# Dolphin TWO THOUSAND FIVE





## LIVE THE LEGEND...

The Dolphin name has adorned some of the most beloved recreational vehicles for over forty years. That kind of longevity doesn't come easily. It takes decades of refinement on products that RV enthusiasts come back for over and over. Take a look around the 2005 Dolphin and discover what legions of loyal Dolphin owners have known for years. You'll discover a coach that's worthy of the legend that defines it.



# ... The 2005 DOLPHIN



## A 41-YEAR LEGACY OF RV EXCELLENCE!

Over the past 41 years, National RV has grown from a small camper manufacturer to one of America's premiere builders of class "A" motorbomes. Loyal Dolphin owners have grown up right along with us, graduating from campers to mini *motorhomes to luxury class "A"* motorbomes. That loyalty was earned through an unwavering commitment to quality, value and innovation.





#### **DOLPHIN'S 41-YEAR HERITAGE**

1964 Dolphin Camper Company is born and soon gains a reputation for quality and customer satisfaction.







1984 The popular Dolphin brand name has adorned micro-mini motorhomes



best we can do

DOLPHIN CAMPER CO.

San Fernando, CA home

968-1971

SINGLE LOCATION

MANUFACTURING

National RV has experienced phenomenal

growth over the past 41 years but has

grown by reinvesting in its own products

Designing and building everything at a ngle location results in consistent quality

and a stable, loyal workforce in the

whether it came from our "best" plant.

across product lines, increased efficiencies

They're all built in Perris, and they're all the

Dolphin Camper Company,

www.nationalry.com

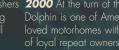
1986 Newly re-named National RV introduces the first Dolphin class "A" with a new level of luxury and styling.



1990 National RV's Dolphir



1993 The Dolphin Diesel ushers that would soon permeate all National RV motorhomes







## TAKE A VIRTUAL FACTORY TOUR!

PAGE

#### **Building a Better Motorhome**

Every RV manufacturer knows HOW to build a better motorhome; National RV chooses to DO IT. Fundamental concepts-steel is stronger than aluminum, block foam insulation won't sag like blanket insulation-determine the quality of a motorhome over the long haul. National RV chooses to adhere to those concepts. And with thousands of National RV products on the road and in use today (some for nearly 40 years now) the success of this strategy is evident in every happy owner. To learn more about what it takes to build a better motorhome, follow the virtual factory tour, which begins right here!

#### **Computer Aided Design**

Every motorhome begins as an idea. In our Engineering Department, skilled drafters use the latest Computer Aided Design software to model the coach in cyberspace, ensuring a proper design and true fit of every component before a single piece is machined or cut.



#### **ALWAYS LOOKING** FORWARD

Four decades have passed since our humble beginnings, yet there is still so much to learn. Emerging technologies, demographics and customer wants are constantly shaping the idea of what a



motorhome should be. National RV's product development team is driven by customer feedback and the possibilities of new develop, and invest in the latest ensure ever increasing levels of

Dolphin

Whether you choose the full-featured Dolphin or the luxurious Dolphin LX, both built on the awesome Workhorse W-series chassis, you will own a motorhome that far surpasses the competition in every aspect of features, quality and style. And you'll join a legion of dedicated motorhome enthusiasts whose loyalty and love for Dolphin recreational vehicles has spanned four decades.



#### **Prototyping and Toolmaking**

All molds, jigs and other manufacturing fixtures are built and maintained in-house to ensure consistent quality from part to part. While National RV takes pride in its use of the latest technologies wherever possible to improve manufacturing quality and efficiency, certain tasks still require the hands-on attention of skilled craftsmen National RV's toolmakers are an excellent example, crafting by hand the molds and jigs that will ensure the consistent style and quality of production pieces for months and years afterwar

2000 At the turn of the century

2002 Dolphin LX debuts as an Dolphin is one of America's most upscale version of the Dolphin, loved motorhomes with legions pushing the limits of luxury in gasoline motorhomes further



#### DOLPHINKEY FEATURES

#### **CHASSIS & DRIVETRAIN**

- Workhorse<sup>®</sup> W-22 and W-24 chassis
- Patented Duraframe<sup>®</sup> Chassis System
- GM<sup>®</sup> Vortec 8100 340HP engine
- Allison<sup>®</sup> 5-speed automatic transmission with overdrive

#### INTERIORS

- Professionally designed interior decors with rich, color-coordinated fabrics, a choice of fine grain hardwoods and Corian<sup>®</sup> countertops
- "Sandpiper Deluxe" residential style inner spring pillow top mattress
- Kustom-Fit<sup>®</sup> steel framed furniture
- Multiple entertainment features

#### **HEATING & AIR CONDITIONING**

- Circular Airflow air conditioning with basement-mounted 2-ton high efficiency HVAC system and dual in-ceiling ducts
- Dual 20.000 BTU ducted furnaces

#### **ELECTRICAL & PLUMBING SYSTEMS**

- Onan<sup>®</sup> 7.0kW generator
- 1,000 watt inverter/converter
- One-piece fiberglass shower
- 10 gallon gas/electric water heater

#### **EXTERIOR FEATURES**

- Patio awning with metal cover
- High gloss gelcoat fiberglass exterior
- Five spacious multiple-slide floorplans in coach lengths from 32 to 37 feet

See Complete Features List on Page 22.

Today's Dolphin is the culmination of 41 years of engineering and refinement to satisfy the most discerning RV enthusiasts in rning RV enthusiasts in





## **COME HOME TO A DOLPHIN MOTORHOME**

Every Dolphin motorhome is designed with an emphasis on home—the comforts of home, *the style* of home, the conveniences of home—the quality of home. Throughout Dolphin's vast interior expanses you'll find it all: the comfort, style, convenience and quality of a well furnished *bome*—your home.

Dolphin: there's no place like it!







DOLPHIN 5355 • PARADISE • CHERRY

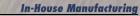
www.nationalry.com



**Custom vinyl graphics** Dolphin motorhomes feature graphics package made of gleaming polar-white fiberglass



NEWPORT Dolphin's cheerfu Newport décor suggests family fun in the surf, sand and sun.

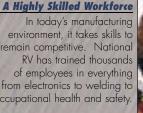


National RV strives to build as many of the coach components as possible in-house From ABS plastic thermo-forming to fiberglass to wiring harnesses, National RV is a *manufacturer*, not merely an assembler. In-house manufacturing enables National RV to closely monitor quality at every stage of manufacturing. Another benefit is that lower costs, as only one company is trying to make a profit on the same component. This is one way in which National RV is able to pack more features—and higher quality-into motorhomes than similarly priced models from competing motorhome

#### FACTORY TOUR CONTINUED

Putting Technology to Work Throughout the plant, high-tech equipment is used to turn engineered plans into precisely milled components. National RV has invested heavily in the latest manufacturing technologies to ensure consistent quality as well as to maximize manufacturing efficiencies.













#### MAJOR DIFFERENCES BETWEEN DOLPHIN AND DOLPHIN LX

## Dolphin

#### **INTERIOR STYLING**

- Paradise or Newport interior décors (shown this page)
- Standard maple or optional cherry wood

#### **KITCHEN & BATH**

- Designer vinyl flooring
- Wood cutting board sink cover
- Laminate lavy counter top
- 8 cu. ft. refrigerator standard

#### ENTERTAINMENT

- Multi-disc CD changer optional
- Home theater entertainment package optional

#### **EXTERIOR STYLING**

- Custom vinyl graphics
- Chrome electric horns optional

#### FURNISHINGS

- OptimaLeather<sup>®</sup> cockpit seating optional
   OptimaLeather<sup>®</sup> recliner
- optional



- Satin Nickel or Adobe interior décors (see pages 8-9)
- Standard maple or optional cherry or walnut wood
- Ceramic tile with inlaid accents
- Corian sink cover
- Corian lavy counter top
- 10 cu. ft. refrigerator with icemaker standard
- Multi-disc CD changer standard
- Home theater entertainment package standard
- Partial paint and vinyl graphics
- Chrome electric horns standard
- OptimaLeather<sup>®</sup> cockpit seating standard
- OptimaLeather<sup>®</sup> Euro-recliner with ottoman standard





## **DOLPHIN LX DEFINES LUXURY LIVING**

Dolphin LX takes the luxury appointments of the Dolphin motorhome a step further, with even more opulent textures and fabrics, plus a bost of standard equipment upgrades. *Further blurring* the lines between gas and diesel luxury motorbomes, Dolphin LX sets the standard of luxury out of the reach of many competing gasoline motorbomes.



Elegant light fixtures hance the beauty of Dolphin's

www.nationalry.com



Paint and vinyl custom graphics Dolphin LX features a custom exterior graphics scheme of

of two vibrant color palettes (please see

#### ADOBE

Adobe décor available on Dolphi LX motorhomes exude luxury and refinement



#### The Patented Duraframe<sup>®</sup>

In the chassis shop, the patented Duraframe<sup>®</sup> all-steel subfloor system is constructed on precision assembly jigs. Fabricated from carefully formed steel components, the Duraframe<sup>®</sup> is welded at every joint to provide unyielding strength over the long haul. The completed Duraframe<sup>®</sup> substructure is carefully lowered onto the motorhome chassis then the two are welded together to form a permanent, super-strong structure. Next, a generous coat of rust-inhibiting paint is applied to the entire assembly before it enters the main assembly line.

#### FACTORY TOUR CONTINUED

#### **Cold Hard Steel**

All of the structural components of the motorhome-subfloor structure sidewalls, floors, bulkhead and the arched roof-are fabricated from steel. Competitors may use aluminum, wood or other materials to save costs, but none are as strong as cold hard steel.









DOLPHIN LX 6320 • ADOBE • WALNUT

#### SUPERIOR CABINETRY CONSTRUCTION

Take a close look at the cabinetry inside a many thoughtful details that set Dolphin apart:

- Carpet lined kitchen cabinets reduce noise and protect your pots and pans during transit.
- Solid hardwood raised panel or flat panel cabinet doors and drawer fronts.
- Beautiful residential quality pulls, hinges and hardware.
- Telestrut hardware on upward opening overhead cabinet doors conveniently holds them open, then holds them in their positive catches when closed.
- Storage space everywhere such as a convenient vertical pull-out pantry and huge storage areas under the dinette seats with convenient slide-out storage bins
- Accuride® steel ball bearing drawer glides provide 45 lbs. of smooth operating drawer capacity; compare that to

competitors' 7 lb. drawer capacity using plastic drawer glides. These drawers are constructed using the timehonored dovetail joint method, not staples. Each drawer is finished with a solid hardwood drawer front for lasting beauty and structural integrity.

• Superior fit and finish with tigh cabinet-to-wall fit; compare this to the large gaps covered with gimp molding on competitors' motorhomes — **there is no** gimp molding in a Dolphin







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PAGE



## ENTERTAINMENT & CONVENIENCE

Many thoughtful amenities help make Dolphin the most livable coach around. From usable storage space carved into every available nook to a wide array of entertainment features and options, you may even forget that you're in a motorbome... until you realize you're in a Dolphin.



convenient place to enjoy a cup of coffee with a friend.



27" flat screen TV plays programming DVD or optional KingDome® satellite dish.

VCR/DVD combo player with video WonderBed sleeper sofa quickly distribution unit is standard on Dolphin (home converts to comfortable guest sleeping theater entertainment package optional on guarters Dolphin, standard on Dolphin LX)



Computer workstation at the passenger

DOLPHIN LX 6355 • SATIN NICKEL • CHERRY

Plenty of storage is found

roughout the motorhome

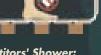
# BED, BATH & HALL

*The attention to* detail unique to Dolphin extends to the farthest reaches of the coach, down the hall and into the bedroom. Wherever you look, National RV has stacked the deck against the competition with quality and style.



**Sandpiper Deluxe** is National RV's exclusive comfort





**Competitors' Shower:** 

#### FACTORY TOUR CONTINUED

conceivable location, including the dinette

Storage space is found in every

seats

PAGE 10

**Cabinet Shop** In another part of the plant, cabinetmakers are busy crafting the wooden fixtures to be placed inside the coach. Computer Aided Design (CAD) provides precisely fit components, then skilled craftsmen bring them together into a sturdy, elegant finished product.



**Assembly Line** Once it arrives on the assemb line from the chassis shop, the building of the coach "house" begins. The floor is laid, cabinets set into place, and all wiring and plumbing routed.



#### **Tubular Steel Coach Body Frame**

In the coach body shop, all coach body components—sidewalls, floors and roofsare constructed with frames of tubular steel. Here is where precision pays off, as a properly fabricated wall frame will ensure a tight coach body structure over the long

DOLPHIN LX 6342 • SATIN NICKEL • MAPLE

## CIRCULAR AIRFLOW <sup>TM</sup>



DOLPHIN LX 6355 • SATIN NICKEL • CHERRY Aromatic cedar panels are inside the wardrobe.



Using a powerful Coleman<sup>®</sup> basement-mounted air conditioner and heat pump combined with National RV's dual in-ceiling cold air ducts, Coleman<sup>®</sup> unit features dual compressors which work together for optimum cooling efficiency—the second unit comes online only when needed. concert with the ceiling vents and intake registers mounted near the floor to provide truly circular airflow for consistent, even climate control. When fall comes, the Coleman® basement unit goes into heat pump mode to provide efficient whole-house



Extra storage is found in drawers beneath the wardrobe under the bed and throughout the coach



A variety of bathroom configurations ensure that there is a Dolphin to suit



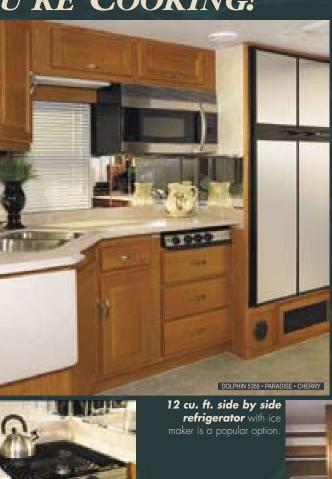
Porcelain toilet with **sprayer** shown in private toilet room with window (certain





## Now You're Cooking!

Throw away your "camping recipes"! With Dolphin's wellappointed kitchen, preparing great meals is as easy and convenient as in your bome kitchen. A large  $GE^{\mathbb{R}}$  convection microwave oven and your choice of refrigerators up to 12 cubic feet are sure to delight the chef in the family.









Corian counter extension Pull-out pantry neatly





Pull-out cabinet trays make it easy to reach those seldom-used items that tend to get pushed to the back.

Silverware drawer is

Rubbermaid organizer.

www.nationalrv.com

Stainless steel undermount sink with Corian

Hand laid ceramic tile adorns the kitchen floor of

Dolphin LX (designer vinyl flooring on Dolphin)

# LET THOSE MILES MELT AWAY

Since getting there is half the fun, we've made Dolphin's cockpit a place of comfort, convenience and performance. Long days behind the wheel will fly by with everything you need to enjoy your driving experience at your fingertips.

in the



Optional side sun shade easily deploys and stows away deploys at the touch of a button. when not in use.

**Optional electric sunvisor** 

#### **Advanced Industrial Adhesives**

National RV's lamination process uses specially formulated adhesives to permanently bond the components together into a single, inseparable piece. Computer controlled extruders precisely meter the adhesive on to the workpiece between each layer of the assembly. As the extruder passes, a fine mist of water is emitted over the adhesive as a catalyst. From this point, skilled workmen move swiftly to complete the assembly and move it into the vacuum table before the adhesive begins to cure



A Cocoon of Insulation The entire coach is literally surrounded in high density EPS block foam insulation. Each piece is precisely cut to fit between the members of the tubular steel frame then laminated into place. This insulation will never settle or sag like fiberglass blanket insulation



**Vacuum Lamination** All coach body panels are vacuum laminated for unequaled strength and durability. This process uses advanced adhesives and vacuum to bond the various components into a single, inseparable unit



## KUSTOM-FIT<sup>®</sup> SEATING

Built especially for coordinated fabrics, this seating exceeds the comfort and quality of exclusive cold poured foam and fully welded years of driving and

#### **Push-button** transmission **shifter** is featured on units built on W-24 chassis.

**Rear vision** camera with updown pan.



Instruments are clearly and intuitively labeled, and switches are illuminated for easy night time identification

Pantographic windshield wipers (left) clean a wider swath of windshield than typical radial windshield wipers (right) of similar blade length.

www.nationalry.com

#### COLD POURED SEAT FOAM HAS A **10 YEAR WARRANTY!**

Each cushion is formed as a single piece, molded in the correct shape. Competitors' seats are pieced together from blocks of foam which can come unglued and fall apart.

#### STEEL SEAT FRAME

Constructed of welded tubular steel for superior strength; carries a lifetime warranty.



96" driving space: The contoured fiberglass lower skirt effectively creates a 96" (standard width) driving space for a coach that boasts all of the living space of a 102" wide body motorhome. This makes it easier to maneuver through parking lots and tight spaces without striking curbs and other obstructions with the coach's lower body skirting.

PAGE **]**3





#### FACTORY TOUR CONTINUED

In the Basement Stylishly contoured molded fiberglass compartment doors flank either side of the coach. EPS foam insulation runs throughout the basement floors, ceiling and doors. Paddle latches and gas charged struts aid in opening compartment doors with ease.



#### National RV's professionally designed interior décors comé to life in the upholstery shop, where bolts of opulent fabrics are transformed into richly ecorated window treatments, throw pillows, bedding and more.

# Reap What We Sew

#### The Main Assembly Line

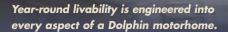


The heart of National RV's production facilities is the main assembly line. Here, a never-ending procession of motorhomes makes its way *sideways* through the plant on a specialized rail system. A veritable beehive of activity, the main line is where most of the coach's manufactured components are installed-name brand appliances, comfortable furnishings, interior lighting and fixtures. Near the end of the line, special UV-resistant graphics are applied and a nearly complete new motorhome

PAGE 14

Shown in standard configuration.

### FOUR SEASONS COMFORT



#### DUAL IN-CEILING INSULATED AC DUCTS

Insulated for optimum efficiency, with adjustable registers to ensure even climate control or targeted climate zones.

State of the local division in the local div

**CIRCULAR AIRFLOW™** AIR CONDITIONING Please see page 11.

**CENTRALLY LOCATED** MONITOR PANEL With automated climate controls.

#### 35.000 BTU DUCTED FURNACE

Plus a second, 20,000 BTU furnace on 5375/6375.

#### A COCOON OF INSULATION

The entire coach is enveloped in highly efficient EPS block foam insulation, laminated right into the sidewalls, floor and ceiling.

#### FAN-TASTIC<sup>®</sup> VENT

With thermostat and rain sensor for automatic coach ventilation.

#### **OPTIONAL WINDOW** AWNINGS

Help to protect the coach interior from direct sunlight.

#### **DUAL PANE** WINDOWS



SP.





Standard equipment dual pane windows are insulated and tinted for UV protection.

## FULL FEATURED INSIDE & OUT!

Walk around a Dolphin and you'll discover an uncommon attention to detail. Open a storage compartment door and see through the cavernous storage bays, all the way to the other side. Run *a hand along* the sleek. molded fiberglass body panels and feel the quality that sets Dolphin apart from the others.



#### FULL-FEATURED ELECTRICAL SYSTEM



50-amp service & cord provide plenty of shore power for comfortable living. Power cord plugs into sidewall receptacle for easy nookup and storage

1,000 watt inverter/converter wi emote on/off switch (optional 2,000 watt

Two 6V deep cycle house batteries and one 12V maintenance-free chassis battery, located in convenient entry step battery compartment.

> Remote battery disconnect switch allows quick, convenient isolation of house batteries to prevent power drain

**Onan<sup>®</sup> generator:** The reliable Onan<sup>®</sup> 7.0 kW generator provides plenty of powe no matter how far you are from civilization.

**Resettable breakers:** Control of Dolphin's advanced house electrical system is at your fingertips with an ingenious new breaker panel conveniently located inside the coach. Now, rather than having to carry—and find—extra fuses whenever a circuit is overloaded, simply push the breaker to reset it. All circuits are clearly labeled for easy identification

Wall switches for ceiling lights are centrally located to make turning ceiling lights on or off more convenient.

10W solar panel keeps batteries charged up during prolonged periods of inactivity.

4-point hydraulic leveling jacks are more reliable and provide better stability than 3-point and pneumatic leveling systems



Triple entry step is easier to climb than a double-step.





Huge storage bays provide





and reduced wind noise

job of checking tire pressure guick and easy.

#### FULL-FEATURED PLUMBING SYSTEM

All plumbing controls are clearly labeled intuitively arranged and housed in a molded ABS, easy-to-clean compartment with drainage basin.

Inlet to pump allows drawing fresh water from provided for pressurized water hookups.

Thoughtful conveniences include an outside shower and soap dispenser

Color-coded water lines throughout the coach allow easy identification for quick troubleshooting.

Three water pump switches conveniently located at kitchen, bathroom and plumbing



#### It's Starting to Look Like a Motorhome

By the time the sidewall is set into place on a National RV motorhome, many man- and machine-hours as well as the best materials and methods have already contributed to creating the sturdiest and all around best-performing motorhome sidewalls available. National RV's unique method for attaching the sidewall places no shear forces on the fasteners. Rather, the weight of the sidewall rests upon a sturdy ledge of steel. Screws are used to hold the wall laterally to the edge of the coach floor, but do not bear the weight of the sidewall and roof assemblies



**CNC** Precision National RV has been at the forefront of implementing new technologies in RV manufacturing. An excellent example is the CNC router. This advanced machine uses a computer-numerically-controlled (CNC) router to precisely cut windows and other openings in the sidewalls. Routedout pieces aren't wasted-they're further shaped into insulated, sounddeadening panels for our heated basement storage compartments



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6

61



#### BASEMENT COMPARTMENTS

High-mounted mirrors allow un obstructed walk-around and "overview" of adjacent traffic lanes



Halogen automotive headlights provide a broad pattern of bright, white light.





Pantographic hood hinges ished" backside of hood peak to National RV's attention to quality and detail even in eldom-seen areas of th<u>e coac</u>h



Easy access to engine naintenance points

Dolphin's storage compartments rival those of motorhomes costing thousands more, and far surpass any competitors in Dolphin's price range.

#### FIBERGLASS DOORS

The industry standard is to save thousands of dollars at your expense by using cheap, plain looking flat panel compartment doors. By contrast, Dolphin's compartment doors are hand made with a stylishly contoured, molded fiberglass shell. Unlike the industry standard flat panel doors, these doors curve inward closer to the road to avoid rocks, curbs and other road hazards. EPS block foam insulation is laminated into the door, which is finished with a durable stainless steel piano hinge and convenient paddle latch.

#### LAMINATED FLOORS

Dolphin's storage compartment floors are made with the same vacuum lamination process as the sidewalls, roof and coach floor. This includes sturdy 1/4'' decking and thick EPS block foam insulation. Compare Dolphin's storage compartments to the industry standard rotocast plastic "tubs" that are cheaper, weaker and provide no insulation value.

#### **GAS CHARGED STRUTS**

Dual gas charged struts make loading and unloading gear a breeze. They lift the door for you, then hold it up out of your way.





## WORKHORSE/DURAFRAME CHASSIS SYSTEM

A tall, diesel-like stance 22.5" wheels

deep bus-style basement storage

A great home needs a solid foundation, and that's exactly what Dolphin's Workborse W-Series chassis and National *RV's Duraframe* provide. Together they form the Duraframe Chassis System, the strongest platform around on which to build a fully equipped multiple slideout luxury

WORKHORSE W-SERIES CHASSIS At the heart of Dolphin is the awesome Workhorse W-Series chassis, integrated into the Duraframe Chassis System. The W-Series chassis blurs the lines between gas and diesel performance. With brawny 22,000 lb. and 24,000 lb. GVWRs (for the W-22

the largest, most luxuriously equipped gasoline



#### GM Vortec 8100 engine.

- 8.1L displacement • 340 peak HP @ 4,200 RPM • 2100 MH on W-24 chassis
- 455 lbs./ft. Peak torque @3,200 RPM



#### Allison transmission

- 1000 series on W-22 chassis
- 5-speed automatic with
- Touch pad electronic shifter on
- units built on W-24 chassis

#### ALWAYS CHECK THE CARGO CARRYING CAPACITY

When shopping for a motorhome, be Capacity (CCC). This is the final calculation for the amount of cargo you may safely carry in the coach, which is the Gross Vehicle passengers, holdina

tanks, etc. Make sure the manufacturer has accurately figured the weights in the calculation, including the *number* of passengers. competing motorhomes leave very little

Capacity

is slightly higher, we believe it is well worth the price for the peace of mind of having enough CCC.

CCC that is insufficient for your cargo

bringing the comforts of home along wit

you is important to enjoying the RV

lifestyle. That's why we've set

Cargo Carrying Capacity in every 2005 motorhome we

build. If the CCC is too low, we build

the coach on a higher GVWR chassis to

Dolphin motorhomes are built on the W-24 chassis. Though the cost of the W-24

ninimum standards for sufficient

www.nationalre.com

#### THE DURAFRAME CHASSIS SYSTEM

The Duraframe Chassis System is a marriage of National RV's patented Duraframe® all steel subfloor technology and the Workhorse® W-Series chassis The Duraframe® Chassis System is specifically engineered to provide the strength that today's multiple slide-out motorhomes require—all within the chassis system itself. Other manufacturers rely on

very short engine cover, resulting and high frame rails permit

Low-set engine allows a

in a more open, diesel-like

cockpit area.

he coach sidewalls to absorb much of the stresses of traveling and carrying the coach's weight. But the multiple slide-outs of today's luxury motorhomes blow huge holes in that strategy. That's why the Duraframe® Chassis System builds all of the strength necessary to support the coach into the chassis system itself—below the

Dolphin's wheel wells

for a formidable

floor line and below the slide-outs Rigidly fabricated of welded tube and plate steel, the Duraframe® Chassis System provides all of the necessary structural rigidity to the coach while also enabling huge bus-like pass through basemen storage bays

motorHOME.

FACTORY TOUR CONTINUED

PAGE 18

5,000 lb. tow hitch: Dolphin's Class III hitch is anchored directly to the all-steel Duraframe® Chassis System

**Rigid-mounted** components like the LPG equipment are rigidly anchored in the cold hard steel of the

Tubular steel risers made of thick-wall rectangular steel

Flush-floor slide mechanism technology the chassis rails to provide deep Precise rack and pinion slide

NOTE: Some components and their locations as shown in this photo may differ slightly from the actual components of the chassis used in the Dolphin motorhome. This photo is intended only as a general representation of the Duraframe Chassis System and is not intended to represent actual components and their location.

#### Steel outriggers:

uses rigid sheet steel outriggers to provide uniform coach edges. Truss-like arrangement of outriggers and other steel strength and rigidity to the overall motorhome.

All-steel bulkhead combines The Duraframe® Chassis System with the tubular steel cage-like

frames of the sidewalls and roof to surround the driver and cold hard steel



#### **Cap Placement**

Front and rear caps are fully loaded with grills, light fixtures and other component before being delivered to the assembly line. Skillful coordination of manufacturing processes are required to ensure a steady flow of components to the line from assembly areas throughout the plant. Once the caps are in place, the motorhome 'shell" is complete—with the motorhome surrounded in brilliant, protective, stylishly molded fiberglass. Further up the line, windows and doors are installed as finish work continues on the coach interior and exterior.

Hand Molded Fiberglass

Front and rear caps, compartment doors

and one-piece showers are manufactured

in National RV's state-of-the-art fiberalass

production facilities. Pure unfilled resins

and quality glass fiber are applied, with

extra reinforcement applied in critical

Duraframe® Chassis System

tubing lift the coach floor above provides residential livability storage bays with pass-through mechanisms are attached directly to the Duraframe® for superior



The gleaming high gloss gelcoat of the fiberglass components will become the beautiful exterior finish of the motorhome. Extra care is aken in the fiberglass finishing shop to buff each componen to a mirror finish.



### SUPERIOR COACH BODY CONSTRUCTION

National RV uses an advanced vacuum laminatio quality materials in the construction of the fully insulated roof, walls and floor.

#### TUBULAR STEEL FRAME

Stronger and less susceptible to work fatigue than aluminum and won't decay like wood.

#### **CROWNED ROOF**

The best RV roof in the business is built with arched tubular steel roof trusses. The crowned roof has radius edges for superior runoff.

#### **FIBERGLASS ROOF SKIN**

A seamless barrier against moisture; more durable and easier to maintain and repair than rubber or aluminum.

#### <sup>1</sup>/<sub>4</sub>" STRUCTURE-WOOD<sup>®</sup>

This oriented strand board (OSB) from Weyerhauser carries a 25 year warranty and is used for both the roof deck and interior ceiling panel.

#### **EPS BLOCK FOAM INSULATION**

Used throughout the coach in every laminated coach body component. This foam won't settle or sag like spun fiber-glass insulation. Insulation is up to 6" thick in the roof, and completely surrounds the coach living areas. It's even in the floor!

#### **1/4" THICK MAHOGANY PLYWOOD INTERIOR** WALL PANEL

A thick, firm interior wall surface that's tough enough to anchor our cabinetry...and whatever pictures or fixtures you care to hang, wherever you want to hang them. Competitors' thin interior wall surfaces "give" when you push them, revealing their weakness beneath the surface, with reinforcements built in only where necessary to attach cabinets. Our interior wall surfaces are 1/4" thick and rigid throughout!

#### **HIGH GLOSS GELCOAT EXTERIOR**

Exterior sidewall surface is made of a high gloss fiberglass gelcoat that is *molded into* a luan backing then vacuum laminated to the sidewall structure. The result is excellent resistance to delamination and long-lasting great looks.

#### BETTER WAY TO MOUNT A SIDEWALL

The National RV sidewall is placed on top of the steel floor framework. Some manufacturers use screws to fasten the sidewall horizontally to the edge of the floor. This places the fastening screws under an enormous amount of shear force, and the sidewall and everything above it, such as the roof — is literally being held up by a few small screws! With the National RV method, the weight of the sidewall rests on the steel framework of the floor. Which would you prefer?





# **BUYING A NATIONAL RV IS JUST THE BEGINNING**

When you buy a Dolphin motorhome. you become a member of the National RV family. Through a wide variety of after-the-sale service and support benefits to supporting our Owners Club and local club rallies and functions, National RV strives to foster a close, mutually beneficial relationship with the owners of our products.

Emergency roadside assistance National RV provides a complimentary first year of coverage by Coach Net® America's leading provider of 24-hour Net® provides free trip planning, service scheduling assistance, travel maps coverage for your towed vehicle and Loach Net. much more BB. 880.1725

CONTRACTOR D www.nationalry.com

> Parts distribution centers on both coasts ensure fast, curate parts delivery no matter ere you are in National V's vast network of factory. ized service centers.



In addition to hundreds of at dealers throughout North America, National RV operates Distribution Centers in California of these centers.

Backed as well as they're built National RV stands behind its product with

National RV also boasts one of America's best RV warranties, including a **5 year/ unlimited miles** structural warranty and one year/unlimited miles house warranty. Please see the warranty booklet for specific



RATIONALEY

National RV Owners Club and local chapters. Membership in the Club is complimentary with your purchase of a National RV.



great food and fun activities are all part of every GetAway. You may also seek the assistance of tour the latest National RV products and hear the latest



#### **Seeing is Believing**

We invite you to come to the factory and see for yourself the quality workmanship that goes into every National RV. Here you can walk the assembly line and witness the process as raw steel, fiberglass and other components are skillfully crafted into a complete, finished motorhome.

Plant tours are conducted daily from the main entrance of our manufacturing facilities at 3411 N. Perris Boulevard in sunny Perris, California.



every coach is subjected to a simulated rainstorm—with all of the slide-outs extended



## **Ready for Delivery!** Finally, quality auditors test every component of the coach for proper

operation. After a thorough cleaning, the interior fabrics-carpets, seats and furniture-are covered in protective plastic to ensure delivery of a clean, tidy motorhom





FACTORY TOUR CONTINUED







#### **Special edition** Getaway T-shirts

have become coveted Getaway event.

## THE ISLANDER

The Islander newspaper is published for the benefit of all National RV owners. A subscription to the Islander



National RV Owners Club membership,

- Product Spotlights
- Tech Tips
- Events Schedules
- Company News
- GetAways
- Reader's Letters
- Interesting Destinations
- Photos and reports from past events
- Regional club info

of The Islander!

#### Regional Clubs

Many regional clubs cater to National RV owners in their local areas. National RV is committed to supporting these clubs through the Islander Newspaper, support cooperation through the GetAways and the National RV Owners Club. To find a National RV affiliated regional owners club near you, please visit the National RV website at www.nationalrv.com



## **FEATURES AND SPECIFICATIONS**

# Dolphin

#### ■ = Standard Equipment ◦ = Optional Equipment

#### **EXTERIOR & COACH BODY CONSTRUCTION**

- Duraframe<sup>®</sup> patented steel sub floor construction
- Steel framed laminated floor
- Steel framed crowned laminated fiberglass
- roof Steel framed laminated fiberglass high gloss walls
- Front and rear molded high gloss fiberglass caps and integrated bumper assembly
- Full panoramic tinted windshield Soft fabric ceiling material
- Electric slide-out room with overhead cabinets (flush floor on lounge slides only)
- Insulated fiberglass exterior storage compartment doors with integrated paddle latches and gas struts
- Steel framed exterior storage compartment with insulated bottoms
- Lighted storage and service compartments Exterior assist handle
- Full height interior assist handle
- Aluminum rear ladder
- Awning rail/rain gutter with drip spouts
- Automotive undercoating
- Steel insulated front bulkhead
- Custom vinyl exterior graphics with two available color schemes
- Custom combination paint and vinv exterior graphics with two available color schemes

#### **COCKPIT FEATURES**

- Big button AM/FM cassette stereo and CD with four speakers
- Multi-disc CD change
- Driver and passenger reading lights with switches
- Custom designed dash with full gauge package
- Convenience tray
- Audible turn signals
- Chrome electric horns
- Pantographic windshield wipers
- Power steering
- Cruise control
- Tilt steering wheel

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- Oversized steering wheel with power steering
- Motorized rear vision system with built-in microphone
- Overhead dash fans (2 speed)

- Power heated double convex rear view Passenger work station with 12V/120V
- receptacle and phone jack in console Aviation style sun visors
- • Electric sun visors
- • Manual driver/passenger side sun shade
- 4-point hydraulic leveling jacks with dash mounted controls
- Generator hour meter and auxiliary start switch on dash
- Exterior temperature sensor Wrap around privacy curtain with easy
- reach wand

#### **APPLIANCES & ACCESSORIES**

- 8 cu. ft. double door refrigerator and pantry 10 cu. ft. double door refrigerator with ice maker and pantry
- 12 cu. ft. four door refrigerator with ice maker (no pantry)
- N/A 5320 AND 6320 High output three burner cooktop with drawers below with flush mount Corian®
- range cover • High output three burner cooktop with range/oven and flush mount Corian®
- range cover GE<sup>®</sup> SpaceSaver convection microwave
- oven with carousel, built-in light and fan Cable TV hook-up and multiple phone jacks
- TV antenna
- RCA<sup>®</sup> 27" flat screen TV in living area RCA<sup>®</sup> 20" flat screen TV with front A/V
- iacks in bedroom
- 2-way radio with (4) handsets and built-in rechargeable flashlight
- Exterior entertainment package: Includes a 19" stereo TV, AM/FM stereo with CD on a swivel base located in an exterior compartment on a full-extension slide tray with two fixed speakers mounted by the
- exterior TV Home theater entertainment package: Includes an RCA® DVD digital receiver and speaker/subwoofer system
- RCA® DVD/VCR combo
- Video control box with antenna boost
- Pre-wired for the Kingdome<sup>®</sup> satellite dish
- KingDome<sup>®</sup> auto-stationary satellite dish Combination washer/dryer
  - N/A 5320, 5342, 6320 AND 6342

#### FURNITURE

- Kustom-Fit<sup>®</sup> vinyl 6-way power driver recliner seat with swivel base
- Kustom-Fit<sup>®</sup> vinyl passenger recliner seat with swivel base
- Kustom-Fit<sup>®</sup> soft touch OptimaLeather<sup>®</sup> cockpit seating package: Includes a soft touch OptimaLeather® 6-way power driver seat with swivel base and a soft touch OptimaLeather<sup>®</sup> manual passenger seat with swivel base

Kustom-Fit<sup>®</sup> Wonder-Bed<sup>®</sup> fabric sleeper sofa with slide-in armrests

Cedar lining in wardrobe and bed

Bedspread, pillow and shams

Slide-out queen bed with storage

5320, 6320, 5342, 6342, 5355 AND 6355

Mirrored wardrobe with drawers and

Wall dresser with drawers and hamper

Slide-out queen bed with pull out drawers

"Sandpiper Deluxe" residential-style pillow

storage compartment

5375, 6375, 5376 AND 6376

and storage compartment

top mattress (60"x80")

50 Amp 120V distribution panel

breaker distribution panel

1,000 watt inverter/converter

(2) 6V deep cycle house batteries

Porch light with interior switch

wall mounted switches

Cosmetic light in bathroom

and service compartment)

GFI protected electrical circuit

bedroom areas

**PLUMBING & LPG SYSTEMS** 

Outside shower

Kitchen Area

Bathroom Area

Water filter

access to hook-ups

Water heater bypass valve

**Coach Exterior** 

50 Amp shore power cord with user-

12V re-settable push button house circuit

■ 7.0 kW Onan<sup>®</sup> Marquis series generator

• 2.000 watt inverter/converter with remote

on/off switch and four 6V deep cycle

Battery disconnect switch for house batteries

120V patio receptacle and phone jack

Recessed fluorescent lights in ceiling with

Designer light fixtures in living and

Three water pump switches (kitchen, bath

10 watt solar panel (mounted on roof)

Courtesy light at entry-door switch panel

Heated systems compartment with easy

Holding tank rinse system (black tank only)

Pressurized water fill with integrated regulator

10 gallon, quick-recovery water heater

Single lever faucet with side sprayer

Residential single lever shower faucet

with direct spark ignition (gas/electric)

One-piece fiberglass angled shower with seat

On demand' water system and pump

Winterization antifreeze inlet to pump

Battery voltage meter in monitor panel

friendly exterior wall receptacle

**ELECTRICAL SYSTEM & LIGHTING** 

house batteries

(1) 12V chassis battery

Systems monitor panel

hamper below

5342 AND 6342

- Kustom-Fit<sup>®</sup> Wonder-Bed<sup>®</sup> soft touch Optima-Leather<sup>®</sup> sleeper sofa with slide-in armrests Kustom-Fit<sup>®</sup> freestanding vinyl swivel recliner chair with footrest
- Kustom-Fit<sup>®</sup> freestanding soft touch Optima-Leather<sup>®</sup> swivel recliner chair with footrest
- Kustom-Fit<sup>®</sup> freestanding fabric bedroom lounge chairs with ottoman 5376 AND 6376 ONLY

#### INTERIORS

#### Throughout Coach

- Maple paneling and doors
- • Cherry paneling and doors • Walnut paneling and doors
- Telestrut hardware on overhead doors and positive catches on others
- Drawers with ball bearing roller guides Cockpit
- Floormats

#### Living Area

- Booth dinette with slide-out storage drawers • Dining cabinet/table with built-in table extension, two high-back wooden chairs and two wooden folding chairs N/A 5320 AND 6320
- Plush carpet with deluxe pad
- Day/night shades with designer valances Hutch and overhead with beveled mirror
- 5355 AND 6355 Solid raised panel cabinet doors

- Kitchen Area Slide-out pantry (not available with 12 cu. ft. refrigerator option)
- Corian<sup>®</sup> kitchen countertop with Corian<sup>®</sup> flush mount stove cover
- Corian<sup>®</sup> countertop extension
- N/A 5375 AND 6375 Beveled mirror above galley backsplash Large stainless steel sink with wood cutting
- block sink covers Large stainless steel kitchen sink with
- Corian<sup>®</sup> sink covers
- Wastebasket
- Designer vinyl flooring Ceramic tile flooring with inlaid tile accents
- Venetian mini-blind with valance
- Rubbermaid<sup>®</sup> silverware organizer tray

#### Bath Area

- Designer vinyl flooring
- Ceramic tile flooring with inlaid tile accent
- Decorative glass shower door
- Laminate lavy top with decorative edge Corian<sup>®</sup> lavy top
- Medicine cabinet

Bedroom Area

Linen cabinet with four drawers (washer/ dryer prep) 5355, 6355, 5375 AND 6375

Day/night shades with designer valances

Plush carpet with deluxe pad

#### Porcelain toilet with sprayer Single lever lavy faucet

SAFETY FEATURES

detectors

packaae

WEIGHT RATINGS (LBS.,

Gross vehicle weight rating

Gross combined weight rating

Front gross axle weight rating

Rear gross axle weight rating

Unloaded weight rating

Cargo carrying capacity

MEASUREMENTS

Overall height with satellite

TANK CAPACITIES (GAL

Fresh water capacity (incl. w.h

Water heater capacity

Gray tank capacity

Black tank capacity

LP-Gas (volume w.c.)

Wheelbase

Overall length

Overall height

Interior height

Interior width

Exterior width

Maximum carrying capacity

#### Daytime running lights

- Driver and passenger three point seatbelts Deadbolt lock on entry door
- Fire extinguisher
- Smoke, carbon monoxide (CO) and LPG
- Emergency exit window

#### WINDOWS, DOORS & AWNINGS

- Dual pane radius tinted safety glass windows Patio awning with metal cover\* (electric)
- awning with triple slide units)
- Living room and bedroom window awning

#### Bedroom rear picture window

- Radius entrance door with clear glass,
- shade and screen door
- Power triple entrance step with light and anti-skid surface
- Ventilated windows on sides of slide-out
- rooms (lounge slides only)
- Slide-out topper awnings
- Toilet room with window
- Tinted skylight in bathroom

#### CLIMATE CONTROL SYSTEMS

- Coleman<sup>®</sup> 2-Ton high efficiency basement mounted air conditioner and heat pump with ceiling ducting
- 35,000 BTU electronic ignition furnace N/A 5375, 6375, 5376 AND 6375
- Dual 35,000/20,000 BTU electronic

#### ignition furnaces 5375, 6375, 5376 AND

#### Ducted heating system

- 12V Fan-Tastic<sup>®</sup> Vent with wall thermostat and rain sensor
- 12V roof exhaust fan in bathroom
- Non-powered roof vent in bedroom
- Dash automotive heating and air conditioner system with defroster

#### WORKHORSE® W-SERIES CHASSIS SPECIFICATIONS

- W-22 122 000 lb GWAR
- MODELS 5320, 6320, 5342, 6342 AND 5355 • W-24 (24,000 lb. GVWR)
- MODELS 6355, 5375, 6375, 5376 AND 6376
- Michelin<sup>®</sup> XRV 235/80 R22.5 tires
  22.5" steel wheels with stainless steel liners
- 4-wheel disc brakes with hydro-boost and ABS
- 5.38:1 drive axle ratio
- 75 gallon fuel capacity
- 5,000 lb. Class III hitch
- 145 amp alternator3 years/36,000 miles warranty

#### **GM® VORTEC 8100 ENGINE SPECIFICATIONS**

- 8.1 liter displacement
- 340 HP @ 4.200 RPM peak horsepower
- 455 lb./ft. @ 3,200 RPM peak torque
- 3 years/36,000 miles warranty

#### ALLISON<sup>®</sup> TRANSMISSION SPECIFICATIONS

- 1000 Series featured on W-22 chassis
- 2100MH Series featured on W-24 chassis
- 5 speed automatic with overdrive
- Touch pad electronic shifter on W-24 chassis
- 3 years/36,000 miles warranty

AND 6376 ONLY										
)	5320	6320	5342	6342	5355	6355	5375	6375	5376	6376
	22,000	22,000	22,000	22,000	22,000	24,000	24,000	24,000	24,000	24,000
	26,000	26,000	26,000	26,000	26,000	30,000	30,000	30,000	30,000	30,000
	8,000	8,000	8,000	8,000	8,000	9,000	9,000	9,000	9,000	9,000
	15,000	15,000	15,000	15,000	15,000	15,500	15,500	15,500	15,500	15,500
	18,600	18,910	19,220	19,400	19,470	19,870	TBD	20,840	TBD	TBD
	3,400	3,090	2,780	2,600	2,530	4,130	TBD	3,160	TBD	TBD
	1,956	1,646	1,336	1,156	1,086	2,686	TBD	1,782	TBD	TBD
	5320	6320	5342	6342	5355	6355	5375	6375	5376	6376
	208″	208″	228″	228″	228″	228″	242"	242"	242"	242"
	33′ 9″	33′ 9″	34′ 9″	34′ 9″	36′ 0″	36′ 0″	37' 2"	37' 2"	37' 2"	37' 2"
	11' 10"	11' 10"	11' 10"	11' 10"	11' 10"	11' 10"	11' 10"	11' 10"	11' 10"	11' 10"
	12' 6"	12' 6"	12' 6"	12' 6"	12' 6"	12' 6"	12' 6"	12' 6"	12' 6"	12' 6"
	<b>79</b> ½"	<b>79½</b> ″	<b>79</b> ½″	<b>79½</b> ″	<b>79</b> ½″	<b>79½</b> ″	79½″	<b>79½</b> ″	<b>79</b> ½″	<b>79</b> ½″
	<b>98½</b> ″	<b>9</b> 8½″	<b>98</b> ½″	<b>9</b> 8½″	98½"	<b>9</b> 8½″	<b>9</b> 8½″	<b>98½"</b>	<b>9</b> 8½″	<b>9</b> 8½″
	102"	102"	102"	102"	102"	102"	102"	102"	102"	102"
.)	5320	6320	5342	6342	5355	6355	5375	6375	5376	6376
	10	10	10	10	10	10	10	10	10	10
ı.)	90	90	90	90	90	90	82	82	82	82
	45	45	60	60	60	60	60	60	60	60
	45	45	47	47	47	47	42	42	42	42
	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2

NOTE: Due to continuing product improvements, specifications and equipment are subject to change without notice. Weights stated are based on a typical build of standard and optional equipment, but some variance in weights from coach to coach is normal and to be expected. Please consider these factors BEFORE you buy.



## **EXTERIOR & INTERIOR COLOR CHOICES** INTERIOR DECORS

**EXTERIOR GRAPHICS** 

DOLPHIN



Newport



Paradise

Paradise

DOLPHIN LX



Adobe



Satin Nickel





Adobe

#### **INTERIOR WOOD FINISHES**



Cherry (optional)





YOUR AUTHORIZED DOLPHIN DEALER IS:

NATIONAL R.V., INC. 3411 N. Perris Boulevard Perris, California 92571 (800) 322-6007 · Fax (951) 943-8498

#### www.nationalrv.com

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Satin Nickel



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