

**VANHOOL**

**CX**

# 45' PREMIER PASSENGER COACH



## EQUIPMENT HIGHLIGHTS

The CX offers a new interior and exterior design that integrates a host of new safety features with the added bonus of increased mechanical serviceability.

These enhancements, together with the benefit of parts interchangeability with other Van Hool models, can help make a major impact on down time, maintenance dollars, and overall cost of ownership.



Options shown in RED

## General

Length	45'
Height	11' 6"
Width	102"
Headroom	75.75"
Wheelbase	25' 4.5"
Underfloor Storage Capacity (w/o lift)	440.4 cu ft
<b>Underfloor Storage Capacity (w/ lift)</b>	<b>410.4 cu ft</b>
Parcel Rack Storage Capacity (w/o lift)	87.5 cu ft
<b>Parcel Rack Storage Capacity (w/ lift)</b>	<b>84.9 cu ft</b>
Front Overhang	6' 2.4"
Rear Overhang	9' 11.5"
Turning Radius	43' 11.5"
Fuel Tank Capacity (useable)	216 gals
GVWR	54,000 lbs.

## Powertrain

- Engines:
  - Detroit Diesel DD13 (450 HP) EPA 2013
  - Cummins ISX 12.0 (425 HP) EPA 2013
- Allison B500 Six-Speed Automatic (Gen5)
- Integrated Engine Brake
- Heavy Duty Two-Speed Fan Clutch

## Ride & Handling

- Six Wheel Disc Brakes
- Six Wheel Unitized Hubs
- ZF Variable Ratio Steering
- Independent Front & Tag Axle Suspension
- Tag Axle Unloading System**

## Body Construction

- Stainless Steel Chassis, Windshield & Side Window Frames
- One Piece Galvanized Steel Side Walls
- One Piece Aircraft-Quality Aluminum Roof
- Aluminum Pantograph Baggage Bay Doors
- Energy Absorbing Bumpers

## Chassis

- Dana/Spicer Drive Axle
  - 3.42:1 w/ Allison B500 Transmission
- Tilt & Telescopic Steering Wheel
- Rapid Rear Raise System
- Front Kneeling w/ Quick Recovery System
- Full Coach Raise & Lowering**

## Electrical & Lighting

- Projector Beam Headlights
- LED Daytime Running Lights
- LED Side Marker Lamps w/ Integrated Turn Signal Function
- Full Multiplex System
- High Mount LED Brake Light
- LED Interior Ceiling Aisle Lights

## Electrical & Lighting Cont'd.

- Front Side Cornering Lights
- LED Tail & Reverse Lights
- Dual Alternators
- Dash Mounted 12/24 Volt Cut-Off Switch
- Battery Equalizer
- Easily Serviceable Tail Lights
- LCD Multi-Function Driver Display
- Automatic Entrance Lighting
- Keyless Ignition Switch
- Curb Side Lighting
- Battery Charger**
- Road Side Lighting**
- 110V Tamper-Resistant AC Receptacles, with or without USB**

## Tires & Wheels

- Alcoa Dura Bright Aluminum Wheels (9)
- 315/80R-22.5 Goodyear Marathon LHS II + HL
- Steel Wheels (9)**

## Interior

- Seating
  - 56 Passenger Van Hool Grand Luxe 210 Seats w/ Footrest & 3-Point Seat Belts
  - **56 Passenger Amaya Torino G, A2TEN & Torino Standard Reclining Seats w/ Footrest & 3-Point Seat Belts**
  - ISRI 6800/348 Adjustable Drivers Seat (Pneumatic) w/ 3-Point Seat Belt (3rd Point Fixed on B-Post)
  - **ISRI 6832-870 Drivers Seat w/ Integrated 3-Point Seat Belt**
- Two Piece Windshield
- Double Pane Seamless Side Glass
- Enhanced Curved Entry Stairwell
- Driver's Right Hand Console w/ Grab Rail
- Two Left Hand Driver Cup Holders
- Map Light
- Passenger Individual Reading Lights w/ Directional Adjustment
- Sliding Passenger Multisets
- Electric Windshield Sun Visors
- Supplemental Restroom Holding Tank
- Keyed Alike Baggage & Service Doors
- Central Air Locking System Baggage Doors
- Ramped Entry Aisle (In Lieu of Step)
- Monogram Flush Toilet
- Rear Window**
- Passenger Side Window Shades**
- Enclosed Parcel Racks**
- Contoured Parcel Racks w/ 23" Monitors**
- Magazine Nets**
- Cup Holders**
- Card Tables**
- Driver's Shield**

## Climate Control

- Integrated HVAC System
- Bitzer 6 Cylinder Compressor
- 134a Refrigerant
- Variable Speed Brushless Evaporator Motors
- Two Speed Condenser Motors
- Modulating Heating Control Valves
- Auxiliary Heater 102,000 BTU
- Timer for Auxiliary Heater**

## Other Equipment

- Remote-Control & Heated Black Mirrors
- Audio System w/ PA & Two Microphones
- Touchscreen Radio w/ DVD Player & Back-up Camera Display
- Enhanced Sound System**
- Cordless Microphone**
- Individual Multi-Channel Audio System**
- Custom Paint**
- Custom Vinyl Graphics Installation**
- Destination Sign**
- Global Positioning System**
- In-Motion Satellite TV System**
- Road Viewing Monitor System**
- Side View Cameras**
- WiFi**

## Wheelchair Lift

- Rear Position Wheelchair Lift Ready w/ Two Tie-Down Positions
- Passenger Chime Buttons for ADA Seats
- Braun NL-501**
- Ricon (BayLift®)**

## EXTENSIVE STANDARD SAFETY PACKAGE

- Rollover in Accordance with UN/ECE – Reg. No.66
- FMVSS 210 Seating w/ 3-Point Seat Belts
- 3-Point Seat Belt Driver Seat
- Antilock Braking System (ABS)
- Automatic Traction Control (ATC)
- Daytime Running Lights (DRL)
- Electronic Stability Control (ESC)
- Fire Suppression System
- Tire Pressure Monitoring System (TPMS)
- Lane Departure Warning System (LDW)
- Static Aiming Light System
- Backup Camera with In-Dash Display
- Roof Hatches

