

454D4/M2011 World Class Custom Coach

Dimensions

Body Length (includes integrated bumpers)	45'6" (546")
Overall Width	8'6" (102")
Overall Height	13'6" (162")
Front Overhang	6'8" (80")
Steer-To-Steer	4'2" (50")
Wheelbase	23'0" (276")
Drive-To-Tag	4'2" (50")
Rear Overhang	7'0" (84")
Lower Level Headroom	5'3" (63")
Upper Level Headroom	6'8" (80")

Monocoque Body Structure (built from the ground up...)

Custom body lengths as per project requirements
Fully integrated stainless steel structure (G-78")
Partial stainless and 6061-T6 aircraft aluminum (78"-162")
Full stainless steel undercarriage and wheel well areas
6061-T6 .0125 aircraft aluminum outer skin
3M mastics and stainless steel fasteners
Fiber-composite body components
Fiberglass, rubber, stainless and aluminum exterior trim

Axle & Suspension Systems (ZF)

#1 IFS Steer Axle, Disc Brakes, Anti-Roll	16,535 lbs
#2 IFS Steer Axle, Disc Brakes, Anti-Roll	16,535 lbs
#3 Drive Axle, Wide Base, Disc Brakes, Anti-Roll	28,660 lbs
#4 IFS Tag Axle, Disc Brakes, Anti-Roll	16,535 lbs

GVWR 78,265 lbs

ZF air brake and air suspension systems
8-channel ABS, anti-skid system
12-air accumulator tanks
Traction control
10-air bags (coach)
ZF (CDC) continuous damping system
ZF stability control system

Axles & Suspension Systems (continued)

ZF variable-ratio power steering
(DFSS) Dual Front Steer System
ZF steering slave cylinders
Tilt & Telescopic steering column
Steerable Tag axle
Integrated pneumatic leveling system

Wheels & Tires

Polished Alcoa Aluminum Wheels

Steer 22.5 X 10.5 inch
Drive 22.5 X 9.0 inch

Michelin XZA Tires

Steer 365/70RX22.5
Drive 315/80RX22.5

Fuel, Fresh Water and Waste Tanks

Fully integrated stainless steel tanks with electronic tank monitor system
Diesel Fuel: 300 u.s. gallons
Fresh Water: 225 u.s. gallons
Gray Water: 100 u.s. gallons
Black Water: 100 u.s. gallons
Waste Master Power Extension/Retraction Sewer Drain System

Powertrain

Standard Engine: Cummins 500 hp diesel
Optional: Cummins 650 hp diesel
Standard Transmission: Allison 4000MH
Optional: ZF-ASTRONIC

Standard: Two stage engine brake
Optional 1: Allison Retarder with 4000MH
Optional 2: ZF-Intarder with ZF-ASTRONIC

Cruise Control with fast-idle feature

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Electrical System (120/240 volt system)

Optional: Hybrid 4000 watt (roof-mount) solar power system
Optional: 50 amp solar power panel
Optional: Quad 2800 watt Inverter/Charger package/with remote
Standard: Dual 4000 watt Inverter/Charger package/with remote
Cummins-Onan 18kw diesel generator with remote controls
PLC control system
Marine quality circuit panels
Surge Protection system
Shoreline Multiplex hook-up package
Batteries: 4- 12 volt/8D AGM Chassis
Batteries: 6- 12 volt/8D AGM House
Batteries: 8- 12 volt/8D AGM Solar System Storage (optional)
400 amp, 12 volt engine alternator

HVAC (9-zone Heat Pump System)

Three compressor computerized system
Cooling: 91,500 BTU
Heating: 96,000 BTU
Engine driven cockpit HVAC
AUX diesel heating unit for tankage and engine in cold weather applications
Whole-coach ventilation system

Cargo Bays

234 cu.ft. total available exterior storage area (not including utility bay area)

Additional Utility Bay Area (automatic bay lighting)

Generator (curbside rear)
Chassis battery #1
House battery #2
Solar battery #3 (optional)
Heat Pump Bay (rear)
Electronics bay #1
Electronics bay #2
Engine bay (rear)
Radiator bay (streetside)

Additional Body Specifications

Aircraft quality Thermal and Sound insulation
2" wall thickness with 1/2" birch plywood sub-structure on interior
Optional: light caliber armor protection (L.L. mid-coach only)
Optional: Valid custom designed room slide-outs (up to 4 per coach)
"Gull Style" side view mirrors (remote/heated)

Windows, Windshields and Skylights

Lower Windshield 3/8" laminated auto glass with a 15% tint (SG)
Upper Windshield 3/8" laminated auto glass with a 30% tint (SG)
Side insulated frameless/flush mount windows with a 30% tint (DG)
Optional: light caliber bulletproof glass (L.L. mid-coach only)

Cockpit Features

State-of-the-Art EURO dash cluster
In-dash radar detector
In-dash Pioneer GPS/DVD/Sirius-XM/IPOD
Optional: FLIR (PathFindR)
Optional: Collision avoidance system
Bose 5.1 Dolby surround sound system
Coach intercom system
Premium am-fm 6-player CD
Built in flat screen monitor array
Rear vision system (full color)
Optional: Forward Vision (20:1 zoom CCD Camera System)
Villa leather 6-way/heated captains chairs (driver air-ride)
Power shades by Shademaster
Heat Pump zone #1 module
24 Hour Weather Radar monitor
40 channel CB radio
Custom Burlwood & Leather Dashboard
Tire Air Pressure monitor (for use in Coach & Trailer)
Smart Steering Wheel
Interior/Exterior temp-monitor
Altimeter

Entertainment

Dual roof-mount Satellite System (HDTV)

Flat Screen HDTV (LCD)

Master Suite	1-32"
Bedroom #2	1-20"
Bedroom #3	1-20"
Forward Lounge	1-20"
Main Upper Lounge	2-32" Optional: 4-32"
Rear Upper Lounge	1-42" Optional: 1-60"
Optional: Outside Entertainment Unit	1-32"

BOSE 5.1 Dolby surround sound with DVD Player

1-Main Upper Level Lounge

1-Rear Upper Level Lounge

1-Master Bedroom Suite

Premium Gaming System (buyers choice)

1-Main Upper Level Lounge

1-Rear Upper Level Lounge

1-Master Bedroom Suite

Custom built-ins throughout

Custom end and coffee tables

Additional Coach Features

AMX Touch Screen Controls throughout coach

Sleepnumber Mattress RV Edition Deluxe

Dual Air and Electric horns

Optional: Up to four Girard automatic awnings (integrated into upper body)

Optional: 10 camera CCD coach monitor system

Optional: 10 zone (FSS) fire suppression system

Premium alarm system with keyless remote access

Remote keyless central door locking system

High intensity XENON headlights

Fog lights

L.E.D. marker, turn,tail and back-up lights

High Mount "Red Strobe" emergency lights

Door bell and exterior intercom

Back-up alarm

Tow Package: 20,000 lbs

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Outdoor Entertainment System (Optional)

32" Flat Screen HDTV (LCD)
Bose speakers
Premium am-fm 6-player CD with XM radio
DVD Player
Electric cooler
BBQ grill

Cabinets

High pressure laminate cabinets with "Euro Style" hardware throughout...
Positive latches on all doors and drawers

Plumbing and Galley

Insulated/heated plumbing shafts and tankage for cold weather use.
Water pump 120 volt/12 volt marine
Automatic fresh water fill
Stainless steel galley and bathroom sinks
Premium stainless steel fixtures
Stacked washer/dryer
Dual Sub Zero under-counter Refrigerators/wine cooler
Single Sub Zero under-counter Freezer
Sub Zero ice maker
Premium electric cooktop
Fisher & Paykel dish drawer dishwasher
Microwave
Garbage disposal
Garbage compactor
Everpure water filtration system
Heated galley and bathroom solid-surface floors
Granite counter tops (or buyers choice)

Bathroom

Full size tiled shower
Premium marine toilet
Single or double vanity

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Exterior Paint Color and Design

Premium paint
Custom 4-6 color design scheme
High Gloss clear-coat finish

2011 Pricing

454D4/SM (semi-monocoque)

Cummins 500 hp diesel

Coach only base price:

\$2,000,000.00 *u.s.dollars*

Lead Time 6-8 months

454D4/FM (full-monocoque)

Cummins 650 hp diesel

Coach only base price:

\$2,700,000.00 *u.s.dollars*

Lead Time: 8-10 months

252D2/SM (matching double-decker trailer units)

Full air-Ride

Trailer base price:

\$225,000.00 - \$ 475,000.00 *u.s.dollars*

- **Fractional Ownership Program** available on a 25% owner basis with 12 weeks of usage per year. Program only available for the 454D4/FM coach.
- **Project Investors** and **Corporate Sponsorship** opportunities available.

Purchase and payment requirements are as follows:

25% payment due upon signing contract.

25% payment due upon completion of monocoque structure

25% payment due upon interior rough-out completion

25% payment due upon delivery

World Class Custom Coach

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