

METRO'S ANNUAL BUS SHOWCASE

ARBOC MOBILITY

MIDDLEBURY, IND.



In less than three years, **ARBOC Mobility** has become the largest producer of medium-duty low-floor buses in North America. The Spirit of Mobility has become a favorite of many transit agencies in the U.S. and Canada. Each bus exceeds ADA requirements with a new 6 to 1 ratio ramp. No more steps and no more high maintenance lifts means that all passengers benefit from the low floor and ease of entry. The Spirit of Mobility bus is well suited for transit and paratransit service and can accommodate up to 23 passengers or up to seven wheelchair positions. There is also a variety of powertrains available.

SPECIFICATIONS

- Length: > 21 ft.-28 ft.
- Wheelbase: > 139, 159, 191, 210 in.
- Fuel Tank Capacity: > 57 gal.
- Engine Options: > 6.0L gas or 6.6L diesel
- Height: > 109 in.
- Passenger Capacity: > 12-24
- GVWR: > 12,300 lbs.; 14,200 lbs.
- Transmission Options: > Automatic
- Brakes: > Hydraulic Disc
- Chassis: > GM 3500, 4500 Cutaway

WWW.ARBOCMOBILITY.COM

DAIMLER BUSES NORTH AMERICA - SPRINTER MINIBUS

GREENSBORO, N.C.



The Freightliner Sprinter MiniBus is built longer and wider to now comfortably accommodate up to 18 people. With a "best-in-class" interior standing height of 6.25 feet and a dual-opening door of 3.2 feet, loading is quick and easy. On board, passengers relax inside a spacious interior, featuring ample storage as well as other optional onboard amenities. And, they remain relaxed the entire way in a vehicle outfitted with Adaptive Electronic Stability Program and other cutting edge safety features.

The Freightliner Sprinter MiniBus has the versatility to move greater numbers in the right way. Build one that works specifically for you or choose from five standard smart choice packages: hotel, commuter, airport, valet and paratransit shuttle. Because it is engineered with durability for a longer life, the Sprinter MiniBus delivers exceptional performance with unsurpassed reliability and economy — all aspects rather appealing to your bottom line.

WWW.DAIMLER-BUSNA.COM

SPECIFICATIONS

- Length: > 24 ft. 1 in.
- Wheelbase: > 170 in.
- Fuel Tank Capacity: > 25 gal.
- Engine Options: > MB V6 3.0L U.L.E.V.
- Height: > 105 in.
- Passenger Capacity: > Up to 18
- Fuel Options: > ULSD
- GVWR: > 11,030 lbs.
- Headroom: > 75 in.
- Transmission Options: > MB 5-speed automatic
- Brakes: > Hydraulic disc

DAIMLER BUSES NORTH AMERICA

ORION TRANSIT BUSES – MISSISSAUGA, ONTARIO AND ORISKANY, N.Y.



The third generation of the dependable and trusted Orion VII continues to shape the future of transportation as it features the integration of the next generation of clean engines to meet the 2010 Environmental Protection Agency (EPA) standards, as well as additional customer design enhancements.

The updated Orion VII hybrid, diesel and CNG models feature almost identical engine compartments so that components, lines and harnesses can be standardized across all three applications, providing ease of maintenance for the end user.

Maintenance accessibility is also a key design criteria for the updated Orion VII. For example, newly designed floor hatches provide easy access to components and connections on the engine, transmission and hybrid components. Routing and wire layouts have also been optimized to simplify installation and allow for ease of maintenance.

SPECIFICATIONS

- Length: > 30, 35, 40 ft.
- Engine > Cummins ISB, Cummins
Options: ISL-G, Cummins ISL
- Height: > 132 in.
- Passenger Capacity: > Up to 44
- GVWR: > 42,540 lbs.
- Transmission > ZF HP 594, Allison B 400R/
Options: VOITH DIWA
- Suspension: > Full Air Ride
- Width: > 101 in.
- Wheelchair Lift Option: > Ramp at front entrance

WWW.ORIONBUS.COM

DAIMLER BUSES NORTH AMERICA

SETRA MOTORCOACHES – GREENSBORO, N.C.



The **Setra** TopClass S 417 incorporates more than 30 new innovations and enhancements in key areas, making it easier to operate, more comfortable and safer than ever before. The vehicle incorporates cleaner emission standards by introducing a new **Mercedes-Benz** diesel engine with BlueTec, successfully meeting EPA 2010 emission standards. The introduction of the new engine to the Setra TopClass S 417 marks the first time a Mercedes-Benz engine and BlueTec have been introduced to a motorcoach in North America.

Safety features also are paramount with the new Setra TopClass S 417, as the coach is equipped with a Front Collision Guard (FCG). In the event of a front-end collision, the FCG module with its integrated impact-absorbing structure pushes the driver's area backward, away from harm.

The **coach** incorporates all-new premium, ergonomic luxury seating with integrated seat belts. The new seats offer everything to make the passengers ride as enjoyable as possible, with options like a drop-down table, cup holder, magazine pockets and footrests.

WWW.SETRA-COACHES.COM

SPECIFICATIONS

- Length: > 45 ft.
- Wheelbase: > 289 in.
- Fuel Tank Capacity: > 180 gal.
- Engine: > Mercedes-Benz OM 471
- Options: EPA 10
- Height: > 144 in.
- Passenger Capacity: > 56, 58 (Optional)
- Fuel Options: > Diesel
- GVWR: > 50,534 lbs.
- Transmission Options: > Allison B500R, ZF AS Tronic
- Brakes: > Air

ELDORADO NATIONAL

RIVERSIDE, CALIF. AND SALINA, KAN.

SPECIFICATIONS

- Length: > 24 ft.
- Wheelbase: > 138 in.- 186 in.
- Fuel Tank Capacity: > 37-55 gal.
- Engine Options: > Gas, Diesel
- Height: > 115 in.
- Passenger Capacity: > Up to 25
- Fuel Options: > Gas, Diesel
- Floor: > Standard
- GVWR: > 11,500 lbs.- 14,500 lbs.
- Headroom: > 80 in.
- Transmission Options: > 5-speed with overdrive
- Brakes: > Hydraulic
- Chassis: > Ford or Chevy



Aerotech is a steel-reinforced composite bus that is highly resistant to impact, rust and corrosion. The gel-coated exterior keeps its glossy finish for the life of the vehicle. Aerotech has been tested for seven years/20,000 miles at the **FTA** testing facility and also is the only vehicle in its class crash tested in an automotive testing facility.

Unlike other buses, **Eldorado's** door frames, wheelchair lift frames and step wells are made with stainless steel to ensure these critical, exposed areas will last.



The **E-Z Rider II** is a low-floor transit bus that offers exceptional passenger accessibility. This rear-engine model is built utilizing space-frame/monocoque construction. Passenger seating is available on the front wheel wells, which allows for the same seating capacity as a conventional floor bus. ADA-compliant wheelchair ramps are available at the front and/or rear-entry doors for design flexibility. The E-Z Rider II, designed and built 100 percent in the U.S., completed the 12-year/ 500,000-mile test at Altoona.

SPECIFICATIONS

- Length: > 30, 32, 35 ft.
- Wheelbase: > 160, 168, 220 in.
- Fuel tank capacity: > 80 gal.
- Engine Options: > Cummins
- Height: > 120.5 in.
- Passenger Capacity: > 29-36
- Fuel Options: > Diesel, CNG, LNG
- Floor: > Low
- GVWR: > 31,280 lbs. – 35,000 lbs.
- Headroom: > 95 in.
- Transmission: > Allison
- Brakes: > Air

WWW.ENCONLINE.COM

FREIGHTLINER CUSTOM CHASSIS CORP.

GAFFNEY, S.C.



SPECIFICATIONS

- Wheelbase: > 158 in. - 276 in.
- Fuel Tank Capacity: > 60 gal.
- Engine Options: > Cummins ISB 6.7 L 200-300 Hp
- GVWR: > 19,500-32,000 lbs.
- Transmission Options: > Allison 2100, 2200, 2500 PTS, B210, B220
- Brakes: > Hydraulic, Air

If additional power and no engine cover to step over is your goal, then look no further than the MB-65. You can choose from several horsepower ratings, with up to 300 hp and 660 lb.-ft. torque. Chassis delivers a multitude of options, including a variety of transmission options, as well as multiple suspension ratings. The durable, heavy-duty steel frame rails are available with wheelbases ranging up to 276 in. and designed to reduce flex, road vibration and bowing for a coach that delivers a comfortable, quiet ride today and for years to come.



The **Freightliner S2C** Cutaway was designed utilizing the premium features of the S2 chassis with the addition of our custom cab configuration. The S2C features a large windshield and steeply sloped hood for maximum visibility, dual a/c compressors, ADA interlocks and in-step lift compatible frame configuration. Freightliner's exceptional 55-degree wheel cut increases maneuverability, making it much easier to negotiate tight turns.

SPECIFICATIONS

- Wheelbase: > 179 in.- 300 in.
- Fuel Tank Capacity: > 60 gal.
- Engine Options: > Cummins ISB 6.7L 200-300 Hp
- GVWR: > 19,500 lbs.-33,000 lbs.
- Transmission Options: > Allison 2100, 2200, 2500, 3000 PTS Transmission
- Brakes: > Hydraulic, Air

WWW.FREIGHTLINERCHASSIS.COM

GILLIG LLC

HAYWARD, CALIF.

SPECIFICATIONS

- Length: > 29, 35, 40 ft.
- Wheelbase: > 162.5-279 in.
- Fuel Tank Capacity: > 125 gal.
- Engine Options: > Cummins
- Height: > 132 in.
- Passenger Capacity: > 32-40
- Fuel Options: > Clean Diesel
- Floor: > Low
- GVWR: > 39,600 lbs.
- Headroom: > 95/78 in.
- Transmission Options: > Allison EP40
- Brakes: > Air/Regen.



Gillig was the first transit bus manufacturer to integrate parallel hybrid-electric technology into transit buses. Now, that technology is providing fuel and emission benefits to many communities across the U.S. Other Gillig advantages include a state-of-the-art multiplex system, stainless steel chassis and an aluminum body. In addition, the buses include many unique safety, comfort and convenience features.



Gillig's BRT product is not one specific model, but rather a combination of features, styling, options and technologies that allow customers to order exactly what they need. Customers can achieve a unique look without giving up reliability and proven performance. The styled front end and matching rear can be ordered alone or in combination with roof fairings and flush side windows. The bumper is available with or without the bike rack mounting recess. Customers may also choose a hybrid drive and premium amenities.

SPECIFICATIONS

- Length: > 41 ft.
- Wheelbase: > 279 in.
- Engine Options: > Cummins
- Height: > 123.5 in.
- Passenger Capacity: > 37
- Fuel Options: > Clean Diesel, Hybrid, CNG
- Floor: > Low
- GVWR: > 39,500 lbs.
- Headroom: > 95/77 in.
- Brakes: > Air/Retard.

WWW.GILLIG.COM

IC Bus

WARRENVILLE, ILL.



The AC Series is the first-ever fully integrated small shuttle. With an all-in-one proprietary design, this exceptionally durable small shuttle is powered by a **MaxxForce 7** diesel engine and an **Allison 1000 Series** transmission. Because the AC Series is fully integrated, you'll have just one point of contact for all service needs.

Maintenance techs will appreciate its full-tilt hood and engine placement. Drivers will enjoy its responsive road handling and five-gauge cluster with visual and audible warning system. Passengers will love its soft-ride parabolic suspension and abundant features that redefine comfort. The AC Series is ideal for tour and charter operations, hotel and rental car shuttles, paratransit operations, day care or public transportation.

SPECIFICATIONS

- Length: > up to 25 ft.
- Wheelbase: > 158, 169 or 195 in.
- Fuel Tank Capacity: > 40 gal.
- Engine Options: > **MaxxForce 7**
- Height: > 118 in.
- Passenger Capacity: > 31
- Fuel Options: > **Diesel**
- Floor: > **Flat**
- GVWR: > 16,500 lbs.-19,500 lbs.
- Headroom: > 78 in.
- Transmission Options: > **Allison 1000 series**
- Brakes: > **Hydraulic with ABS**

WWW.ICBUS.COM

KRYSTAL ENTERPRISES

BREA, CALIF.

SPECIFICATIONS

- Length: > 33 ft.
- Wheelbase: > 250 in.
- Fuel Tank Capacity: > 40 gal. (gas) 68 gal. (diesel)
- Engine Options: > Ford 6.8L V-10 (gas), Ford 6.7L V-8 (diesel)
- Height: > 116 in.
- Passenger Capacity: > 25-35
- Fuel Options: > Gas, Diesel
- Floor: > Standard
- GVWR: > 19,500 lbs.
- Headroom: > 76 in.
- Transmission Options: > Ford Torqshift 5-speed (gas), Ford Torqshift 6-speed (diesel)
- Brakes: > Hydraulic
- Chassis: > Ford F-550



Featuring a pair of Ford-built 6.7L V-8 diesel or 6.8L EFI V-10 gas engines and new front end styling, the Krystal KK33 built on a redesigned 2011 Ford F-550 is your bus solution of the future. With capacities ranging from 23 to 35 people, and more standard amenities than any other minibus, the Krystal KK33 line is a great option for smaller runs. CNG and LPG green options will be available by early 2012.

SPECIFICATIONS

- Length: > 38 ft.
- Wheelbase: > 291 in.
- Fuel Tank Capacity: > 65 gal. (diesel)
- Engine Options: > International MaxxForce DT
- Height: > 127 in.
- Passenger Capacity: > 33-41
- Fuel Options: > Diesel, Diesel-Electric Hybrid, Fully Electric, CNG
- Floor: > Standard
- GVWR: > 27,500 lbs.
- Headroom: > 76 in.
- Transmission Options: > Allison 2500 (diesel), Roadranger Ultra Shift (hybrid)
- Brakes: > Air
- Chassis: > International



The often imitated, but never duplicated, 36 Passenger Krystal KK38 Touring Coach has "revolutionized" the bus industry since 2002. The KK38 has continuously featured more standard amenities than any other mid-size coach, according to Krystal.

WWW.KRYSTAL.CC

MOTOR COACH INDUSTRIES

SCHAUMBURG, ILL.



The **MCI J4500**, the industry's best-selling coach, features a wide-ride suspension, electronic stability control, a **SmartWave** tire-pressure monitoring system and fire suppression system. Options include a steerable tag axle, a tighter turning radius of 45 feet, two feet tighter than the basic configuration, three-point seat belts, a driver's seat with a three-point seat belt, LED tube overhead aisle lights and LED accent lighting as well as 110-volt power outlets and Wi-Fi connectivity.

SPECIFICATIONS

- Length: > 45.58 ft.
- Wheelbase: > 315 in.
- Fuel Tank Capacity: > 184 gal.
- Engine Options: > Cummins ISX Detroit Diesel DD 13
- Height: > 140.74 in.
- Passenger Capacity: > 56
- Fuel Options: > ULSD
- Transmission Options: > Allison B500
- Brakes: > Meritor all-wheel EX-225 disc

WWW.MCICOACH.COM

MOTOR COACH INDUSTRIES

SCHAUMBURG, ILL.



The MCI D-Series, available in 45-foot and 40-foot models, features front-axle **Koni** shocks for a smoother, responsive ride.

Electronic Stability Control, a **SmartWave** tire pressure monitoring system and an **Amerex** fire suppression system are standard, along with LED courtesy lighting in the parcel racks and four 10-inch **Blaupunkt** video monitors.

Options range from three-point seat belts to Wi-Fi connectivity to 110-volt power outlets and more.

SPECIFICATIONS

Length: > 42 ft. (D4505)/40.50 ft.

Wheelbase: > 279 in. (D4005), 318 in.

Fuel Tank Capacity: > 164 gal.

Engine Options: > Cummins ISX, Cummins ISL

Height: > 137 in.

Passenger Capacity: > 55 /w lavatory (D4505)/, 47 (D4005)

Fuel Options: > ULSD

Floor: > Standard

GVWR: > 50,000 lbs.; 46,000 lbs.

Transmission Options: > Allison B500 6-speed auto. (Cummins ISX)
Allison B500-R (Cummins ISL)

Brakes: > Meritor all wheel EX-225 disc

WWW.MCICOACH.COM

NEW FLYER OF AMERICA

ST. CLOUD AND CROOKSTON, MINN.



Xcelior features best-in-class improvements such as LED headlights with a six-year warranty, best-in-class 1:7 ramp, lowest step height, tinted skylights, improved passenger visibility and more forward-facing seats. Noise levels have been reduced and Xcelior weighs 10 percent less, which delivers improved fuel economy. Additional lifecycle savings can be realized with disc brakes, single-reduction axle and longer battery and tire life. In independent, third-party testing, Xcelior received outstanding ratings from passengers and operators and obtained best-ever ratings at Altoona for fuel economy and noise. Xcelior, better by design.

SPECIFICATIONS

- Length: > 40 ft., 60 ft.
- Wheelbase: > 284 in., 229 in. (front), 293 in. (rear)
- Fuel Tank Capacity: > 100 gal. (hybrid), 125 gal. (diesel)
- Engine Options: > Cummins ISL 280 (Options available), Cummins ISL 330
- Height: > 126 in. over A/C, 130 in. over hybrid cooling fans
- Passenger Capacity: > 42, 59
- Fuel Options: > Diesel, Diesel-Electric, Hybrid, CNG
- GVWR: > 42,540 lbs., 67,890 lbs.
- Headroom: > 79 in. over front and rear axle, 95 in. mid-coach
- Transmission Options: > Allison B400, Allison EP 40 hybrid drive, BAE HybriDrive, Voith
- Brakes: > Knorr SN7 disc brakes

WWW.NEWFLYER.COM

Nova Bus

PLATTSBURG, N.Y.



Nova LFS is the lightest and safest bus in its category, and with thousands of Nova LFS buses on the roads, that's a track record you can trust. At Nova Bus, we believe there are opportunities for cost reductions that can affect your bottom line. It is with life-cycle cost reduction in mind that we developed the LFS SMART BUS, a combination of options designed to optimize the fuel economy of your Nova LFS by up to 18 percent.

WWW.NOVABUS.COM

SPECIFICATIONS

- Length: > 40 ft.
- Wheelbase: > 244 in.
- Fuel Tank Capacity: > 125 gal.
- Engine Options: > Cummins ISL, Cummins ISB
- Height: > 124 in. with A/C
- Passenger Capacity: > Up to 41
- Fuel Options: > Clean Diesel, Diesel-Electric
- Floor: > Composite flooring (foam-filled honeycomb)
- GVWR: > 39,020 lbs.
- Headroom: > 93 in., excluding rear axle, 76 in., above rear axle
- Transmission Options: > ZF, Allison, Voith
- Brakes: > All-wheel air disk ABS with traction control

PREVOST

STE. CLAIRE, QUEBEC

SPECIFICATIONS

- Length: > 45 ft.
- Wheelbase: > 316.12 in.
- Fuel Tank Capacity: > 230 gal.
- Engine Options: > EPA 2010 Volvo D13 w/ SCR, 435 HP, 13L
- Height: > 146.25 in.
- Passenger Capacity: > 56
- Fuel Options: > Diesel
- GVWR: > 53,000 lbs.
- Headroom: > 77 in.
- Transmission Options: > Allison World 4th Gen., 6-speed auto., Volvo I-Shift, 12-speed semi-automatic
- Brakes: > Air, hydraulic



With its striking new appearance, the redesigned H-Series illustrates our passion for continuous improvement. **Prevost AWARE Adaptive Cruise Braking**, the **Prevost Electronic Stability Program** and the **Prevost Welded Rail System** take safety to a new level. The **Volvo D13** engine is the only EPA 2010 engine that uses an existing platform, so it is the only engine platform that has been tested with years of real-world road conditions. Volvo's D13 engine has superior low-end performance, smooth, quiet operation and drastically lowers emission of air pollutants. The Volvo D13, with advanced SCR, exceeds EPA emissions standards to bypass the industry in terms of environmental care.



The **X3-45** carries on the **Prevost** tradition of innovation, showcasing advanced technologies that lead the industry. The **Prevost Welded Rail System** and **Prevost Electronic Stability Program** take safety to a new level. The **Volvo D13** engine is the only EPA 2010 engine that uses an existing platform. Volvo's D13 engine has superior low-end performance, smooth, quiet operation and drastically lowers emission of air pollutants. Equipped with the **Prevost Advanced Multiplex System**, the **X3-45** delivers dependability and maximizes operational efficiency.

SPECIFICATIONS

- Length: > 45 ft.
- Wheelbase: > 334.50 in.
- Fuel Tank Capacity: > 208 gal.
- Engine Options: > EPA 2010 Volvo D13 w/ SCR, 435 HP, 13L
- Height: > 134 in.
- Passenger Capacity: > 55
- Fuel Options: > Diesel
- GVWR: > 49,600 lbs.
- Headroom: > 80 in.
- Transmission Options: > Allison World, 4th Gen., 6-Speed Auto. Trans., Volvo I-Shift, 12-Speed Semi-automatic
- Brakes: > Air, hydraulic

WWW.PREVOSTCAR.COM

PROTERRA

GOLDEN, COLO. AND GREENVILLE, S.C.



The zero-emission Proterra EcoRide BE35 35-foot composite body electric transit bus leverages advanced lithium-ion battery quick-charge technology. The ProDrive system is powered by a single UQM PowerPhase 150 permanent magnet (PM) motor, which is rated at 150 kW weak power — 100 kW continuous — and generates 650 nM of torque. The drive motor is coupled to a newly designed Borg Warner three-speed eGearDrive designed to meet heavy-duty requirements. The proprietary composite body, approximately 20 percent to 40 percent lighter than conventional steel or aluminum buses, is crash and element resistant.

SPECIFICATIONS

- Length: > 34 ft. 9 in.
- Wheelbase: > 228 in.
- Battery Capacity: > 55-74 kWh typical @ 368 volts
TerraVolt Energy Storage
- Height: > 134 in.
- Passenger Capacity: > 37 seated, 31 standing
- Power: > Battery electric – range up to 50 miles
- Floor: > Low
- Brakes: > Bendix 4 wheel disc – pneumatic with ABS

WWW.PROTERRA.COM

SUPREME CORP.

GOSHEN, IND.

SPECIFICATIONS

- Length: > 23 ft., 26 ft.
- Wheelbase: > 186 in., 200 in.
- Fuel Tank Capacity: > 55 gal.
- Engine Options: > 6.8 L gas
- Height: > 114 in.
- Passenger Capacity: > Up to 25
- Fuel Options: > Gasoline, CNG
- Floor: > Standard
- GVWR: > 14,500 lbs.
- Headroom: > 76 in.
- Transmission Options: > Automatic
- Brakes: > Hydraulic



The **Startrans** StarLiner was designed with an aggressive aerodynamic styling. Supported by the reliable Senator body, the stylish skirts and front and rear caps make this bus a perfect fit for customers that want an upscale appearance to their vehicle. The StarLiner is backed by a three-year/36,000-mile standard warranty, which solidifies the company's goal to build a better product at a more affordable price.



The **Startrans** P/S2C will meet your strictest driving needs, no matter how demanding they are. Strong steel cage sidewalls are extremely rugged to battle difficult road conditions, plus they eliminate exterior noise. The interior surfaces are stain and scratch-resistant for added durability. With floorplan offerings of up to 41 ambulatory passengers, this bus, built on the long-lasting **Freightliner** S2C chassis, is sure to provide customer satisfaction every time.

SPECIFICATIONS

- Length: > 31, 34, 37, 39 ft.
- Wheelbase: > 219, 259, 279, 299 in.
- Fuel Tank Capacity: > 60 gal.
- Engine Options: > 240 HD Cummins ISB 6.7
- Height: > 126 in.
- Passenger Capacity: > Up to 41
- Fuel Options: > Diesel
- Floor: > Standard
- GVWR: > 23,000 lbs., 26,000 lbs.
- Headroom: > 79 in.
- Transmission Options: > Allison 2200
- Brakes: > Hydraulic

WWW.SUPREMECORP.COM

TEMSA

LAS VEGAS, NEV.



The **Temsa TS-35** is exclusively distributed in North America by **CH Trading Co.** The TS-35 is the only true 35-foot frameless monocoque coach built with stainless steel construction available now in North America. This coach offers full pass-through under-floor luggage with all the options and comforts of a 45-foot coach including, but not limited to Termopane glass.

CH Trading stocks close to a million dollars in parts in various locations of the U.S. The best after sales product support and training is Temsa's and CH Trading company's main focus to reduce critical down time to increase our customer's reliability and profits. Visit the website at www.chtradingcompany.com or see all of Temsa's products and upcoming releases at www.temsa.com.

WWW.TEMSA.COM

SPECIFICATIONS

- Length: > 35 ft.
- Wheelbase: > 218.1 in.
- Fuel Tank Capacity: > 145 gal.
- Engine Options: > Cummins ISL 8.9 345HP-EPA 10
- Height: > 138.6 in.
- Passenger Capacity: > 40 plus lavatory
- GVWR: > 37,448 lbs.
- Transmission Options: > Allison B500
- Brakes: > Air

TURTLE TOP INC.

NEW PARIS, IND.

SPECIFICATIONS

- Length: > 23 ft.
- Wheelbase: > 139, 159 in.
- Fuel Tank Capacity: > 33 gal. – 57 gal.
- Engine Options: > 6.0 Gas, 6.6 Diesel
- Height: > 99 in.
- Passenger Capacity: > 15-18
 - Fuel Options: > Gas, Propane, CNG, Diesel
- GVWR: > 12,300 lbs.
- Headroom: > 75 in.
- Transmission Options: > Automatic 6-speed
- Brakes: > Hydraulic



The Terra Transport XL is Turtle Top's extended length alternative to 15-passenger vans that allows for either more seating or storage. Built on a G-Cut GM 3500 chassis, it features a welded steel roll cage for optimal safety; school bus rollover protection; a wider stance for road stability, and a low, wide entrance for easy entry and exit.

The Transport also comes in multiple passenger configurations and can be customized with a variety of features, such as TV monitors, luggage racks and reclining seats for any customer application.



The Odyssey name was established in Greek mythology and refers to an epic poem relating to the Trojan war with a long series of travels and adventures. The Turtle Top family of Odyssey buses features sophisticated styling and luxury amenities. Travel adventures in the Odyssey XL FM2, whether short or long, will provide up to 47 passengers with a comfortable riding experience.

The FM2 model comes with a long list of standard features that are considered as optional equipment on many competitive products.

Turtle Top's long history has been associated with quality relating to safety, construction, styling and ease of operation.

SPECIFICATIONS

- Length: > 37, 40, 42 ft.
- Fuel Tank Capacity: > (2) 50-gal. / (2) 40-gal.
- Engine Options: > Cummins
- Height: > 133 in.
- Passenger Capacity: > 31-47
- Transmission Options: > Allison 3000 PTS 6-speed, Allison 2100 PTS 5-speed
- Brakes: > ABS air brakes, air ride suspension
- Chassis: > Freightliner M2-106

WWW.TURTLETOP.COM

ABC COMPANIES

FARIBAULT, MINN.



The M1235 is part of ABC Companies' ongoing commitment to meet market demand for smaller group travel, providing an efficient fleet solution that delivers as much value and sophistication as its larger coach counterparts.

Assembled on a durable Freightliner S2 chassis and featuring an optimized rear suspension package, the M1235 offers a smooth ride built for the long haul. The large one-piece windshield enhances driver safety and gives passengers big tour bus viewing with unobstructed visibility.

WWW.ABC-COMPANIES.COM

SPECIFICATIONS

- Length: > 35 ft.
- Wheelbase: > 259 in.
- Fuel Tank Capacity: > 65 gal.
- Engine Options: > Cummins ISB 220HP
> 2010 Emissions
- Height: > 131 in.
- Passenger Capacity: > Up to 35
- Fuel Options: > Diesel
- Floor: > Standard
- GVWR: > 26,000 lbs.
- Transmission Options: > Allison 2100 PTS
- Brakes: > Air – Front and Rear
- Chassis: > Freightliner S2 Coach Chassis

CAIO NORTH AMERICA

McDONOUGH, GA.



The Caio G3400 provides passengers with unsurpassed ergonomics, comfort and safety. Operators benefit from the G3400's heavy-duty monocoque construction, impeccable quality and the support of over 400 service locations nationwide.

WWW.CAIO-NA.COM

SPECIFICATIONS

- Length: > 37 ft.
- Fuel Tank Capacity: > 100 gal.
- Engine Options: > Cummins ISB 280-HP
> 660-FPT or Cummins
> ISC 330-HP 1000-FPT
- Height: > 139 in.
- Passenger Capacity: > Up to 42
- Fuel Options: > Diesel
- Floor: > Standard
- GVWR: > 37,600 lbs.
- Transmission Options: > Allison B300
- Brakes: > Air

CHAMPION BUS INC.

IMLAY CITY, MICH.



The Challenger's steel-cage frame and rugged chassis deliver the ultimate in durability and safety, while foam insulation helps keep riders comfortable in any season, shutting out the worst of urban noise. Backed by a network of full-service dealers, **Champion Bus Inc.** offers the best transportation package to meet your demands. The Challenger is available in a variety of lengths and wheelbases based on a variety of chassis models — the **Ford E350**, the **Ford E450** and the **Chevrolet GMT610**. It serves a wide variety of passenger transportation applications including shuttle, paratransit and transit.

WWW.CHAMPIONBUS.COM

SPECIFICATIONS

- Length: > 21 ft.-25 ft.
- Wheelbase: > 158, 176, 190 in. (Ford);
139, 159 in. (Chevy)
- Fuel Tank Capacity: > 37 gal.-55 gal.
- Engine Options: > 6.0L Gas, 6.6L Duramax
Diesel
- Height: > 9.33 ft.
- Passenger Capacity: > 25
- Fuel Options: > Diesel, Gas
- Floor: > Standard
- GVWR: > 14,500 lbs.
- Headroom: > 78 in.
- Transmission Options: > Chassis OEM
- Brakes: > Hydraulic

GENERAL COACH AMERICA INC.

IMLAY CITY, MICH.



Built on the **Ford E450** chassis, the EZ Street low-floor affords convenient and easy passenger loading. Key features include a spacious width of 102 inches, floor height of only 12 inches after engaging the kneeling feature, rear wheel drive, self diagnosing electrical system, reliable air suspension, and ADA wheelchair ramp that flips out for easy and rapid loading.

Built with **General Coach's** exclusive "Steelgard" all-steel inner cage for superior durability, it is designed and priced to offer a great value in low-floor bus applications. Transit, paratransit and shuttle operators will love the EZ-Street for its easy passenger loading, durability and smooth ride.

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SPECIFICATIONS

- Length: > 23 ft. - 27 ft.
- Wheelbase: > 217 in., 254 in.
- Fuel Tank Capacity: > 50 gal.
- Engine Options: > 6.8L
- Height: > 9.33 ft. (111 in.)
- Fuel Options: > Gas
- Floor: > Low
- GVWR: > 14,500 lbs.
- Headroom: > 78 in.
- Transmission Options: > 5-Speed O/D
Automatic (5R110)
- Brakes: > Hydraulic

GENERAL MOTORS – FLEET & COMMERCIAL

DETROIT



SPECIFICATIONS

- Wheelbase: > 139 in., 159 in.
- Fuel Tank Capacity: > 33 gal., 57 gal.
- Engine Options: > V8 6.0L Vortec /V8 6.6L Duramax Diesel
- Fuel Options: > Gas/Diesel
- GVWR: > 9,900 lbs. - 14,200 lbs.
- Brakes: > 4-wheel disc

GM produces cutaways with GVWRs from 9,900 lbs. to 14,200 lbs., available with gas or diesel engines, ABS brakes and A/C. The chassis come in two wheelbases with single or dual rear wheels. A six-speed, automatic and heavy-duty electronically controlled transmission is standard. The transmission offers adaptive shift controls, grade braking and a wide gear ratio spread that maximizes both acceleration and fuel economy. Both the fifth and sixth gears are “overdrive” gears.

The 14,200 GVWR cutaway delivers many medium-duty benefits in a light, efficient package and features an improved body structure to meet heavy-duty commercial duty cycles, with a 10 percent increase in metal gauge thickness and added spot welds and structural adhesive on select components.

WWW.GMFLEET.COM

GIRARDIN MINIBUS

DRUMMONDVILLE, QUEBEC



SPECIFICATIONS

- Length: > 21 ft.-26 ft.
- Wheelbase: > 138, 158, 176, 190 in.
- Fuel Tank Capacity: > 40, 41, 55 gal.
- Engine Options: > 5.4L, 6.8L
- Height: > 111-118 in.
- Passenger Capacity: > Up to 25
- Fuel Options: > Gas, Propane
- Floor: > Flat, wheel housing
- GVWR: > 11,000, 14,050, 14,500 lbs.
- Headroom: > 76 in.
- Transmission Options: > 5-speed automatic
- Brakes: > Hydraulic

Micro Bird Inc., a joint venture company between **Blue Bird** and **Girardin**, designs and manufactures a complete line of shuttle and transit buses for up to 25 passengers. The propane-powered Micro Bird is now available as an affordable green solution. Flexible floor plans allow for a multitude of configurations, including special needs passengers, while standard features and options include lap and shoulder belt seating and more.

WWW.GIRARDIN.COM

GOSHEN COACH INC., THOR INDUSTRIES BUS DIVISION

ELKHART, IND.



Introducing the new GCL Low Floor from Goshen Coach. The GCL Low Floor offers the ultimate accessibility with the use of an entry ramp instead of steps and provides a clear door opening of 42 in. A feature of the GCL Low Floor is the synchronized air-ride suspension system with 4-point pneumatic height control valves. The GCL Low Floor is built on a conventional cutaway chassis with rear wheel drive (no drop box) and no modifications to the OEM drive line or engine block. With a spacious interior of 98 in., passengers are sure to ride in comfort.

WWW.GOSHENCOACH.COM

SPECIFICATIONS

- Length: > up to 27 ft.
- Wheelbase: > 176, 186, or 208 in.
- Fuel Tank Capacity: > 55 gal.
- Engine Options: > Gasoline
- Height: > 132 in.
- Passenger Capacity: > Up to 24
- Fuel Options: > Clean Diesel
- Floor: > Flat
- GVWR: > 14,500 lbs.
- Headroom: > 79 in. at aisle
- Transmission Options: > Electronic 5-speed Automatic
- Brakes: > Hydraulic

RELIABLE HIGH-OUTPUT POWER



C702D
28V/350A
220A @ Idle



C706
28V/300A
200A @ Idle

BRUSHLESS ALTERNATOR DESIGN FEATURES

- ⚙️ Fresh Air-Ducted Units – maximizing alternator output in harsh environments
- ⚙️ No oil leaks – eliminating harmful effects to the environment
- ⚙️ Design provides 70% average efficiency
= Less horsepower required
= Lower fuel consumption
= Reduced greenhouse emissions
- ⚙️ Compatible with industry hybrid drives and e-fan systems
- ⚙️ Designed and Manufactured in the USA



C703
28V/350A
220A @ Idle



C803D
28V/500A
325A @ Idle



C.E. Niehoff & Co.
CHARGING AND POWER MANAGEMENT SYSTEMS

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