



MOTOR COACH
INDUSTRIES



E 4500 PASSENGER COACH





E4500 PASSENGER COACH

The MCI® E4500 incorporates the highest standards of safety, comfort and return on investment – and does so with style – for the ultimate in carefree touring.



Dimensions

Overall Length (with bumper)	45.58 ft	13.89 m
Wheelbase	315 in	8.00 m
Front Overhang	78.25 in	1.99 m
Rear Overhang	150.25 in	3.82 m
Overall Width	102 in	2.59 m
Overall Height	141.25 in	3.59 m
Interior Height	84.25 in	2.14 m
Front Track	84.84 in	2.15 m
Rear Track (drive)	75.38 in	1.91 m
Rear Track (trailing)	84.84 in	2.15 m
Turning Radius	43.5 ft	13.26 m
Gross Vehicle Weight	54,000 lb	24,494 kg
Luggage Compartment Volume	418 cu ft	11.8 m ³

Special Features

- Spiral entrance stairway
- Electronically controlled, heated exterior mirrors
- Jacob's® engine brake
- Antilock braking system
- Large enclosed parcel racks
- Projector headlamps
- Frameless windows
- Tag axle unload feature
- Disc brakes on all axles
- ECAS (Electronically Controlled Air Suspension)
- Detroit Diesel Fuel Pro®
- Proheat Auxiliary Heater
- Fully Multiplexed Electrical System

Options

- Allison B500R automatic transmission with retarder
- ZF-ASTronic transmission
- Automatic traction control system
- Eisinghausen 6800 high-back air-ride driver's seat
- 4- or 6-monitor REJ video system
- Wheelchair lift
- Caterpillar C-12 engine

Standard Features

Engine Mfr.	Detroit Diesel Series 60 at 400 hp, DDEC IV 12.7-liter with Jacob's® engine brake	Indicators	Engine oil psi, engine temperature, engine tachometer, speedometer/odometer, primary and secondary air psi, fuel and voltmeter
Transmission	Allison B500 automatic transmission, six forward speeds and one reverse speed	Warning Lights	Low fuel indicator light and warning light on dash to monitor battery voltage, plus many others
Front Axle	Meritor 16,500-lb (7,484 kg)	Cooling System	Confined radiator and charge air cooler system
Rear Axles	Meritor axles; 23,000-lb (10,432 kg) drive, 16,500-lb tag (7,484 kg)	Fan Clutch	Electromagnetic, 2-speed
Seating	56 passenger Amaya Brasil w/chemical lavatory	Fan Diameter	34 inches (864 mm)
Wheels	Polished aluminum hub mount 22.5 x 9.0	Steering System	Leather-wrapped tilt and telescoping steering wheel with ZF variable ratio and steerable tag axle
Tires	Michelin® 315 80R 22.5 J-rated	Propeller Shaft	Meritor 1810 Series
Alternates	Dual 140A 24V Bosch	Suspension	Electronically controlled air suspension with kneeling and high- and low-ride features
Brakes	Lucas all-wheel disc with automatic brake slack adjusters	Batteries	Two 8D (1350 c.c.a. each)
Parking Brake	MGM spring brake on drive and tag axles	Voltage	12 volt and 24 volt
Fuel System	222 U.S. gal (840 L)	Exterior Lights	12 volt, LED
Body Type	Semi-monocoque low-corrosion stainless steel		
Exterior Skin	Front- and rear-end caps, sidewalls, fiberglass composite		
Baggage Doors	Fiberglass composite, electric locks		
Entrance Door	Air-operated RTM door		



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