



MCI[®] D40 CRT + D45 CRT

Specification sheet.

The legendary commuter transit workhorse, modernized with next generation innovation and style.



MCI D40 CRT + D45 CRT technical specs.

Increased fuel economy. Low total cost of ownership.

Dimensions	40'	45'
Overall Length (bumper to bumper)	40.08' (12.22m)	45.83' (13.97m)
Wheelbase	246.26" (6.26m)	315.00" (8.08m)
Front Overhang	79.00" (1.93m)	79.00" (1.93m)
Rear Overhang	106.70" (2.68m)	106.70" (2.68m)
Overall Width	102.00" (2.59m)	102.00" (2.59m)
Overall Height	138.60" (3.48m)	138.60" (3.48m)
Interior Height	78.00" (1.99m)	78.00" (1.99m)
Front Track	84.84" (2.15m)	84.84" (2.15m)
Rear Track (drive)	75.38" (1.91m)	75.38" (1.91m)
Rear Track (trailing)	84.84" (2.15m)	84.84" (2.15m)
Turning Radius	33.75' (10.28m)	41.75' (12.73m)
Gross Vehicle Weight Rating	54,000 lb (24,49 kg)	54,000 lb (24,494kg)
Luggage Compartment Volume*	438cu ft (12.40cu m)	560cu ft (14.64cu m)

Safety + Performance

Standard Equipment

- ✔ Electronic Stability Control (ESC)
- ✔ Automatic Traction Control (ATC)
- ✔ Disc brakes with 6 channel Antilock Braking System (ABS)
- ✔ Three-point passenger seat belts (multiple seat models available)
- ✔ Amerex fire detection and suppression
- ✔ SmarTire® integrated tire pressure monitoring system with always-on sensors
- ✔ Tilt and telescoping steering wheel
- ✔ Cruise Control
- ✔ Electrically locking baggage compartments
- ✔ Electronically controlled high/low rise feature
- ✔ MCI® A/C compressor
- ✔ Davco Fuel Pro® filter with sight glass
- ✔ MP water circulating pump
- ✔ MCI exclusive spiral entrance stairway with aluminum step nosing & stainlesssteel grab rails
- ✔ Passive steerable tag axle with unload feature

Optional Equipment

- ✔ Amerex fire detection and suppression
- ✔ SmarTire® integrated tire pressure monitoring system with always-on sensors
- ✔ Proheat auxiliary heater-45,000 BTU
- ✔ Bendix Fusion collision mitigation system
- ✔ Video surveillance systems
- ✔ 360° Camera system
- ✔ Sliding battery tray
- ✔ 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 (7,711kg) with unitized wheel ends
Drive Axle	ZF 32,000 lb with pre-set wheel bearings
Tag Axle	ZF 16,500 lb (7,484kg) with unitized wheel ends
Seating	52-passengers
Wheels	Hub-mounted steel, 22.5 x 9.0
Tires	Firestone FS400 315/80 R22.5 9.00" L-rated
Alternator	Delco Remy 55SI Dual 250A 24V
Brakes	Bendix ADB22X
Parking Brake	Spring brake on drive axle
Fuel System	200 US gal. usable volume (211 US gal. gross volume) High-density Polyethylene 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	Air 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 90mm 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™