 270"
- ▶ HV607 SBA: 128" – 311"

Axle Configurations

- ▶ HV507 SFA: 4x2, 4x4, 6x4, 6x6
- ▶ HV507 SFA Bridge: 6x4
- ▶ HV607 SBA: 4x2, 4x4, 6x4, 6x6

Rear Axle

- ▶ SINGLE REAR AXLE (4x2)
 - Meritor: 17,500 – 38,000 lbs.
 - Dana Spicer: 17,500 – 31,000 lbs.
- ▶ TANDEM REAR AXLE (6x4)
 - Meritor: 40,000 – 46,000 lbs.
 - Dana Spicer: 46,000 lbs.

Front Axle

- ▶ NON-DRIVING:
 - Meritor: 10,000 – 22,000 lbs.
 - Dana Spicer 10,000 – 20,000 lbs.

▶ DRIVING:

- Meritor: 8,000 – 20,000 lbs.

Frames

- ▶ Heat Treated Alloy Steel 120,000 PSI
- ▶ 11.25'x.5" thick super single rail

Front Suspension

- ▶ Spring Parabolic Taper-leaf: 10,000 – 22,000 lbs.
- ▶ Spring Multi-leaf: 14,000 – 20,000 lbs.

Single Rear Suspension

- ▶ Vari-rate Spring: 18,500 – 23,500 lbs.
- ▶ International Air (IROS): 20,000 lbs.
- ▶ Chalmers: 23,000 – 30,000 lbs.
- ▶ Hendrickson Air: 20,000 – 26,000 lbs.

Tandem Rear Suspension

- ▶ Hendrickson Walking Beam: 34,000 – 46,000 lbs
- ▶ Hendrickson Air: 40,000 – 46,000 lbs.
- ▶ Chalmers Walking Beam: 40,000 – 46,000 lbs.
- ▶ International Air (IROS): 40,000 lbs.
- ▶ International 4-Spring Multi-leaf: 40,000 lbs.
- ▶ Link Air Link: 46,000 lbs.

Electrical System

- ▶ ALTERNATORS
 - Delco Remy 12 Volt: 160 – 240 Amp
 - Leece-Neville 12 Volt: 160 – 325 Amp
- ▶ BATTERIES
 - Fleetrite 12 Volt: 1320 – 3800 CCA
 - JCI 12 Volt: 2100 CCA

Exhaust System

- ▶ Single Canister, Aftertreatment Device Frame Mounted Right Side, Under Cab or Back of Cab
- ▶ Horizontal or Vertical Tailpipe

Brakes

- ▶ Air Brakes with ABS, Optional Traction Control, Optional Electronic Stability Program with Traction Control
- ▶ Air Disc Brakes

Power Steering

- ▶ Single Power
- ▶ Dual Power on Front Axles 16,000 lbs. and above

Engines

- ▶ Cummins B6.7:
 - 200 – 360 hp,
 - 520 – 800 lb.-ft.
- ▶ Cummins L9:
 - 260 – 450 hp,
 - 860 – 1250 lb.-ft.

Transmissions

- ▶ Manual
 - Eaton Fuller: 6, 10, 11, 13-speed
- ▶ Automatic
 - Allison Automatic: 2000, 3000, 4000 Series (EVS, RDS, HS)

Fuel Tank

- ▶ 50 – 160 Gallon Non-Polished and Polished Aluminum, Mounted Right Side, Left Side under Cab or Back of Cab

DEF Tank

- ▶ 5 – 9.5 Gallon

Tires

- ▶ Continental, Michelin, Hankook, Goodyear, Bridgestone

¹ 340 hp and 700 lb.-ft. of torque / 360 hp and 800 lb.-ft. torque ratings available for emergency vehicles only

¹ maximum GVW limited to 37,000 lbs. with Cummins B6.7L



Specifications



Every model you need. In the configuration you want.

Productivity often comes down to versatility. And there's no more versatile foundation than the HV™ Series. With configurations ranging from 4x2 to 8x6, BBCs of either 107" or 113" and set-forward or set-back front axles, plus a clean Cab-to-Axle (CA) configuration—the HV Series has what you want for virtually every possible need.

GVW

- ▶ HV513: 35,000 – 91,000 lbs.
- ▶ HV613: 35,000 – 91,000 lbs.

BBC/BA

- ▶ HV513: 113" / 29.5"
- ▶ HV613: 113" / 45.9"

Cab Configurations

- ▶ Regular Cab
- ▶ Extended Cab
- ▶ Crew Cab

Wheelbase Options

- ▶ HV513: 144" – 282"
- ▶ HV613: 128" – 254"

Axle Configurations

- ▶ HV513: 4x2, 6x4, 6x6, 8x6
- ▶ HV613: 4x2, 6x4, 8x6

Rear Axle

- ▶ SINGLE REAR AXLE (4x2)
 - Meritor: 20,000 – 38,000 lbs.
 - Dana Spicer: 23,000 – 31,000 lbs.
- ▶ TANDEM REAR AXLE (6x4)
 - Meritor: 40,000 – 52,000 lbs.
 - Dana Spicer: 46,000 – 50,000 lbs.
- ▶ TRIDEM REAR AXLE (8x6)
 - Meritor: 53,000 – 69,000 lbs..

Front Axle

- ▶ NON-DRIVING:
 - Meritor: 12,000 – 22,000 lbs.
 - Dana: 12,000 – 22,000 lbs.
- ▶ DRIVING (HV513):
 - Meritor: 21,000 lbs.

Frames

- ▶ Heat Treated Alloy Steel 120,000 PSI
- ▶ 11.25"x.5" thick super single rail

Front Suspension

- ▶ Spring, Parabolic Taper-leaf: 12,000 – 23,000 lbs.
- ▶ Spring Multi-leaf: 14,000 – 20,000 lbs.

Single Rear Suspension

- ▶ Vari-rate Spring: 23,000 – 31,000 lbs.
- ▶ International Air (IROS): 20,000 lbs.
- ▶ Chalmers: 23,000 – 30,000 lbs.
- ▶ Hendrickson Air: 23,000 – 26,000 lbs.

Tandem Rear Suspension

- ▶ Hendrickson Walking Beam: 40,000 – 52,000 lbs.
- ▶ Hendrickson Air: 40,000 – 46,000 lbs.
- ▶ Chalmers Walking Beam: 40,000 – 52,000 lbs.
- ▶ International Air (IROS): 40,000 lbs.
- ▶ International 4-Multi-leaf: 40,000 lbs.
- ▶ Raydan AirLink: 46,000 lbs.

Electrical System

- ▶ ALTERNATORS
 - Leece-Neville 12 Volt: 160 – 325 Amp
 - Delco Remy 12 Volt: 165 – 240 Amp
- ▶ BATTERIES
 - JCI 12 Volt: 2100 CCA
 - Fleetrite 12 Volt: 1980 – 3800 CCA
 - Enersys Odyssey 12 Volt: 4600 CCA

Exhaust System

- ▶ Single Canister, Aftertreatment Device Frame Mounted Right Side, Under Cab or Back of Cab
- ▶ Single Horizontal or Vertical Tailpipe

Brakes

- ▶ Air Brakes with ABS, Optional Traction Control, Optional Electronic Stability Program with Traction Control
- ▶ Air Disc Brakes

Power Steering

- ▶ Single Power
- ▶ Dual Power on Front Axles 16,000 lbs. and above

Engines

- ▶ International A26:
 - 365 – 515 hp
 - 1,250 – 1,850 lb.-ft.

Transmissions

- ▶ Automated Manual
 - Eaton Endurant: 18-speed
- ▶ Manual
 - Eaton Fuller: 10, 11, 13, 18-speed
- ▶ Automatic
 - Allison: 3000, 4000 Series (HS, EVS, RDS)

Fuel Tank

- ▶ 50 – 200 Gallon Non-Polished and Polished Aluminum, Mounted Right Side, Left Side under Cab or Back of Cab

DEF Tank

- ▶ 5 - 15.9 Gallon

Tires

- ▶ Continental, Michelin, Goodyear, Bridgestone, Hankook, Yokohama

* 340 hp and 700 lb.-ft. of torque / 360 hp and 800 lb.-ft. torque ratings available for emergency vehicles only



Here comes the boom.

Introducing the International® HX® Series. Our latest, greatest, biggest, baddest, toughest, most premium, precision sledgehammer. Built to endure, thrive and dominate any assignment, the HX Series can handle whatever you throw at it. And just like you, the HX Series can take it on the chin and keep moving forward until the job is pinned down into submission – all without breaking a sweat.

GVW

- ▶ HX520: 52,000 – 90,000 lbs.
- ▶ HX620: 53,200 – 92,800 lbs.

BBC / BA

- ▶ HX520: 120" / 29.9"
- ▶ HX620: 119" / 49.9"

Axle Configurations

- ▶ HX520: 6x4, 8x6
- ▶ HX620: 6x4, 8x6

Wheelbase Options

- ▶ HX520: 148" – 374"
- ▶ HX620: 128" – 254"

S13 Integrated Powertrain/HX620

- ▶ International S13
 - 400 - 515 hp
 - 1,250 - 1,850 lb.-ft.
- ▶ International T14
 - 14-speed automated manual transmission
 - Transmission PTO

Engine

- ▶ Cummins X15:
 - 430 – 605 hp
 - 1,650 - 2,050 lb. – ft.

Transmission

- ▶ Automated Manual
 - Eaton Cummins Endurant: 18-speed
- ▶ Manual
 - Eaton Fuller: 10, 11, 13, 18-speed
- ▶ Automatic
 - Allison: 3000, 4000 Series (EVS, RDS, OFS)

Front Axle

- ▶ Non-driving:
 - Cummins-Meritor: 12,000 – 22,800 lbs.
 - Dana Spicer: 16,000 – 22,000 lbs.

Rear Axle

- ▶ TANDEM REAR AXLE (6x4)
 - Cummins-Meritor: 40,000 – 58,000 lbs.
 - Dana Spicer: 40,000 – 52,000 lbs.
- ▶ TRIDEM REAR AXLE (8x6)
 - Cummins-Meritor: 53,000 – 69,000 lbs.

Frames

- ▶ Heat Treated Alloy Steel: 120,000 PSI
 - Main Rail: 2,037,600 – 3,536,400 RBM
 - Reinforcements: 3,580,800 – 4,854,000 RBM

Front Suspension

- ▶ Spring, Parabolic Taper-leaf: 12,000 – 22,000 lbs.
- ▶ Spring Multi-leaf: 14,000 – 24,000 lbs.

Tandem Rear Suspension

- ▶ Hendrickson Walking Beam: 40,000 – 80,000 lbs.
- ▶ Hendrickson Air: 40,000 – 52,000 lbs.
- ▶ Chalmers Walking Beam: 46,000 – 52,000 lbs.

Tridem Rear Suspension

- ▶ Hendrickson Air: 69,000 lbs.

Brakes

- ▶ Air Brakes with ABS, Traction Control
- ▶ Optional Electronic Stability Program with Traction Control
- ▶ Air Disc Brakes

Exhaust System

- ▶ Single Canister, Aftertreatment Device Frame Mounted Right Side, Under Cab or Back of Cab
- ▶ Single Horizontal or Vertical Tailpipe

Fuel Tanks

- ▶ 60 – 150 gal. Non-Polished and Polished Aluminum
- ▶ Mounted Right Side, Left Side Under Cab or Back of Cab

Electrical System

- ▶ ALTERNATORS
 - Delco Remy 12 Volt: 165 – 215 Amp
 - Leece-Neville 12 Volt: 160 – 240 Amp
- ▶ BATTERIES
 - JCI 12 Volt: 2800 CCA
 - Fleetrite 12 Volt: 1980 – 6600 CCA
 - EnerSys Odyssey 12 Volt: 3450 – 9200 CCA

Power Steering

- ▶ Single Power
 - Dual Power on Front Axles 14,600 lbs. and above



Simplifying maintenance to maximize uptime

The LT® Series is designed and engineered to optimize uptime with industry leading serviceability. All key service points under the hood, inside the cab, and around the vehicle are ergonomically designed for easy access and servicing. Many components are engineered with longer intervals between required maintenance. And when you do need service, you can count on expert technicians and an extensive parts inventory from your International® dealer.

BBC/BA

- ▶ 125" / 50"

Cab Configurations

- ▶ Day Cab
- ▶ 56" Low Roof Sleeper
- ▶ 56" Hi-Rise Sleeper
- ▶ 73" Hi-Rise Sleeper
- ▶ 73" Sky-Rise Sleeper

Axle Configurations

- ▶ 4x2
- ▶ 6x2
- ▶ 6x4

Frames

- ▶ Heat-Treated Alloy Steel 120,000 PSI

Integrated Powertrains

- ▶ International S13
 - 400 - 515 hp
 - 1,450 - 1,850 lb.-ft.
- ▶ International® T14
 - 14-speed automated manual transmission

Engines

- ▶ Cummins® X15
 - 400 - 565 hp
 - 1,450 - 2,050 lb.-ft.

Transmissions

- ▶ Automated Manual Transmissions
 - Eaton Cummins Endurant: 11, 12, 18 speed
- ▶ Manual Transmissions
 - Eaton Fuller®: 10 speed
 - Fuller: 10, 13, 18 speed

Front Axles

- ▶ Hendrickson: 12,350 - 14,000 lbs.
- ▶ Dana Spicer: 12,350 - 14,000 lbs.
- ▶ Cummins-Meritor: 12,350 - 14,000 lbs.

Front Suspension

- ▶ Spring Monoleaf: 12,350 - 13,200 lbs.
- ▶ Parabolic Taperleaf: 12,350 - 14,000 lbs.

Single Rear Axles

- ▶ Cummins-Meritor: 23,000 lbs.
- ▶ Dana Spicer: 23,000 lbs.

Tandem Rear Axles

- ▶ Cummins-Meritor: 40,000 - 46,000 lbs.
- ▶ Dana Spicer: 40,000 - 46,000 lbs.

Rear Suspensions

- ▶ Air Single
 - International: 20,000 lbs.
- ▶ Air Tandem
 - International: 40,000 lbs.
 - Hendrickson: HAS 40,000 - 46,000 lbs.

Brakes

- ▶ Air Drum Brakes with Automatic Traction Control and Electronic Stability Control
- ▶ Air Disc Brakes with Automatic Traction Control and Electronic Stability Control

Interiors

- ▶ Three Trim Levels:



Keeping you on the road to profitability

The RH™ Series began with a vision to build an incredibly productive, efficient truck that's as dependable as the people who drive them. Every aspect of the RH Series design is optimized around a driver's needs, with maneuverability, efficiency, serviceability and reliability that are among the best in the industry. And the RH Series is available in a range of configurations.

GVW

- ▶ 32,000 – 60,000 lbs.

BBC/BA

- ▶ 113" / 50"

Day Cab Configurations

- ▶ 56" Low Roof Sleeper
- ▶ 56" Hi-Rise Sleeper

Wheelbase Options

- ▶ 140 – 299" 4x2
- ▶ 152 – 270" 6x2, 6x4

Axle Configurations

- ▶ 4x2, 6x2, 6x4

Rear Axle

- ▶ SINGLE REAR AXLE (4x2)
 - Cummins-Meritor: 23,000 lbs.
 - Dana Spicer: 23,000 lbs.
- ▶ TANDEM REAR AXLE (6x4)
 - Cummins-Meritor: 40,000 – 46,000 lbs.
 - Dana Spicer: 40,000 – 46,000 lbs.

Front Axle

- Hendrickson: 12,350 – 14,000 lbs.
- Dana Spicer: 12,350 – 14,000 lbs.
- Cummins-Meritor: 12,350 – 14,000 lbs.

Frames

- ▶ Heat-treated Alloy Steel 120,000 PSI

Front Suspension

- ▶ Spring Monoleaf: 12,350 – 13,200 lbs.
- ▶ Parabolic Taperleaf: 12,350 – 14,000 lbs.

Rear Suspension

- ▶ AIR SINGLE
 - International*: 20,000 lbs.
- ▶ AIR TANDEM
 - International: 40,000 lbs.
 - Hendrickson: HAS 40,000 – 46,000 lbs.

Electrical System

- ▶ ALTERNATORS
 - Leece-Neville 12 Volt: 160, 210, 240, 325* Amp
 - Delco Remy 12 Volt: 165*, 200, 300* Amp
- * brushless type alternator
- ▶ BATTERIES
 - Fleetrite 12 Volt: 1980 – 7400 CCA
 - JCI 12 Volt: 2250 – 3000 CCA
 - Deka 12 Volt: 2920
 - Enersys Odyssey 12 Volt: 3450 – 9200 CCA

Exhaust System

- ▶ Single Canister After Treatment Device, Frame Mounted Right Side Under Cab
- ▶ Horizontal or Vertical Exhaust

Brakes

- ▶ Air Disc Brakes with Automatic Traction Control and Electronic Stability Control
- ▶ Air Drum Brakes with Automatic Traction Control and Electronic Stability Control

Integrated Powertrains

- ▶ International S13
 - 370 – 515 hp
 - 1,250 – 1,850 lb.-ft.
- ▶ International T14
 - 14-speed automated manual transmission

Transmissions

- ▶ Automatic
 - Allison 3000: 6-speed

Fuel Tanks

- ▶ 140 – 220 Gallon, Dual, Non-Polished or Polished Aluminum, Mounted Back of Cab or Under Sleeper
- ▶ 70 – 120 Gallon, Single, Non-Polished or Polished Aluminum, Mounted Back of Cab or Under Sleeper



THE NEXT GENERATION IC BUS® CE SERIES SCHOOL BUS



PUTTING SAFETY FIRST

- Standard electronic stability control
- Intellipark® electronic parking brake standard (air brake models)
- Bendix® Wingman Advanced Safety Package (air brake models) with autonomous emergency braking & active cruise control with braking features. Optional Wingman Fusion with increased capabilities
- No Student Left Behind® child monitor system
- Single panel glass on entrance door for improved driver visibility
- IC Bus Full View Camera Technology™ by Rosco® (optional)
- Tire Pressure Monitoring System (Optional)

DRIVERFIRST™ ENVIRONMENT

- Standard 'wing' style instrument panel, angled toward driver
- Premium dash cluster with 5" digital color display with custom view options
- Standard Driver HVAC system with adjustable controls for driver comfort
- Standard stalk shifter for transmission control; optional T-handle shifter
- Steering wheel switches/controls are integrated, back-lit and color-coded
- USB-A and USB-C charging ports standard
- Spacious left-hand driver storage compartment for 3-ring binder, purse, etc.
- Driver cup holder
- LED interior dome & stepwell lights, available dimmer option
- 78" interior headroom

DURABILITY & SERVICEABILITY

- Meets or exceeds FMVSS/CMVSS
- 16 gauge steel, 90G/90G galvanized coating on steel body for enhanced corrosion resistance
- 14 gauge steel threaded body bows with continuous runners connecting all roof bows for superior strength
- Spot welded body construction & framer assembled front-end
- Optional Naviflex coating available on the bumpers and fuel tank - for optimal corrosion resistance
- Improved accessibility to routine maintenance items
- 'Hood assist' dual spring struts - wide opening for serviceability

CONNECTIVITY FOR ON-TIME PERFORMANCE

- **OnCommand® Connection**
 - Factory-installed telematics with 5-year connectivity subscription
 - 24/7 diagnostics and predictive maintenance tools
 - Real time tracking and monitoring
 - Available Over-The-Air (OTA) engine programming without a service visit
 - Access to Gateway Integrations
- **IC Bus® 360**
 - Seamless communications with dealers and up-to-date repair status
 - Complete VIN-based information with specs, complete parts catalog, remote health data, and more
 - Online service request initiation and estimate approvals
 - Complete service history, up-to-date campaign information, and engine calibration status
- **Kajeet SmartBus™ wifi (optional)**

- **GVWR: Up to 33,000 lbs**
- **Passenger Capacity: Up to 83**
- **Wheelbase Options:**
158", 169", 193", 217", 236", 254", 276"
- **Single Rear Axle:**
15,500 - 23,000 lbs.
- **Front Axle:**
8,000 - 10,000 lbs.
- **Front Suspension:**
 - Parabolic Taper Leaf: 8,000 - 10,000 lbs.

- **Rear Suspension:**
 - International® Vari-Rate Spring: 15,500 - 21,000 lbs.
 - International® Ride-Optimized Suspension (IROS Air): 15,500 - 23,000 lbs.
- **Brakes including ESC, ABS and ATC:**
 - Standard: Air Drum; Optional: Air Disc & Hydraulic
- **Transmission:** Allison 2000 and 3000 series
- **Cummins® B6.7 Diesel 220-260 HP**
 - Rear Axle Ratios: 2.50 - 7.17
- **Up to 50" wheel cut**
- **65 & 100 gallon fuel tanks**
- **78" interior headroom**



www.ICBus.com

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THE NEXT-GENERATION IC BUS® CE SERIES SCHOOL BUS



PUTTING SAFETY FIRST	DRIVERFIRST™ ENVIRONMENT	DURABILITY & SERVICEABILITY	CONNECTIVITY FOR ON-TIME PERFORMANCE
<ul style="list-style-type: none">• Standard electronic stability control• Bendix® Intellipark® electronic parking brake standard• No Student Left Behind® child monitor system• Single-panel glass on entrance door for improved driver visibility• IC Bus® Full View Camera Technology™ by Rosco® (optional)• Entrance Door Alerts integrated into Dash Cluster; providing door ajar alerts if vehicle in motion & door is not properly closed	<ul style="list-style-type: none">• Standard 'wing' style instrument panel, angled toward driver• State of the Art digital instrument cluster, including visibility to state-of-charge, estimated range and more!• Standard Driver HVAC system with adjustable controls for driver comfort• Standard stalk shifter for transmission control; optional push button shifter• Steering wheel switches/controls are integrated, backlit, and color-coded• USB-A and USB-C charging ports standard• Driver cup holder• LED interior dome & stepwell lights, available dimmer option	<ul style="list-style-type: none">• Meets or exceeds FMVSS/CMVSS• 16-gauge steel, 90G/90G galvanized coating on steel body for enhanced corrosion resistance• 14 gauge steel threaded body bows with continuous runners connecting all roof bows for superior strength• Spot-welded body construction & framer assembled front end• Optional Naviflex coating available on the bumpers — for optimal corrosion resistance• Improved accessibility to routine maintenance items• 'Hood assist' dual spring struts - wide opening for serviceability	<ul style="list-style-type: none">• All vehicles include factory-installed telematics with 5-year connectivity subscription• OnCommand® Connection<ul style="list-style-type: none">• 24/7 diagnostics and predictive maintenance tools• Real-time tracking and monitoring• IC Bus® 360<ul style="list-style-type: none">• Seamless communications with dealers and up-to-date repair status• Complete VIN-based information with specs, complete parts catalog, remote health data, and more• Online service request initiation and estimate approvals• Complete service history, up-to-date campaign information, and engine calibration status

- **GVWR**
 - Up to 35,000 lbs.
- **Capacity**
 - Up to 78 passengers
- **Wheelbase Options**
 - 217", 254", 276" or 289"
- **Single Rear Axle (4x2)**
 - Dana Spicer: 21,000 or 23,000 lbs.
- **Front Axle**
 - Meritor: 10,000 or 12,000 lbs.
- **Frame**
 - Heat-treated alloy steel (120,000 PSI)
- **Front Suspension**
 - Parabolic taper leaf: 10,000 or 12,000 lbs.
- **Rear Suspension**
 - International® Ride Optimized Suspension (IROS) Air: 21,000 or 23,000 lbs.

- **12V Electrical System**
 - EnerSys Odyssey 12V 2300 CCA
- **Brakes**
 - Air disc brakes with ESC and ABS
 - Optional hydraulic brakes
- **Direct Drive Motor**
 - 650-volt, 6-phase permanent magnet motor
- **Tires**
 - 254", 276" & 289" wheelbase: 11R22.5 front and rear
 - 217" wheelbase: 255/70R22.5 front and rear
- **Rear Axle Ratio**
 - 5.57 or 6.83
- **Regenerative Braking**
 - Driver selectable, three levels
- **Peak Power**
 - 255 kW or 342 hp

- **Powertrain Batteries and Range Options**
 - 210 kWh (135 miles)
 - 315 kWh (200+ miles)
- **Charge Port**
 - Front standard or optional rear location
- **Charging**
 - Standard AC and DCFC charging ready
- **Fuel-Fired Heater**
 - Optional, left side
- **Kajeet SmartBus™ wifi available**
- **V2G Capability available**

www.ICBus.com

Note: The information and conclusions contained herein are believed to be correct at time of publication, but do not necessarily apply to similar vehicles with different specifications or with production dates after the production of this publication. Vehicles with different specifications or later dates of production may yield different results. Vehicle specifications are subject to change without notice. BAD 21001 01/2024

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NEXT GENERATION **ELECTRIC** CE SERIES



ENHANCEMENTS COMING WITH THE NEW MODEL

EV SPECIFIC 'NEXT GENERATION' UPDATES:

- Enhanced base body heat system
- Hydraulic brakes*
- Ability to increase seating capacity in most markets without having to increase body size
- Hill hold functionality



REDESIGNED DRIVER COMPARTMENT:

- Improved forward & side visibility
- Bendix® Intellipark® electronic park brake
- Enhanced dash A/C & defrost performance
- Modernized, driver-centric driver's compartment
- New ergonomic wing instrument panel
- Stalk shifter w/regenerative braking integration



**Denotes optional feature*



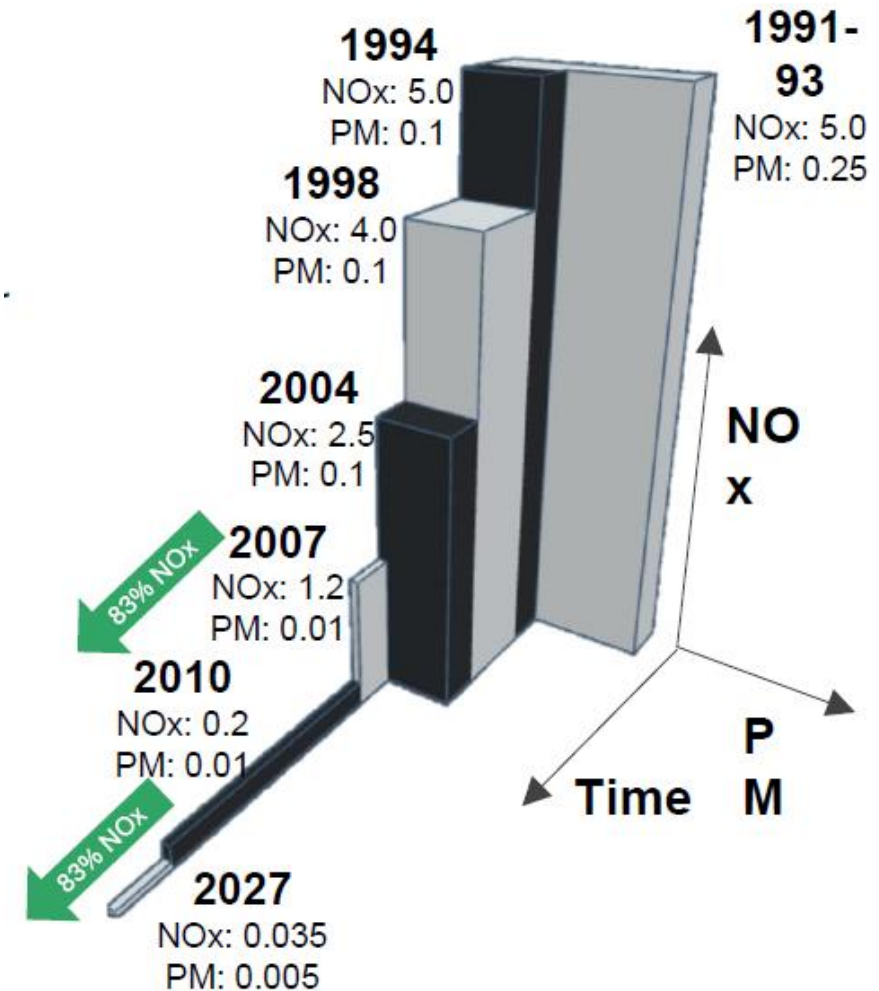
TC Series Chassis

Durable and reliable, with a rock-solid foundation, this robust chassis is easily mounted with a custom, commercial bus body that fits your specific needs. Combine with Cummins® B6.7 power (available in multiple configurations) and the comfort of tilt-wheel steering, cruise control, and full-power hydraulic brakes. With a tilt hood and the Diamond Logic™ electrical system, your mechanics have easy access to the information they need. And with an expansive parts distribution network and unmatched, 24/7 dealer support, we have you covered year after year.

Key Features		TC Series Chassis Specifications	
Wheelbase 158", 169", 205", 217", 254", 291"	Rear Suspension Vari-rate rear suspension Air-ride rear suspension with dual leveling valves (optional)	Brakes Standard hydraulic 4-channel ABS disc brakes Dual Air brake (4-channel ABS) system optional	
GVWR 22,940 - 29,800 lbs.	Engine Cummins® B6.7 diesel engine (200–300 hp / 520–735 ft-lb torque)	Axles Front Steer: Dana, Meritor, Hendrickson Rear Drive: Dana or Meritor	
Front Suspension Soft ride parabolic taper leaf with shock absorbers	Transmission Allison 2100, 2200, 2500, 2550 & 3000 PTS series Allison B-300		
Frame Heavy duty HSLA steel (50,000 psi yield) Heavy duty HSLA steel (80,000 psi yield): Optional			

TODAY'S CUMMINS DIESEL ENGINES ARE CLEANER THAN YESTERDAY'S

- 35+ years of production with over 12 million B-Series produced globally and over 2.25 million miles of preproduction experience.
- EPA'2010-24 regs are one of most stringent regs in the world. Cummins diesel engine technology has evolved over the years meeting or exceeding the regulatory standards.
 - ✓ Introduced various technologies like Variable Geometry Turbocharger, Exhaust Gas Recirculation, Selective Catalyst Reduction, Diesel Particulate Filter, Base engine combustion and efficiency improvements.
- Cummins diesel engine have delivered robust On-board diagnostics and GHG requirements while bettering Warranty and extending maintenance intervals.
- Serves wide range of applications and duty cycles from buses, trucks and vocational applications.



CUMMINS B6.7 OCTANE LAUNCH

IN THE IC BUS CE SERIES SCHOOL BUS & INTERNATIONAL MV MEDIUM DUTY TRUCK



CUMMINS B6.7 OCTANE

- ✓ EPA 2027 ultra low NOx compliant at launch & CARB 0.035 low NOx compliant at launch – 50 state compliance!
- ✓ B6.7L Octane \neq B6.7L Diesel
- ✓ Steppingstone for those not yet ready for BEVs
- ✓ Equipped with the power, durability & performance of diesel with the simplicity of gasoline.
- ✓ Warranty:
 - ✓ Truck: 3 Year unlimited mile warranty*
 - ✓ Bus: 5 Year / 100k mile warranty*

**Base warranty offerings will be the same as B6.7 Diesel*



OFFERING AT LAUNCH

Engine Rating (HP)	Peak Torque	Peak Torque Speed	Governed Power
200	600	1800	3200
220	600	1800	3200
260	600	1800	3200
300	660	1800	3200