

MCI® D-Series



MCI

MCI D-Series Technical Specifications



The workhorse. Reliable and economical, the 40- and 45-foot MCI D-Series coaches offer low-cost, high quality performance over and over again. Built with legendary MCI quality to deliver a unique combination of dependability and passenger comfort.

Dimensions

Overall Length (bumper to bumper)	D4505	45.42 ft.	13.84 m
	D4005	40.50 ft.	12.34 m
Wheelbase	D4505	318.00 in	8.08 m
	D4005	279.00 in	7.09 m
Front Overhang		75.90 in	1.93 m
Rear Overhang	D4505	105.60 in	2.68 m
	D4005	83.49 in	2.12 m
Overall Width		102.00 in	2.59 m
Overall Height		137.00 in	3.48 m
Interior Height		78.25 in	2.08 m
Front Track		85.60 in	2.17 m
Rear Track (drive)		76.50 in	1.94 m
Rear Track (trailing)		85.60 in	2.17 m
Turning Radius <small>*w/optional steerable tag axle</small>	D4505	50.75 ft	15.47 m
	D4505*	47.00 ft	14.33 m
	D4005	44.70 ft	13.62 m
Gross Vehicle Weight	D4505	50,000 lb	22,680 kg
	D4005	46,000 lb	20,865 kg
Luggage Compartment Volume*	D4505	517 cu ft	14.64 cu m
	D4005	439 cu ft	12.43 cu m

Standard Equipment

Engine	2017 EPA Cummins ISX 12 liter w/engine brake, 425hp, 1,450 lb-ft torque
Transmission	Gen V Allison B500 6-speed automatic transmission with prognostics capability (w/Cummins ISX)
Front Axle	Meritor® 16,000 lb (7,257 kg)
Drive Axle	Meritor® 22,500 lb (10,206 kg) with preset wheel bearings
Tag Axle	D4505: Meritor 14,000 lb (6,350 kg) D4005: Meritor 10,000 lb (4,536 kg)
Seating w/lav	D4505: 55-passengers; D4005: 47-passengers
Wheels	Hub-mounted steel, 22.5 x 9.0
Tires	Firestone FS400 315/80 R22.5 9.00" L-rated
Alternators	Dual 150A 24V Denso
Brakes	Meritor all-wheel EX-225 disc
Parking Brake	Spring brake on drive axle
Fuel System	164 U.S. gal. (620 L) Usable Volume (173 U.S gal. gross volume) composite tank. 15 U.S. gal DEF capacity
Body Type	Stainless steel lower frame and high-tensile low-alloy steel in upper-body framing and high-stress areas
Exterior Skin	Bonded aluminum roof skin, fiberglass front & rear end caps, galvanized steel sidewalls
Baggage Doors	Underfloor pantograph-type with composite door frames, aluminum or stainless steel skins, and pneumatic locking system
Entrance Door	Air-operated sedan-style door
Electrical System	I/O Controls G4 fully multiplexed electrical system
Gauges	I/O Controls multi-function display
Cooling System	High-mounted, parallel radiator/charge air cooler module
Fan Clutch	Linnig electromagnetic, 3-speed
Suspension	Air suspension with automatic mechanical leveling system
Batteries	Two 8D (1350 c.c.a. each)
Voltage	12 volt and 24 volt
Exterior Lights	12 Volt LED, plus NEW 90 mm halogen headlights

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Safety & Performance

Standard Equipment
Electronic Stability Control (ESC)
Automatic Traction Control (ATC)
Disc Brakes with 6 channel Antilock Braking System (ABS)
Amerex fire detection and suppression
Fully multiplexed I/O Controls G4 solid state electrical system
SmartWave® integrated tire pressure monitoring system with always-on sensors
Tilt and telescoping steering wheel
Cruise Control
Air-locking baggage compartments
Three-point passenger seat belts (multiple seat models available)
Rear Rise feature
MCI A/C compressor
Davco Fuel Pro® Filter with sight glass
MP Water Circulating Pump
Optional Equipment
Steerable tag axle (D4505 only)
Tag axle unload feature
Koni shocks
Proheat Auxillary Heater-45,000 BTU

Entertainment Systems & Digital Amenities

Standard Equipment
REI Audio/Video system with DVD & six 10" LCD wide-screen monitors
Optional Equipment
Wireless microphone
iPod & MP3 connection
WiFi system
110V outlets with USB with either 1500W or 3600W inverter, depending on the number of outlets selected
Saucon asset tracking system

Interior Design & Other Features

Standard Equipment
Chemical-type lavatory without basin
New larger parcel rack design with individual overhead LED reading lights and airflow controls
Optional Equipment
LED headlights
Variety of passenger and driver seating options
Braun wheelchair lift
Large enclosed parcel racks with doors
Fabric interior packages
Stainless steel or painted exterior lower body panels
Energy absorbing front & rear bumpers, black rubber fender skirts & rub rails
Alcoa Durabrite® aluminum wheels

Increased fuel economy.
Low total cost of ownership.



Reliability Driven®
A New Flyer company