



45' PREMIER PASSENGER COACH



EQUIPMENT HIGHLIGHTS



A staple of North American fleets for more than 15 years, the Van Hool C-Model has consistently delivered reliability and versatility to fleets while providing the luxury your customers have come to expect. The CX model offers a refreshed with a modern interior cabin with many luxurious standard and standard optional features available.

The 35- and 45- foot models share a nearly identical design. Their high level of parts and components interchangeability drive some high-value benefits to operators. A dramatic reduction in spare parts investment is an obvious advantage, but for operators that already run the Van Hool CX series in their fleets, the need for additional driver training and mechanic training for the CX model is greatly mitigated.





45' SPECIFICATIONS

Northeast 800.222.2873 West 800.322.2877
 Southeast 800.222.2871 Canada 800.345.1287
 Southwest 800.222.2877 Midwest 800.222.2875

Options shown in RED

General

Length	45'
Height	11' 6"
Width	102"
Wheelbase	25' 4.5"
Underfloor Storage (w/o lift)	440.4 cu ft
Underfloor Storage (w/ lift)	410.4 cu ft
Parcel Rack Storage (w/o lift)	87.5 cu ft
Parcel Rack Storage (w/ lift)	84.9 cu ft
Front Overhang	6' 2.4"
Rear Overhang	9' 11.5"
Turning Radius	43' 11.5"
Fuel Tank Capacity (use able)	240 gals
Headroom	75.75"
GVWR	54,000 lbs.

Powertrain

- Engines:
 - Detroit Diesel DD13 (450 HP) EPA 2016
 - **Cummins ISX 12.0 (425 HP) EPA 2016**
- Allison B500 Six-Speed Automatic (Gen5)
- Integrated Engine Brake
- Heavy Duty Two-Speed Fan Clutch

Ride & Handling

- Six Wheel Disc Brakes
- 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
 - 3.07 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
- 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 Stop, Tail & Reverse Lights
- Dual Prestolite Alternators
- Dash Mounted 12/24 Volt Cut-Off Switch
- Vanner 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 Kiel 1020 Seats w/ Footrest & 3-Point Seat Belts
 - **Up to 60 Passenger Seating**
 - **Amaya A-220, Torino G Plus, GT or A-2TEN Seats w/ Footrest & 3-Point Seat Belts**
 - ISRI 6800/348 Adjustable Driver Seat (Pneumatic) w/ 3-Point Seat Belt (3rd Point Fixed on B-Post)
 - **ISRI 6832-872 Driver 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**

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



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