

LUXURY FIFTH WHEEL TOY HAULERS

MOMENTUM

BY GRAND DESIGN RV

LUXURY FIFTH WHEEL TOY HAULERS



MOMENTUM
BY GRAND DESIGN RV



GRAND DESIGN
RECREATIONAL VEHICLES

keyed alike

One key works all your locks!



MOMENTUM M-CLASS

MOMENTUM



Reclining sofa seating from the Thomas Payne Collection features LED lighted cup holders with touch button controls for the heat and massaging functions. There are even LED light strips underneath the sofa that provide a soothing glow. (395M shown)



MOMENTUM

EXTRAORDINARY LIVING. EXTREME PLAY.

Momentum and Momentum M-Class Toy Haulers are the point where absolute luxury meets mobile garage! The Toy Hauler bar has been raised with our innovative designs, quality construction, and luxurious appointments throughout. We know you will agree with us when we say that "Momentum is the place to live well and play hard!"



MyRV is a touchscreen panel that allows you to operate and monitor many of the Momentum's functions. Go wireless by downloading the FREE OneControl App on your mobile devices.



Leveling



Awnings



Slide-Outs



Generator



Tank Monitor



Water Pump



Multiple Light Zones

PUMP UP THE VOLUME

Shake it up with the available Rockford Fosgate speaker package. This premium package includes upgraded interior and exterior speakers, 12" subwoofer and 300 watt amplifier. You can feel the difference!



Rest well in the spacious master suite with your choice of a king or queen size bed (most models) and plenty of storage space. (349M shown)



Indulge yourself with stainless steel appliances, solid surface countertops, and hardwood cabinetry. (399TH shown)



Standard clearance height is 79"
with an available 92" of clearance with the sofas folded down.

Happi-Jac electric bunk system with folding sofas provides maximum headroom in the garage area. (398M shown)

BUILT TO A HIGHER STANDARD

DESIGNED FROM THE GROUND UP TO BE THE BEST TOY HAULER ON THE MARKET!

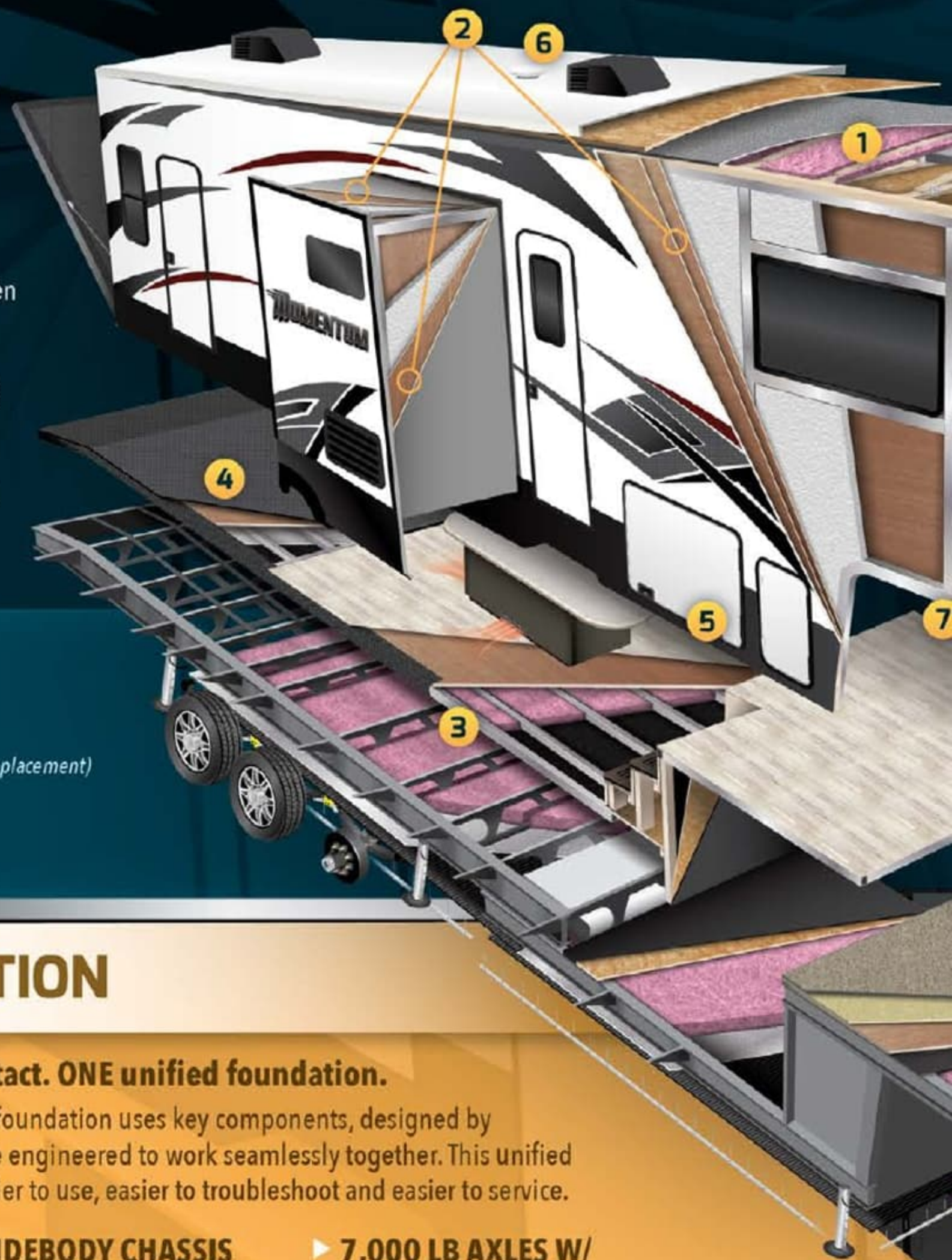


FAST RAMP

Every Momentum features "FAST Ramp" rear ramp doors with two-sided lift-assist technology. The ramp door remains at the level it is opened to and moves up and down at the slightest pressure, making it easy for one person to operate.



Momentum's design has been put to the test in extreme temperatures ranging from ZERO to 100+ degrees. Third party testing showed that the Momentum remained fully functional and retained comfortable temperatures.



BACKED TO A HIGHER STANDARD



Every Grand Design RV is backed with a class leading 3-year limited structural warranty. By selecting suppliers with similar philosophies, many components used on our coaches also carry an extended warranty through the component manufacturer.

- ▶ **FLOOR DECKING** (25 Years)
- ▶ **AXLES** (6 Years)
- ▶ **TIRE WARRANTY**
(5 Years w/12 Month no questions asked replacement)
- ▶ **EXTERIOR GRAPHICS** (5 Years)
- ▶ **ROOF COVERING** (12 Years)

EXCLUSIVE! SUPERCHASSIS

101" Wide Body Chassis - Maximum garage space, deeper sliderooms, more livable floor space and space saving pocket doors into the bathrooms.

Wide Rail Design - By locating the heavy duty 12" I-beam main rails further outward, more of the floor assembly/unit structure sits on the heart of the chassis instead of the outriggers. Wider rails also create a more stable jack stance, and allows for the slideroom gear mechanisms to be enclosed inside the frame rails (rather than outside). This solid design means that the garage area of every Momentum is rated for full GVWR capacity.



"ONE" FOUNDATION

ONE supplier. ONE contact. ONE unified foundation.

Momentum's rock solid foundation uses key components, designed by one supplier, that are engineered to work seamlessly together. This unified foundation is easier to use, easier to troubleshoot and easier to service.

- ▶ **101" WIDEBODY CHASSIS**
- ▶ **PIN BOX**
- ▶ **6-POINT HYDRAULIC LEVELING SYSTEM**
- ▶ **QUAD ENTRY STEPS**
- ▶ **ENTRY & BAGGAGE DOORS**
- ▶ **7,000 LB AXLES W/ SELF ADJUSTING BRAKES**
- ▶ **EQUA-FLEX® SUSPENSION SYSTEM WITH BRONZE BUSHINGS**
- ▶ **SLIDEROOM SYSTEMS**
- ▶ **RAMP DOOR**



* Applies to drop frame chassis models only.



MAXIMUM INSULATION

1 THERMAL ROOF DESIGN (R-40)*

Fiberglass insulation and a layer of radiant foil insulation cover the roof. Grand Design goes further by extending both insulation layers the full length of the roof and around to the bottom of the front cap.

2 FULLY LAMINATED WALLS (R-11)*

Sidewalls, ramp door, slideroom endwalls, and slideroom roof are all welded aluminum framed and laminated with rigid foam insulation. Many others use wood framing and soft fiberglass insulation in the sliderooms that can settle over time and leave uninsulated air gaps.

3 TRIPLE INSULATED MAIN FLOOR (R-45)*

The underbelly is lined with a radiant foil insulation barrier (Layer 1) and is then covered with fiberglass insulation that wraps all the way up the sides of the frame rails (Layer 2). The main floor enhances the R-Value with yet another layer of fiberglass insulation (Layer 3).

4 INSULATED GARAGE FLOOR (R-25)*

While many toy hauler garage floors are NOT insulated, we use a radiant foil barrier that provides an equivalent R-Value of 25 in the garage area.

5 1.5" INSULATED BAGGAGE DOORS

Rigid foam insulation lines the inside of our heavy duty baggage doors.

6 VENTED ATTIC

To maximize the effectiveness of the roof insulation, a vented attic allows condensation to escape the roof structure.

7 INSULATED GOOSENECK

Fiberglass insulation under the gooseneck is a place often forgotten by others.

8 RAIL-TITE UNDERBELLY SEAL

Rigid aluminum rails are fastened around the perimeter of the underbelly to keep the corrugated barrier up tight against the frame for a better seal from the elements.

MAXIMUM FUNCTION

40,000 BTU OF HEATING POWER

A high performance furnace and fireplace combine to deliver the heat.†

EVENFLOW HEATING SYSTEM

Vertically mounted heat vents integrated into the cabinet bases, push hot air from front to back (rather than straight up). This also means that there are no heat vents in the middle of the floor to collect dirt and debris and that can be broken easily.



HEATED UNDERBELLY & STORAGE BAY

To force heat into these compartments, dedicated heat ducts run to both the underbelly and storage bay. 12-volt heat pads on each holding tank and the enclosed utility center with low point drains provides functional water systems even in extreme cold.

*Equivalent R-Value

† Fireplace NA 327M (35,000BTU)

STEALTH A/C SYSTEM



43,500 BTU OF AVAILABLE COOLING POWER

Dual 15,000 BTU ACs and an optional 13,500 BTU 3rd AC



ULTRA QUIET

Up to 2x quieter than the competition.



AIRGUIDE TECHNOLOGY

Cool air is guided through the ducts and forced out of the vents for maximum cooling efficiency.



TYPICAL DUCTING

Typical ducting provides partial airflow with less cooling efficiency.



RACETRACK DUCTING

True Racetrack Ducting extends past each AC unit to allow for uninterrupted airflow from the front to the back of the coach.

M-CLASS



MOMENTUM



OPTIONAL SLIDES ON NOTED MODELS



| | 327M | 328M | 349M | 350M | 388M | 394M | 395M | 398M | 376TH | 397TH | 399TH |
|-------------------------------------|-----------------------|-----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------|------------------------|------------------------|
| UVW (lbs.) [†] | 11,900 | 12,400 | 13,500 | 13,500 | 14,300 | 15,100 | 15,400 | 15,100 | 15,900 | 15,500 | 15,900 |
| Hitch Weight (lbs.) [†] | 2,450 | 2,450 | 2,925 | 2,825 | 2,800 | 3,150 | 3,150 | 3,000 | 3,250 | 3,375 | 3,400 |
| GVWR (lbs.) | 16,500 | 16,500 | 16,500 | 16,500 | 18,500 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 |
| Length [‡] | 35' 11" | 35' 11" | 38' 11" | 38' 9" | 41' 9" | 42' 4" | 42' 4" | 44' 9" | 41' 3" | 43' 3" | 43' 4" |
| Height | 13' 5" | 13' 5" | 13' 5" | 13' 5" | 13' 5" | 13' 5" | 13' 5" | 13' 5" | 13' 5" | 13' 5" | 13' 5" |
| Axle Rating (lbs.) | 2 x 7,000 | 2 x 7,000 | 2 x 7,000 | 2 x 7,000 | 3 x 7,000 | 3 x 7,000 | 3 x 7,000 | 3 x 7,000 | 3 x 7,000 | 3 x 7,000 | 3 x 7,000 |
| Water (gal.) - Fresh Gray Waste | 117 157* 104 52 | 117 157* 104 52 | 117 157* 104 52 | 117 157* 78 78 | 117 157* 78 78 | 117 157* 78 78 | 117 157* 78 78 | 117 157* 104 78 | 117 104 52 | 117 157* 104 104 | 117 157* 104 104 |

[†]Based on average weight. [‡]Hitch to rear. *Includes optional 40-gallon auxiliary water tank (WA 375TH)

EXTERIOR & CONSTRUCTION

| | M-CLASS | MOMENTUM |
|---|---------|----------|
| 7,000 lb. Axles w/ Self Adjusting Brakes, Wet Bolts and Bronze Bushings | S | S |
| 16" Aluminum Wheels (120PSI Rated) | S | S |
| West Lake® E-Rated Tires w/NitroFill™ | S | S |
| Goodyear® G-Rated Tires - G614 (NA 327M) | O | O |
| Under Mount 16" Spare Tire | S | S |
| Drop Frame Chassis (12" over 10") | --- | S |
| Straight Frame Chassis (12") | S | --- |
| 6-Point Hydraulic Leveling System (Option on 327M) | S | S |
| Hydraulic Front Landing Gear | S | --- |
| Electric Rear Stabilizing Jacks (327M Only) (NA w/ 6-Point Leveling) | O | --- |
| Trailair® Rota-Flex™ Pin Box | --- | S |
| Trailair® Equa-flex® Suspension (NA 327M) | S | S |
| Dual Pane Window Upgrade | O | O |
| Back-Up Camera (Camera Prep Standard) (NA 327M) | O | O |
| Slide-Out Awning Toppers (NA 327M) | O | O |
| Slam-Latch Baggage Doors | S | S |
| Frameless Tinted Windows | S | S |
| Aluminum Quad Entry Steps - Main Entry | S | S |
| Aluminum Quad Entry Steps - Garage Entry (NA 376TH) | S | S |
| Exterior Security Lights | S | S |
| Power Patio Awning w/LED Lighting | S | S |
| 2nd Power Patio Awning w/ LED Lights (Option 327M) | S | S |
| 3rd Power Awning w/ LED Lights (Main Slide - 394M, 395M and 397TH only) | M | M |
| Front and Back Under Unit Blue LED Light Kit (NA 327M) | M | M |
| Folding Roof Ladder | S | S |
| High-Gloss Gel Coat Exterior Sidewalls | S | S |
| Partial Paint Gel Coat Fiberglass Front Cap | --- | S |
| White Gel Coat Fiberglass Front Cap | S | --- |
| Full Body Paint (NA 327M) | O | O |
| Door Side Exterior Spray Port | S | S |

STANDARD BUILD PACKAGES (Mandatory)

EXTERIOR PACKAGE

GARAGE PACKAGE

INTERIOR PACKAGE

WEATHER-TEK PACKAGE

INTERIOR

| | M-CLASS | MOMENTUM |
|--|---------|----------|
| Roller Shade Window Coverings (Main Living Area and Bedroom) | S | S |
| Recessed LED Puck Lighting | S | S |
| Interior Blue LED Accent Lighting | S | S |
| Raised Panel Hardwood Cabinet Doors w/Hidden Hinges | S | S |
| Sofa w/Heat, Massage, & LED Lighting Package | S | S |
| Wall Mounted "No-Pedestal" Table w/ 4 Chairs (Std 394M, 395M) | --- | S |
| Central Vacuum System (NA 327M) | S | S |
| 2 Person Dinette and Sofa Recliners - IPO 4 Seat Sofa (NA 394M, 395M) | S | --- |
| Super Sofa Upgrade - IPO Theatre Seats & Dinette (394M, 395M, 397TH, 399TH only) | O | O |

KITCHEN

| | M-CLASS | MOMENTUM |
|--|---------|----------|
| 18 Cu.Ft. Refrigerator (8 Cu.Ft. on 327M) | S | S |
| Convection Microwave (NA 327M) | O | S |
| 30" Stainless Steel Microwave w/ Ext. Vent | S | --- |
| Solid Surface Countertops w/ Sink Covers | S | S |
| Stainless Steel Undermount Kitchen Sink | S | S |
| 3-Burner Stainless Steel Range w/ 22" Oven | S | S |
| Kitchen Pantry | S | S |
| Residential Kitchen Faucet | S | S |
| Flush Mounted Range Cover | S | S |

BED & BATH

| | M-CLASS | MOMENTUM |
|---|---------|----------|
| Residential Style Headboard | S | S |
| Under Bed Storage Area (NA 376TH) | S | S |
| Individually Switched Reading Lights Over Bed | S | S |
| Bedside 110-Volt Outlets | S | S |
| 60" x 80" Queen Memory Foam Mattress | --- | S |
| 60" x 80" Queen Pillow Top Bed Mattress | S | --- |
| King Bed Upgrade (NA 376TH) | O | O |
| One-Piece Fiberglass Shower w/Glass Door | S | S |
| Skylight Above Shower | S | S |
| Porcelain Toilet | S | S |
| Medicine Cabinet w/Mirrored Door | S | S |
| Porcelain Vessel Bowl Sink | --- | S |
| Large Drop In Sink | S | --- |

AUDIO & VIDEO

| | M-CLASS | MOMENTUM |
|---|---------|----------|
| Satellite TV Prep (All TV Locations) | S | S |
| 40-48" Class LED TV in Living Area | S | S |
| Stereo Entertainment System w/Bluetooth and App Based Controls in Living Area | S | S |
| Rockford Fosgate Speaker Package w/12" Sub and 300W Amp | O | O |
| No-Crank Digital TV Antenna w/Booster | S | S |
| TV Prep in Bedroom | S | S |
| 29-32" Class LED TV in Bedroom | O | S |
| 29-32" Class LED TV in Garage (NA 327M, 328M, 349M, 376TH) | S | S |
| TV Prep in Garage (327M, 328M, 349M) | S | S |
| Stereo Entertainment System in Garage w/ DVD (NA 376TH) | --- | S |
| Exterior Entertainment Center w/LED TV & DVD (Mandatory 376TH and 399TH) | O | O |

HVAC & PLUMBING

| | M-CLASS | MOMENTUM |
|--|---------|----------|
| 12v High Power Fan (Kitchen) | --- | S |
| 12v High Power Fan - Master Bath (NA 327M) | O | S |
| 12v High Power Fan - Garage (NA 327M, 376TH or with 3rd AC Option) | O | O |
| Washer/Dryer Prep | S | S |
| 12 Gallon Gas/Electric Water Heater | S | S |
| 12v Tank Heaters (Option 327M) | S | S |
| Auxiliary 40 Gallon Water Tank (NA 376TH) | O | O |
| 35k BTU High Output Furnace | S | S |
| 15k BTU AC - Middle / Main | S | S |
| 2nd 15k BTU AC - Bedroom (Option 327M) | M | M |
| 3rd 13.5k BTU A/C (Includes Energy Mgmt. System & 3-Zone Thermostat) | O | O |
| Heat Pump A/C - Living Area | --- | O |

WEATHER-TEK INSULATION

| | M-CLASS | MOMENTUM |
|---|---------|----------|
| R-Value Equivalent (R-40 Roof / R-45 Floor / R-11 Sidewalls / R-25 Garage Floor / R-24 Slideroom Floor) | S | S |
| Fully Enclosed & Heated, Underbelly & Storage Area | S | S |
| Enclosed & Heated Low Point Drains | S | S |
| Engineered Underbelly Airflow Heat Paths | S | S |
| Insulated AC Ducts | S | S |
| Attic Vent | S | S |
| Plumbing Line Insulation Barrier | S | S |

UTILITIES

| | M-CLASS | MOMENTUM |
|--|---------|----------|
| MyRV Touchscreen Control Panel w/ App Controls | S | S |
| Generator Prep | S | S |
| Onan 5.5kw Gasoline Generator | O | O |
| All-In-One Exterior Utility Center | S | S |
| 50 Amp Service | S | S |
| Converter | S | S |
| 12v Battery Disconnect | S | S |
| Garage Control Panel (NA 376TH) | S | S |

GARAGE

| | M-CLASS | MOMENTUM |
|---|---------|----------|
| Enclosed Fuel Station w/ Dual Fuel Tanks (Single Tank 327M, 328M and 376TH) | S | S |
| Momentum Branded Patio Lounge Chairs (2) | O | O |
| Protective Diamond Plate on Garage Sidewalls | S | S |
| 2,500 lb. Rated Flush-Mount Tie-Downs | S | S |
| Ram-Air Garage Vents Both Sides (NA 376TH) | S | S |
| Tuff-Ply Gas and Oil Resistant Garage Flooring | S | S |
| Fast Ramp Rear Ramp Door (NA 376TH) | S | S |
| Happi-Jac Electric Bunk System w/ Folding Sofas (NA 376TH) | O | O |
| Quick Set Ramp Door Patio System w/ Awning (NA 376TH) | O | O |
| Ramp Door Patio Steps w/Handrail (NA 327M or 376TH) | O | O |
| Rear Cargo Loading & Backup LED Lights | S | S |
| In-Floor Garage Storage Box (NA 376TH) | --- | S |
| Removable Carpet Kit (NA 327M or 376TH) | S | S |
| Pull Down Garage Screen Wall (NA w/3-Season Garage Wall) (NA 376TH) | M | M |
| 3-Season Garage Wall (NA w/ Pull Down Garage Screen Wall) (NA 376TH) | O | O |

S Standard M Mandatory O Optional

NEW!



FULL BODY PAINT OPTIONS



Because of our commitment to continuous product improvement, Grand Design Recreational Vehicles reserves the right to change components, standards, options, specifications, and materials without notice and at any time. Photos may show optional equipment which may not be included in the standard purchase price of the featured unit. Be sure to review current product details with your local dealer before purchasing. Rev 11.17.16

STANDARDS & OPTIONS

We Strive For Nothing Less Than Customers for Life!

Thank you for taking the time to tour our coach. We would like to share some insights into what sets Grand Design RV Company apart from all other RV manufacturers and why this difference is important to you.

The three of us were part of the original ownership team that led a top RV Manufacturer to become the largest travel trailer and fifth wheel company in the world. While proud of our accomplishments at this company, it became difficult to stay in touch with the needs of our customers, employees, and ultimately the products we built.

In 2011, we set out to pursue our dream and re-establish the personal connection we had enjoyed with customers and dealers. The result is Grand Design RV Company. Starting with a blank canvas, we were able to do things differently than what had been done before.

After achieving unparalleled years of growth, Grand Design formed an alliance with one of the industry's most iconic brands...Winnebago. Operating as an independent business within Winnebago Industries provides additional financial stability and enables us to continue Grand Design's unique way of doing business for our current and future customers.

LONG TERM VALUE

Everything we do at our company is designed to build long term value in what we offer our customers, "more features and superior value for your dollar."

CUSTOMER FOCUS

Our focus (from the very first day we opened our doors) revolves around the customers.

STAYING CONNECTED

Magic happens when the President and Senior Management are all actively working in the production facilities to help build the team and develop products.

EXPERIENCED WORKFORCE

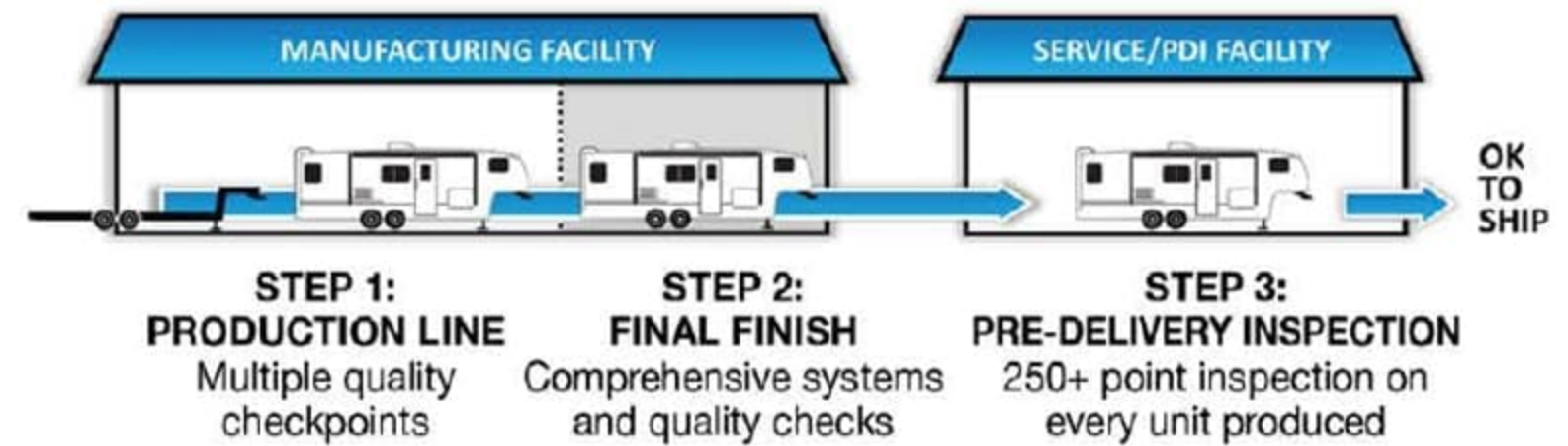
Our local workforce has been hand-picked, and has an excellent reputation for quality craftsmanship that is second to none.

CLASS LEADING WARRANTY

We back every one of our coaches by a 3-year limited structural warranty.

RAISING THE QUALITY BAR

We put every Grand Design RV through a series of quality inspection gates during the manufacturing process. Once completed, the unit undergoes a comprehensive final finish inspection. From here, most manufacturers ship their coaches on to the dealer for retail sale. Not Grand Design...Every one of our coaches are shipped to a separate PDI (Pre-Delivery Inspection) location where they are again put through a 250+ point inspection process. It is only after this that we deem a unit ready to ship to our dealers.



SUPERIOR SERVICE

We deliver the highest quality in the industry, but anything built by humans can be subject to issues. It's how those issues are addressed that stands out with Grand Design. Don't just take our word for it, visit the owners page on Facebook (Grand Design RV Owners) and see for yourself how we take care of our customers after the sale. An informed customer will be a Grand Design customer!

At Grand Design our goal is simple... Continue leading the industry with quality products while improving the customer's RV experience before, during, and after the sale. We would be honored to personally welcome you to the Grand Design RV family!

Warmest Regards,

Don Clark, Ron Fenech, Bill Fenech

President / Co-Founder

Co-Founder

Co-Founder



Grand Design RV was created in 2012 and founded by close friends Don Clark and brothers Ron and Bill Fenech (Representing over 80 combined years of experience in the RV Industry).