

# MCI's HYBRID is HERE

Move your community  
toward a greener place



Meet the **MCI D4500 CT HYBRID** Commuter Coach

[www.mcicoach.com](http://www.mcicoach.com)

There are many destinations in life. And for communities that want to arrive in a greener place, one with cleaner air and better, more comfortable commuter options, MCI offers a greener alternative.

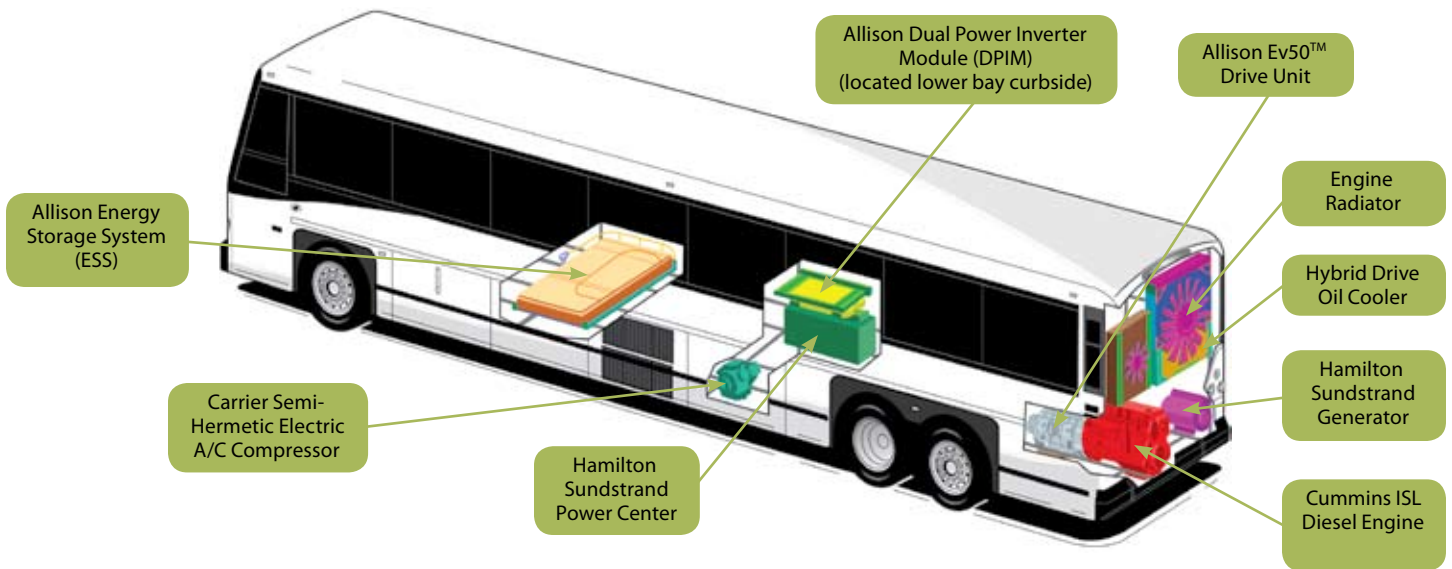
MCI, which brought you the very first hybrid-electric commuter coach, now unveils its next generation. Based on the high-capacity, best-selling D 4500, MCI's 45-foot Hybrid uses the latest clean-diesel engine technology from Cummins along with the Allison Ep50 Electric Drive Propulsion System, delivering impressive power, lower noise levels and significantly reduced carbon emissions. At the same time, passengers sit high above traffic in plush forward-facing, high-back reclining seats with LED reading lamps and overhead airflow controls.

It's everything you expect from MCI.



**MOTOR COACH  
INDUSTRIES**

Discover how the MCI Hybrid fits into your fleet.  
Call us today at **1-866-MCI-COACH**



# MCI D4500CT HYBRID

## TECHNICAL SPECIFICATIONS

### DIMENSIONS

Overall Length	45.42 ft	13.84 m
Wheelbase	318.00 in	8.08 m
Front Overhang	75.90 in	1.93 m
Rear Overhang	153.10 in	3.89 m
Overall Width	102.00 in	2.59 m
Overall Height	137.00 in	3.48 m
Interior Height	78.25 in	1.99 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	47.00 ft	14.33 m
Gross Vehicle Weight	50,000 lbs	(22,680 kg)

### SPECIAL FEATURES

- Frameless windows
- LED interior lighting
- Electronic farebox provisions

### OPTIONS

- Wheelchair lift (Ricon or Braun)
- Stainless steel exterior panels
- Sliding battery tray
- Curb lights
- Hands-free PA system
- Energy absorbing rear bumper
- Rear route sign
- Parcel rack air conditioning
- SmarTire® tire pressure monitoring system
- Video Surveillance
- Amerex fire suppression
- 4 - group 31 batteries

### BASIC FEATURES

Engine Mfr.	Cummins ISL 8.9 liter, 330hp
Transmission	Allison Ep50 Electric Drive Propulsion System
Front Axle	Meritor 16,000-lb (7,257 kg)
Drive Axle	Meritor 22,500-lb (11,793 kg)
Tag Axle	D4500CT: Meritor 12,000-lb (5,443 kg)
Seating	D4500CT: 57-Passengers
Wheels	Hub-mounted 22.5 x 9.0 steel wheels
Alternator	Uses 25 kVa generator to run A/C compressor and to supply coach power.
Brakes	Disc brakes w/unitized hubs and preset bearings
Fuel System	182 U.S. gal
Body Type	Stainless steel lower frame and high-tensile low-alloy steel in upper-body framing and high-stress areas
Exterior Skin	Front- and rear-end caps, fiberglass; electrogalvanized steel, aluminum
Baggage Doors	Under-floor pantograph-type with pneumatic lock and aluminum or stainless steel exterior skin
Entrance Door	Air-operated bi-part style door
Wiring	I/O Controls multiplex electrical system
Gauges	Speedometer, oil pressure, engine coolant temperature, voltmeter, air pressure
Cooling System	High-mounted, side by side radiator, charge air cooler system, and transmission cooler
Destination Sign	Electric LED front and side
Fan Clutches	Linnig Electric
Steering System	Ross integral power steering
Suspension	Air suspension with automatic leveling system
Batteries	Two 8D (1350 c.c.a. each)
Voltage	12-volt and 24-volt
Exterior Lights	12-volt LED
Air Conditioning	Electrically driven semi-hermetic Carrier compressor with ability to run A/C from shore power without idling coach.

## MCI PRO SUPPORT®

STANDING BESIDE YOU. ALL THE WAY.

Parts, training, service and more to keep you going further!

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