



## **MILLENNIUM UNIT #1521**

### **2010 H3-45 S2**

#### **CHASSIS SPECS**

#### **GENERAL**

LENGTH, OVERALL	45.0 FT.
WHEELBASE	316.12 IN.
WIDTH, OVERALL	102.0 IN.
HEIGHT, OVERALL	149.0 IN.
FLOOR-TO-CEILING HEIGHT	83.0 IN
CABIN FLOOR HEIGHT (FROM THE GROUND)	63.0 IN.
USABLE CABIN FLAT FLOOR LENGTH (NO WHEEL HUMPS)	37.5 FT.
UNDER-FLOOR STORAGE	505 CU.FT.
UNDER-FLOOR COMPARTMENTS DOORS WIDTH	48.5 IN.
ENTRANCE DOOR WIDTH	27.0 IN.
STEP HEIGHT	14.0 IN.
GROUND CLEARANCE	11.0 IN.
OVERHANG (INCL. BUMPER) — FRONT	75.0 IN.
OVERHANG (INCL. BUMPER) — REAR	107.0 IN.
TURNING RADIUS	41.8 FT.
BODY CONSTRUCTION (STRUCTURE)	INTEGRAL STAINLESS STEEL
BODY CONSTRUCTION (OUTER SHELL)	FIBER COMPOSITE
BODY CONSTRUCTION (SUB-FRAME)	LOW-ALLOY/HIGH TENSILE STEEL
FUEL TANK (US GALS.)	230
FUEL FILLER NECKS ON BOTH SIDES	
GROSS VEHICLE WEIGHT RATING (LBS.)	54,500
AXLE DESIGN LOAD CAPACITY (LBS.) – FRONT	18,000
AXLE DESIGN LOAD CAPACITY (LBS.) – DRIVE	22,500
AXLE DESIGN LOAD CAPACITY (LBS.) – TAG	14,000
CHASSIS WET WEIGHT - WITH DRIVER A/C (LBS.)	31,140
A/C REFRIGERANT	134 A



## **TIRES AND WHEELS**

MICHELIN 315/80R22.5 (DRIVE)  
MICHELIN 365/70R22.5 (FRONT & TAG)  
ALCOA ALUMINUM RIMS  
22.5 X 10.5 IN. (FRONT & TAG AXLES)  
22.5 X 9 IN. (DRIVE AXLE)

## **POWERTRAIN**

DETROIT DIESEL SERIES 60 W/EGR 14L-515HP (5-YR. WARRANTY)  
3-SPEED ENGINE COOLING FAN  
ALLISON WORLD B500, 6-SPEED AUTO. TRANS. (5-YR. WARRANTY)  
CRUISE CONTROL  
ALLISON HYDRAULIC TRANSMISSION RETARDER  
PNEUMATIC DRIVE BELTS TENSIONERS  
TURBO BOOST GAUGE  
ENGINE COOLANT FILTER  
RACOR FUEL FILTER

## **BRAKES**

ALL-DISC BRAKES WITH ABS AND ELECTRONIC STABILITY PROGRAM  
FRONT WHEELS BRAKE BOOSTERS TYPE 27  
DRIVE WHEELS BRAKE BOOSTERS TYPE 24-24  
TAG WHEELS BRAKE BOOSTERS TYPE 14-16  
PARKING BRAKE BOOSTER ON TAG WHEELS

## **STEERING AND SUSPENSION**

SMART WHEEL  
PNEUMATIC TILT & TELESCOPIC STEERING WHEEL  
ZF SERVOCOM CONSTANT POWER STEERING  
ZF SERVOCOMTRONIC VARIABLE POWER STEERING  
INDEPENDENT SUSPENSION SYSTEM  
STEERING SLAVE CYLINDER  
FRONT & DRIVE AXLES SWAY BARS  
INTEGRATED PNEUMATIC LEVEL-LOW LEVELING SYSTEM  
LIFTABLE TAG AXLE



## **ELECTRICAL SYSTEM**

FULLY MULTIPLEXED ELECTRICAL SYSTEM

12-VOLT EXT. LIGHTING

24-VOLT MAIN SYSTEM

SHELL ALTERNATOR (DRIVER A/C) 140 AMPS

MILLENNIUM INSTALLED HOUSE ALTERNATOR 335 AMPS

## **FACTORY-INSTALLED OPTIONAL EQUIPMENT**

FACTORY SLIDE-OUTS (ALL-ELECTRICAL) 2 SLIDES

ROADSIDE FRONT 2' 6"

REAR 2' X 10' 10"

HIGH-INTENSITY HEADLIGHTS

FOG LIGHTS

RAMCO REMOTE CHROME HEATED REARVIEW MIRRORS

CENTRAL ELECTRICAL DOOR LOCKING SYSTEM

REMOTE KEYLESS LOCKING (ENTRANCE DOOR)

REMOTE KEYLESS LOCKING (COMPARTMENT DOORS)

TRAILER HITCH PACKAGE (20,000 LBS.)

LOW FUEL WARNING LIGHT

COURTESY LIGHTS BLINKER SWITCH

ENGINE AND COMPARTMENTS LIGHTING

ISRI AIR ADJUSTABLE SEAT (6800)

5 COLOR FACTORY EXTERIOR PAINT W/SPECIAL EFFECT AND SUPER CLEAR COAT

BACK-UP SOUND ALARM

HEADLAMPS CLEANING

XENON HEADLAMPS

## **GENERAL**

LIGHTWEIGHT GRANITE COUNTERTOPS

AIR POCKET DOORS WITH ROD LESS CYLINDERS

FLEXFOIL INSULATION ON INTERIOR OF SHELL

MARINE GRADE ELECTRICAL WIRE

LUTRON HOMEWORKS ILLUMINATION CONTROL SYSTEM WITH REMOTE DIAGNOSTICS OPTION



5 CRESTRON TOUCH SCREEN CONTROLLERS LINKED TO LUTRON HOMEWORKS OPERATING SYSTEM WITH I-PHONE / I-TOUCH AND LAPTOP CONTROLS  
FULLTIME INTERNET WI-FI NETWORK CONNECTION  
RUSSOUND CAV6.6 SIX-ZONE A/V PROCESSOR  
(2) DVD/VCR RECORDERS WITH DIGITAL TUNERS  
(2) SATELLITE DVR RECEIVERS  
CEILING ACCENT ROPE LIGHTING THROUGHOUT USING LED TECHNOLOGY  
MARINE GRADE SOLID BRASS ADJUSTABLE OVERHEAD LIGHTS  
MULTI-ZONE AQUA HOT HEATING SYSTEM  
INTERIOR AND EXTERIOR LED LIGHTING  
MOTORIZED HUNTER DOUGLAS CELL SHADES  
FRONT AND REAR CUSTOM SPOILERS

## **STATEROOM**

MAIN VANITY  
32" FLAT SCREEN LCD MONITOR  
AIPHONE INTERCOM WITH BUILT IN MONITOR TO VIEW ENTRY DOOR  
MASTER LIGHTING SWITCH ON THE REAR NIGHTSTAND PLUS CRESTRON WIRELESS PANEL  
ELECTRIC BLACK-OUT SHADES  
PRE-WIRE FOR CEILING FAN  
CARBON MONOXIDE DETECTOR  
SMOKE DETECTOR  
SPECIAL LIGHTWEIGHT SOUND INSULATION PACKAGE  
FABRICA CARPETING WITH HIGH DENSITY PADDING  
TEMPER-PEDIC KING SIZED ADJUSTABLE BED  
LEFT AND RIGHT END TABLES AT HEAD OF THE BED  
DRAWER BENEATH THE FOOT OF THE BED  
MIRRORED CEILING  
CUSTOM BEDDING  
CARPET LINED WARDROBE CABINETS WITH CEDAR CEILINGS

## **LAVATORY**

120-VOLT VANITY LIGHTING  
120-VOLT OUTLET IN BOTTOM AND INSIDE UPPER VANITY CABINET  
FANTASTIC VENT OVER SHOWER AREA WITH COVER  
FANTASTIC VENT WITH COVER IN COMMUNE ROOM  
AQUAHOT HEATER



PORCELAIN FLOORING  
GRANITE COUNTERTOPS  
SHAMPOO AND SOAP HOLDER  
LOWER VANITY CABINET WITH FLUSH DOORS AND DRAWERS  
HEADHUNTER ELONGATED COMMODOE WITH HOMETECH BIDET  
CUSTOM CURVED SHOWER  
MEDICINE CABINET

## **GALLEY**

GE SIDE BY SIDE FULL SIZED REFRIGERATOR WITH 23.3 CUBIC FEET OF STORAGE  
BREW EXPRESS COFFEE MAKER (RECESSED AND HARD PLUMBED)  
TWO BURNER COOK TOP  
STACKED BOSCH WASHER AND DRYER UNITS  
MARINE-GRADE POWER PANEL  
AQUAHOT HEATER  
CENTRAL VACUUM  
CUSTOM GRANITE STARBURST MEDALLION INLAY IN PORCELAIN FLOOR  
BOOTH DINETTE  
SMOKE DETECTOR  
PORCELAIN FLOORING WITH ELECTRIC FLOOR HEAT  
FRANKE BEECH SINK SYSTEM WITH ACCESSORIES  
SINGLE HANDLE FAUCET WITH BUILT-IN SPRAYER  
UNDER COUNTER PULL OUT TRASH CONTAINER  
FULL SIZED PANTRY  
LIGHTWEIGHT CABINET CONSTRUCTION WITH WOOD VENEER AND POLYESTER FINISH  
FISCHER PAYKEL DISH DRAWER

## **FRONT LOUNGE**

WORKSTATION WITH MOTORIZED POP UP COMPUTER/TV/CRESTRON TOUCH SCREEN/WIRELESS KEYBOARD  
AND MOUSE.  
FIBERGLASS WINDOW SILLS  
MOTORIZED HUNTER DOUGLAS CELL SHADES  
SOFA (ELECTRIC FRAME) ON DRIVER'S SIDE WITH STORAGE BELOW  
PORCELAIN FLOOR  
EKRONE RECLINER



## **PILOT AND CO-PILOT SEATING AREA**

TIRE PRESSURE MONITORING SYSTEM

110 VAC AND 12 VDC OUTLETS

KENWOOD/GARMIN AM/FM/DVD/GPS/MP3

MAPPING SYSTEM

15" ADJUSTABLE MONITOR AT PASSENGER SEAT

COLOR LCD BACKUP MONITOR WITH I-CONTROL FUNCTION

CB RADIO

MAP LIGHTS FOR CO-PILOT AND DRIVER

MASTER CONTROL SWITCHES

ELECTRIC PRIVACY SHADES

MAP STORAGE AND DRINK HOLDER

CUSTOM PORCELAIN FLOORING WITH STARBURST GRANITE MEDALLION INLAY ON LANDING

CARPETING BELOW THE DRIVER'S SEAT

ISRINGHAUSEN AIR RIDE DRIVER'S SEAT

CUSTOM WOOD DASH PANELS

CUSTOM ENTRY DOOR DESIGN

SLIDE STEPWELL COVER

OPEN SHOE STORAGE IN STEPWELL

CUSTOM STEERING WHEEL WITH SMART FUNCTIONS

VILLA 28" WIDE CO-PILOT SEAT WITH THE FOLLOWING OPTIONS: RECLINE, FOOTREST, ELECTRIC SIX WAY POWER BASE, MASSAGE, HEATING, MAP STORAGE AND DRINK HOLDER

## **EXTERIOR GENERAL EQUIPMENT**

UPPER AND LOWER LED BLUE ROPE LIGHTING

CB ANTENNA

CELLULAR PHONE ANTENNA

AM/FM ANTENNA

GPS ANTENNA

DIGITAL TV ANTENNA

INMOTION TRACSTAR SATELLITE

DISH WITH (2) RECEIVERS

COLOR DIRECTIONAL BACKUP CAMERA ON REAR OF COACH

AIPHONE DOORBELL / CAMERA NEXT TO ENTRANCE DOOR



2 FULL LENGTH ROOF MOUNTED AWNINGS AND 2 SLIDE AWNINGS  
(6) LED CURB LIGHTS  
4 HIGH POWERED AIR HORNS IN NOSE FOR WIND NOISE REDUCTION  
HWH ONE-TOUCH LEVELING SYSTEM  
GENERATOR ROOF EXHAUST  
CUSTOM PAINTED REAR WINDOW GRAPHICS  
AQUAHOT ROOF EXHAUST  
SIDE MARKER LIGHT TRIM  
CHROME PLATED HEATED SIDE MIRRORS  
LICENSE PLATE HOUSING-POLISHED S/S  
MICROWAVE VENT  
LED LIGHTS ON TOP AND BOTTOM OF COACH

## **BAY COMPARTMENTS**

1 <sup>ST</sup> BAY	101 CUBIC FEET OF STORAGE (CURBSIDE OR ROADSIDE)
2 <sup>ND</sup> BAY	75 CUBIC FEET OF STORAGE (CURBSIDE)
3 <sup>RD</sup> BAY	34 CUBIC FEET OF STORAGE (CURBSIDE)

(8) 4D MARINE DEEP CYCLE BATTERIES  
(4) 3500 WATT OUTBACK INVERTERS  
100 AMP VANNER BATTERY EQUALIZER  
BATTERY TIE-IN RELAY (CONNECTING HOUSE BATTERIES TO CHASSIS BATTERIES AND CHASSIS BATTERIES TO HOUSE BATTERIES)  
(4) BATTERY DISCONNECT SWITCHES  
GLENDINNING ELECTRIC REEL FOR SHORELINE CORD (WITH WIRELESS REMOTE) SHORELINE CORD (60')  
ADAPTORS FOR SHORELINE FOR 30A AND 20A SERVICE  
SHORELINE REVERSE POLARITY MONITOR  
TELEPHONE AND CABLE TV CONNECTORS NEAR SHORELINE REEL  
COAX CORD  
AUXILIARY AIR COMPRESSOR WITH TWO SERVICE AIR CONNECTIONS (D/S AND C/S)  
COSMETIC PANELS TO COVER ELECTRICAL EQUIPMENT  
120 VOLT GFCI RECEPTACLES IN THE PLUMBING COMPARTMENT  
330 AMP AIR COOLED ALTERNATOR FOR HOUSE SYSTEM  
1 40 AMP AIR COOLED ALTERNATOR FOR CHASSIS SYSTEM



## **HVAC**

AQUAHOT HEATER WITH THERMOSTATS IN PLUMBING COMPARTMENT  
(4) ROOFTOP A/C UNITS LOW PROFILE (15,000 BTU'S EACH) CRESTRON CONTROLLED  
120 VAC CERAMIC HEATERS IN FIRST, SECOND AND PLUMBING BAYS  
ELECTRIC FLOOR HEAT

## **GENERATOR**

POWERTECH ULTIMATE 17.5 KW TURBO GENERATOR  
GENERATOR AUTO-START FEATURE (CONTROLLED BY LUTRON AND CRESTRON SYSTEMS)  
GENERATOR BATTERY BOOST CIRCUITRY  
GENERATOR PRIMARY FUEL FILTER  
START/STOP SWITCHES AT THE FOLLOWING LOCATIONS:  
\* GENERATOR  
\* DRIVER'S AREA POWER PANEL  
\* INVERTER PANEL  
\* CRESTRON TOUCHSCREENS  
\* ANY REMOTE ACCESS COMPUTER  
ROOF MOUNTED GENERATOR EXHAUST  
ROOF MOUNTED COOLING SYSTEM FOR GENERATOR  
INVERTER BYPASS SWITCHES

## **PLUMBING**

AQUAHOT WATER HEATING SYSTEM WITH (2) 1500 WATT ELECTRIC HEATING ELEMENTS  
HEADHUNTER 120 VOLT WATER PUMP  
WATER PRESSURE REGULATOR  
CARTRIDGE WATER FILTER SYSTEM  
2 HOSE CARRIERS FOR DUMPING HOLDING TANK HOSES  
PAPER TOWEL AND SOAP DISPENSER  
PLASTIC PLUMBING WITH FLEXIBLE LINES FOR VIBRATION ISOLATION  
MANIFOLD SYSTEM WITH SHUT OFF VALVES TO ALL PLUMBING EQUIPMENT. (NO SHUTOFFS INSIDE THE COACH INTERIOR; CONTINUOUS LINES RUN FROM THE MANIFOLD TO THE FIXTURE)  
STAINLESS STEEL COVER  
POLYPROPYLENE FRESH WATER TANK WITH CLEAN OUT (200 GALLONS)  
POLYPROPYLENE GREY WATER TANK WITH CLEAN OUT (100 GALLONS)  
POLYPROPYLENE BLACK WATER TANK WITH CLEAN OUT (100 GALLONS)  
ELECTRIC OPERATED DUMP VALVES





TANK LEVEL MONITOR GAUGES AT ALL CRESTRON PANELS AND REMOTE SYSTEMS  
CITY WATER INLET WITH MILLENNIUM AUTOMATIC FRESH WATER FILL SYSTEM  
GRAVITY FILL FOR FRESH WATER TANK  
MANUAL TANK CLEAN OUT VALVES FOR GREY AND BLACK TANK  
HOSE BIB  
STAINLESS STEEL COSMETIC PANELS TO COVER PLUMBING EQUIPMENT  
BUILT IN PRESSURE WASHER WITH 75' LINE ON REEL (1450 PSI)  
BUILT IN DEIONIZER WITH BYPASS FOR SPOT FREE RINSE MODE  
MACERATOR WITH ELECTRIC HOSE REEL  
ABS PLASTIC UNDER THE PLUMBING EQUIPMENT

## **ENTERTAINMENT CENTER**

ENTERTAINMENT CABINET WITH STORAGE DRAWERS  
WINE COOLER  
BOSE WAVE AM/FM/CD/MP3 STEREO  
52" LCD FLAT SCREEN MONITOR ON PULLOUT ADJUSTABLE SLIDE SYSTEM  
(4) ZIP DEE LAWN CHAIRS  
KENYON CUSTOM SMOKELESS INFRA RED GRILL