



# MCI® D45 CRT

## Specification sheet.

The legendary high-floor commuter transit workhorse now modernized with next generation innovation and style.





# MCI® D45 CRT technical specs.

Increased fuel economy. Low total cost of ownership.

## Dimensions

Overall Length (bumper to bumper)	45.10'	13.84 m
Wheelbase	315.00"	8.08 m
Front Overhang	79.00"	1.93 m
Rear Overhang	106.70"	2.68 m
Overall Width	102.00"	2.59 m
Overall Height	138.60"	3.48 m
Interior Height	78.00"	1.99 m
Front Track	84.84"	2.15 m
Rear Track (drive)	75.38"	1.91 m
Rear Track (trailing)	84.84"	2.15 m
Turning Radius	41.90"	14.33 m
Gross Vehicle Weight Rating	54,000 lb	24,494 kg
Luggage Compartment Volume*	560 cu ft	14.64 cu m

## Safety + Performance

### Standard Equipment

Electronic Stability Control (ESC)	Cruise Control
Automatic Traction Control (ATC)	MCI® A/C compressor
Disc brakes with 6 channel Antilock Braking System (ABS)	Davco Fuel Pro® filter with sight glass
Three-point passenger seat belts (multiple seat models available)	MP water circulating pump
Tilt and telescoping steering wheel	MCI exclusive spiral entrance stairway with aluminum step nosing & stainless-steel grab rails
Electrically locking baggage compartments	Passive steerable tag axle with unload feature
Electronically controlled high/low rise feature	Energy absorbing front and rear bumpers

### Optional Equipment

Amerex fire detection and suppression	Video surveillance systems
Smarter Tire® integrated tire pressure monitoring system with always-on sensors	360° Camera system
Proheat auxiliary heater-45,000 BTU	Sliding battery tray
Bendix Fusion collision mitigation system	Curb lights

## Standard Equipment

Engine Options	Cummins X12 w/engine brake, 410 hp, 1,450 lb-ft torque
Transmission	Allison B500 Gen V
Front Axle	ZF 17,000 lb (7,711 kg) with unitized wheel ends
Drive Axle	ZF 23,000 lb with pre-set wheel bearings
Tag Axle	ZF 16,500 lb (7,484 kg) with unitized wheel ends
Seating	56-passengers
Wheels	Hub-mounted steel, 22.5 x 9.0
Tires	Firestone FS400 315/80 R22.5 9.00" L-rated
Alternator	Borg Warner 55SI Dual 250A 24V
Brakes	Bendix ADB22X
Parking Brake	Spring brake on drive axle
Fuel System	191 US gal. usable volume (201 US gal. gross volume) aluminum tank. 15 US gal. DEF tank capacity.
Body Type	Stainless-steel frame with high strength low alloy steel in suspension areas for higher strength and fatigue life
Exterior Skin	One piece bonded aluminum roof skin and composite exterior body panels
Baggage Doors	Under floor pantograph-type composite baggage doors
Entrance Door	Electric operated bi-part style door
Electrical System	Parker Vansco fully multiplexed electrical system
Instrument Panel	Parker Vansco multi-function display including speedometer, oil pressure, water temperature, fuel level, voltmeter, air pressure and DEF (diesel exhaust fluid) level
Warning Lights	Real-time diagnostics of all operating systems
Cooling System	Below floor parallel radiator/charge air cooler module which quickly swings out for unrestricted service access
Fan System	Electrically driven fan array to maximize fuel efficiency and reliability
Steering System	Variable ratio power steering system
Suspension	Electrically controlled air suspension with high/low ride and kneeling functions
Batteries	Two 8D (1350 c.c.a. each)
Voltage	12 volt and 24 volt
Exterior Lights	12 volt LED, plus 90 mm halogen headlights
Destination Sign	Provisions for front, side and rear destination signs

## Interior Design & Other Features

### Standard Equipment

Large open parcel racks with cords, individual overhead LED reading lights and airflow controls
LED headlights
A mid-coach Braun wheelchair lift

### Optional Equipment

Rear-mounted Braun wheelchair lift with 2 wheelchair positions
Parcel rack air conditioning
Fabric interior packages
Alcoa Durabrite® aluminum wheels
Rear window
Chemical-type lavatory without sink
Four Group 31 batteries with sliding tray
Enclosed parcel racks
Posi-lock fuel fill system

## Entertainment Systems & Digital Amenities

### Optional Equipment

REI audio/video system with dash mounted DVD & six 15" LCD wide-screen monitors
110V outlets with USB at each seat and 4000W Inverter
NFI Connect™ telematics maximizes up time by collecting key operating data.