









Van Hool All Electric

CX45E

SALES | SERVICE | PARTS | SUPPORT | FINANCE | *www.abc-companies.com*

ABC COMPANIES

Exclusive U.S. VANHOOL Distributor

CX45E

General
Length 45’
Height 11’ 6”
Width 102”
Wheelbase 25’ 4.5”
Parcel Rack Storage (w/o lift) 108.77 cu. ft.
Parcel Rack Storage (w/lift) 84.9 cu. ft.
Front Overhang 6’ 2.4”
Rear Overhang 9’ 2.2”
Turning Radius 43’ 11.5”
Headroom 75.75”
GVWR 54,000 lbs.

Vehicle Traction System
Make: Siemens Elfa 2
Controller: Siemens Dico Elfa 2 ECU
Type: PEM - 1DB2024-0NA06
Construction: Permanent Magnet
Inverter Boxes: (2) Siemens Elfa 2 mono

Energy Storage
Battery Type: Proterra E2 Lithium Ion Batteries
Total Storage Capacity: 660 kWh

Drive Train Cooling
(2) 1kW Electric Fans / Diameter 19.7”

Energy Recovery
Regenerative Braking System
CCS-1 DC Fast Charge Port / Integrated Thermal Sensor
Electrical Retarder w/ Energy Recuperation

Ride & Handling
Six Wheel Disc Brakes
ZF Variable Ratio Steering
Tag Axle Unloading System

Chassis
DANA Hypoid Axle Type G171
Rear End Ratio 5.58:1
Tilt & Telescopic Steering Wheel
Rapid Rear Raise System
Electric Leveling Control w/ Overload Notification
Full Coach Raise & Lowering

Body Construction
Stainless Steel Chassis, Windshield & Side Window Frames
Electrically Welded Single Piece “Monocoque” Structure
One Piece Galvanized Steel Side Walls
Two Piece Windshield
Double Pane Seamless Side Glass
One Piece Aircraft-Quality Aluminum Roof
Aluminum Pantograph Baggage Bay Doors
Energy Absorbing Bumpers

Electrical & Lighting
LED Headlights & Daytime Running Lights
LED Side Marker Lamps w/ Integrated Turn Signal Function
LED Interior Ceiling Aisle Lights
LED Stop & Tail Lights
Front Side Cornering Lights
High Mount LED Brake Light
Easily Serviceable Tail Lights
Automatic Entrance Lighting
Full Multiplex System
Battery Equalizer
Keyless Ignition Switch
Curb Side Lighting
Road Side Lighting
110V Tamper-Resistant AC Receptacles, with or without USB

Climate Control
Integrated HVAC System
GAE Bock HGX34-380P-2A Compressor
134a Refrigerant
Variable Speed Brushless Evaporator Motors
Two Speed Brushless Condenser Motors
Modulating Heating Control Valves

Wheelchair Lift
Rear Position Wheelchair Lift Ready w/ Two Tie-Down Positions
Passenger Chime Buttons for ADA Seats
Braun NL-501

Tires & Wheels
Alcoa Dura Bright Aluminum Wheels (9)
315/80 R22.5 Goodyear Marathon LHS II + HL
Steel Wheels (9)

Other Equipment
Remote-Control & Heated Black Mirrors
HDMI Type E Audio System w/ PA & Two Microphones
Touchscreen Radio w/ DVD Player & Back-up Camera Display
Global Positioning System
Additional Overhead Monitors
Enhanced Sound System
Wireless Microphone
Custom Paint
Custom Vinyl Graphics Installation
Destination Sign
Satellite TV System
Side View Cameras
360° Exterior View Camera
Interior Security Cameras
WiFi
Chrome Mirrors
RECON (Readiness for Emergency CONditions) Package

Interior
56 Kiel 1020 Seats w/ Footrest
& 3-Pt Seatbelts
Kiel 2025 or 1030 Seats
Up to 60 Passengers Seating
Amaya A-220, GT, or Sigma Seats w/ Footrest &
3-Pt Seatbelts
ISRI 6800/348 Adjustable Driver Seat (Pneumatic) w/
3-Pt Seat Belt
ISRI 6832 Driver Seat w/ Integrated 3-Pt Seat Belt
Robust Modular Entry Stairwell
Elongated Driver’s Compartment
Driver’s Right Hand Console w/ Grab Rail
Two Left Hand Driver Cup Holders
Modesty Panel w/ Enhanced Ergonomics
Map Light
Luxury Low-Maintence Trim
Soft Touch and Textured Finishes
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
Side Entry Flushing Toilet
Driver’s Glare Shield
Rear Window
Passenger Side Window Shades
Enclosed Parcel Racks w/ Enchanced Endcap Design
Modified Contoured Parcel Racks w/ Enhanced Endcap Design
Contoured Parcel Racks w/ Enchanced Endcap Design
Magazine Nets
Cup Holders
Seat Back Tray Tables
Card Tables

EXTENSIVE STANDARD SAFETY PACKAGE
Rollover in Accordance with UN/ECE – Reg. No.66
FMVSS 210 Seating w/ 3-Point Seat Belts
3-Point Driver’s Seat Belt
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
Integrated Emergency Evacuation Kit

Options in Red

These specifications are based on up-to-date product information available at the time of printing January 2020. Specifications can change without prior notice. Contact an ABC Companies Account Manager for details.
Vehicle on reverse side of this sheet shown with optional equipment.