

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
Front Axle	Meritor® 16,000 lb (7,257 kg) with conventional bearings
Drive Axle	Meritor® 22,500 lb (10,206 kg) with pre-set wheel bearings
Tag Axle	D4505: Meritor 14,000 lb (6,350 kg) with conventional bearings D4005: Meritor 10,000 lb (4,536 kg) with conventional bearings
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	Parker Vansco fully multiplexed electrical system
Gauges	Parker Vansco multi-function display including speedometer, oil pressure, water temperature, fuel level, voltmeter, air pressure and DEF (diesel exhaust fluid) level
Cooling System	High-mounted, parallel radiator/charge air cooler module
Fan Clutch	Linnig electromagnetic, 3-speed
Steering System	Integral power steering
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

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
Fully multiplexed Parker Vansco 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
Rear rise feature
MCI® A/C compressor
Davco Fuel Pro® filter with sight glass
MP water circulating pump
Tag axle unload feature

Optional Equipment

Steerable tag axle (D4505 only)
Koni shocks
Michelin XA2 Energy tires, 315/80 R22.5 9.00" L-rated
Proheat auxillary heater-45,000 BTU
Meritor Wabco On-Guard collision mitigation system
Brigade 360 degree camera system
Sliding battery tray
4 Group 31 batteries
Curb lights

Entertainment Systems & Digital Amenities

Standard Equipment

REI Audio/Video system with DVD & six 10" LCD wide-screen monitors

Optional Equipment

Wireless microphone
2 way radio pre-wiring
iPod & MP3 connection
WiFi system
110V outlets with USB at each seat and 4000W Inverter
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
Energy absorbing front & rear bumpers, black rubber fender skirts & 2" rub rails

Optional Equipment

LED headlights
Variety of passenger and driver seating options
Braun wheelchair lift with 2 wheelchair positions
Parcel rack air conditioning
5" rub rails
Electric fan system for powertrain cooling (e-fans) in lieu of belt driven cooling fan
Fabric interior packages
Stainless steel or painted exterior lower body panels
Alcoa Durabrite® aluminum wheels

*Increased fuel economy.
Low total cost of ownership.*



Motor Coach Industries, Inc. USA (866) MCICOACH (624.2622)
200 East Oakton Street Canada (800) 624-8886
Des Plaines, IL 60018 e-mail: marketing@mcicoach.com
www.mcicoach.com