

MCI 14500





J4500 PASSENGER COACH

Achieving a perfect balance of sophistication and simplicity, the MCJ4500 boasts stunning good looks and steadfast dependability. Easy to maintain, with the kind of smooth ride and amenities that keep passengers coming back, it's sure to become a favorite in your fleet.



Dimensions

Overall length (bumper to bumper)	45.3 ft	13.8 m
Wheelbase	315 in.	8.00 m
Front Overhang	76.25 in.	1.93 m
Rear Overhang	150.25 in.	3.82 m
Overall Width	102 in.	2.59 m
Overall Height	140.75 in.	3.58 m
Interior Height	78.25 in.	2.14 m
Front Track	84.84 in.	2.15 m
Rear Track (drive)	75.58 in.	1.91 m
Rear Track (axle)	84.84 in.	2.15 m
Turning Radius	40 ft	14.02 m
Gross Vehicle Weight	54,000 lb	24,094 kg
Legal Compliance Value*	595 cu ft	16.8 cu m

Special Features

- Spinal entrance stairway
- Jacobs® engine brake
- Anti-lock braking system
- Projector headlights
- Frameless windows
- Fully Multiplexed Electrical System

Options

- Allison 2700E automatic transmission with overdrive
- ZF Allison transmission
- Automatic traction control system
- Ergonomics 600 high-back air-ride driver's seat
- 4- or 5-camera BEI video system
- Wheelchair lift
- Cummins C25 610 HP engine
- Large enclosed parcel rack doors
- Tag side vertical heater
- Detroit Diesel Fuel PreFilter
- Prestar Auxiliary Heater
- Custom radio entertainment system
- LCD flat-screen monitors
- 2005 ZF Axles

Standard Features

Engine Mfr.	Detroit Diesel Series 60 or 455 hp, DDEC V 12.7 liter with Jacobs® engine brake	Indicators	Engine oil psi, engine coolant temperature, engine tachometer, speedometer/odometer, primary and secondary air psi, fuel and volume
Transmission	Allison 2700E automatic transmission, air forward shift and rear remote shift	Warning Lights	Low-fuel indicator light and warning lights on dash to monitor battery voltage plus many others
Front Axle	Steiner 10,500-lb (4,764 kg)	Cooling System	Paralel radiator and charge air cooler system
Rear Axle	Steiner axle; 23,000-lb (10,432 kg) drive, 10,500-lb tag (4,764 kg)	Fan Clutch	Electromagnetic, 2-speed
Seating w/Lex	50-passenger Amaya Board	Steering System	Leather-wrapped tilt-a-sloping steering wheel with ZF variable ratio steering
Wheels	Hub-piloted steel 22.5 x 9.0	Drive Shaft	Meritor 1010 series
Tires	Michelin® 315 80R 22.5 J-tand	Suspension	Air suspension with automatic leveling and kneeling feature
Alternator	Dual 140A 24V Bosch	Batteries	Two 8D (150 c.c.a. rx)
Brakes	Lexus all-wheel disc with automatic brake slack adjusters	Voltage	12 volt and 24 volt
Parking Brake	WDM spring brake on drive and tag axles	Exterior Lights	12 volt, LED
Fuel System	222 U.S. gal (840 L)	Luxury	Chemical w/air wash burn
Body Type	Semi-monocoque low-common stainless steel		
Exterior Skin	Fibre and non-stuff caps, sidewalls, fiberglass composite		
Baggage Doors	Fiberglass composite, electric locks		
Entrance Door	Air-operated RTM door		



MOTOR COACH INDUSTRIES

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J4500 page

*Includes parcel rack volume. ©2005 Motor Coach Industries, Inc. All rights reserved. Specifications subject to change without notice. Motor Coach Industries reserves the right to change specifications and designs without notice. Motor Coach Industries is not responsible for any errors or omissions.

PREVOST H-SERIES

MODEL 2006

Specification Highlights

- LEADER IN THE INDUSTRY
- SMARTEST MULTIMEDIA SYSTEM ON THE MARKET
- A TRUE STATEMENT OF COMB APPEARAL AND STYLING



PREVOST

PREVOST X3-45 MODEL 2007

Specification Highlights

- FOR AN ULTRA-SMOOTH RIDE
- LARGEST PASSENGER-LOAD CAPACITY
- SWAIREST MULTIPLEX SYSTEM ON THE MARKET



PREVOST.



Setra - 4 Brand of DaimlerChrysler

The Setra
TavaClass S 417

SPRINTER



SETTING THE STANDARD IN QUALITY, COMFORT AND VALUE.

Designed for long life and durability, the Dodge Sprinter shuttle delivers exceptional performance and passenger comfort with unsurpassed reliability and economy. With extended maintenance intervals, oil changes every 10,000 miles, and excellent fuel economy - 22 miles per gallon*, the Dodge Sprinter shuttle is easy to maintain and operate on a budget. Passengers love the Dodge Sprinter Shuttle too! Its dual panel outwa-d opening door has extra-wide clearance for increased accessibility and quicker boarding.

Now available with Smart Choice packages, it's even easier to buy the perfect shuttle bus!

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VEHICLE SPECIFICATIONS

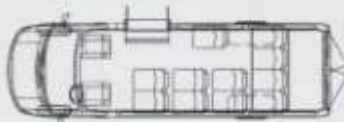
Length	21 feet, 6 inches
Wheelbase(s)	156"
Fuel Tank Capacity	25 gallons
Engine	Mercedes-Benz - MBE 600 - 2.7 liter turbocharged, 5 cylinder
Height	100"
Headroom	73"
Entry Door, Dual Panel	36", electric
Entry Door Height	60"
Dual	Diode
GVWR	9,990 lbs.
Transmission	Mercedes-Benz 5 speed automatic w/overdrive
Brakes	4-wheel hydraulic disc with ABS, traction control (ASC), automatic load sensing



SMART CHOICE PACKAGES

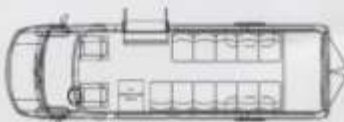
HOTEL SHUTTLE

- 12 passengers, plus driver
- Forward facing seats with grab handles and seat belts
- Spacious rear luggage area with fixed dividing wall



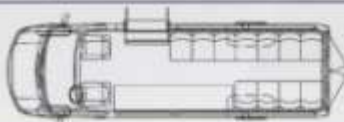
VALET SHUTTLE

- 12 passengers, plus driver
- Perimeter seating with carpeted kick panels
- Spacious rear luggage area with fixed dividing wall
- Briefcase rack mounted behind driver



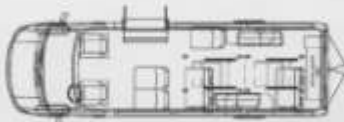
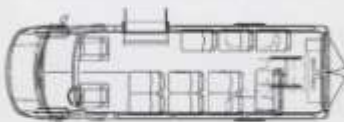
PARKING SHUTTLE

- 12 passengers, plus driver
- Perimeter seating with carpeted kick panels
- Spacious luggage rack located behind driver



PARATRANSIT SHUTTLE

- 12 passengers, plus driver or 10 seated passengers and 1 wheelchair position
 - Forward facing seats with grab handles and seat belts
 - ADA Compliant
 - Wheelchair lift located at rear of vehicle
-
- 12 passengers, plus driver or 6 seated passengers and 2 wheelchair positions
 - Forward facing seats with grab handles and seat belts
 - ADA compliant
 - Wheelchair lift located at rear of vehicle



*Actual fuel economy may vary depending on operating conditions.

The Sprinter Paratransit shuttle requires the use of a 2000 Chassis. Specifications are subject to change without notice or obligation.

**IT'S NOT ONLY WHERE YOU'RE GOING,
IT'S HOW YOU GET THERE.**

**IC CORPORATION
FC SERIES**

The plush, roomy interior makes the IC Corporation FC Series ideal for day tours, corporate events or shuttle services. You'll also be enjoying the ride with a completely integrated chassis and body. Every part of the vehicle is incorporated and can be serviced at your IC Corporation dealership. Sporting this much style, comfort, and performance, the FC Series is one ride you'll never forget.



Exceptional driver ergonomics with easily accessible controls and ample foot space.



Streamline design incorporates accessories like ramps and provides easy access.



Customizable seating and color finishes help maximize space and interest.



Fully integrated body and chassis ensure superior ride after using IC Corporation driver support.



Passenger amenities and interior heat ducts are located throughout the vehicle.



IC CORPORATION FC SERIES

The IC Corporation FC Series perfectly blends style, comfort, and performance into a coach that takes passenger satisfaction to a whole new level.



FRAME

186", 3 1/2" wheelbase option
30001-GW

FRONT AXLE & SUSPENSION

14,000 lb. axle with parabolic tapered springs

BRAKES

Dual air brake system w/ 4-channel ABS feature
Bands 13.2 CFM air compressor
Bands 40-1/2 air dryer

STEERING

TAD-45 steering gear
Remote mount 1.5 g. Reservoir w/ filter fits beyond
500,000 miles
Tilt steering column, standard
Tilt and telescoping column, optional

DRIVELINE

Dana SP130 Series shafts and joints

EXHAUST

Single horizontal muffler w/ remote catalyst
converter, right-side frame-mounted, standard

ELECTRICAL

12-volt Lucas-Hella alternator 270 amp
BCI Group 31 batteries, 1300 and 1050 CCA's
available

ENGINE

International® DT 466, 225-horsepower
Fuel/water separator integral w/ fuel filter
Air cleaner mounted restriction gauge
Aluminum crossflow oil-and-water separator system
w/ vacuum fan drive
Cruise control

TRANSMISSION

Allison 2500 Series 5-speed w/ overdrive and
push-button selector

REAR AXLE AND SUSPENSION

21,000 lb. axle standard
25,000 lb. axle optional
10,500 lb. air-ride suspension, standard
15,500 lb. air-ride suspension, optional
21,000 lb. air-ride suspension, optional
21,000 lb. air suspension, optional
25,000 lb. air suspension, optional
Heavy-duty shock absorbers

FUEL TANK

85 gallons, frame rail mount
100 gallons between axles, optional

TIRES AND WHEELS

Standard 295/75R22.5 14-ply load range E w/
pulsed aluminum wheels
Other tires to 22.5" size available

ADDITIONAL OPTIONS

Starting motor w/ overcrank protection
Engine block heater
Heater shut-off system
Heated outside mirrors
Power mirrors
Climate mirrors

BODY SPECIFICATIONS

Overall Length Outside (Bumper-to-Bumper)
• 14 to 38'
Interior Width
• 90" measured at floor level
Interior Height
• 70" at center of aisle

Exterior Width

• 102" (excluding mirrors)
Exterior Height
• 130" to top of roof

Body Construction

• 12-gauge galvanneal steel exterior panels with
additional anti-rust/corrosion coating
• Heavy-duty aluminum luggage door, bay and
compartment
• Comparted luggage compartment floor
• One-piece aluminum sidewalls
• One-piece aluminum roof

INTERIOR

20 to 44 passenger capacity reclining seats with
armrests and footrests
100% adjustable driver's seat
Two-piece large-view windshield
Panoramic 50% heat rejection tinted windows
Luxury overhead luggage racks with reading lights
Driver side door
Decorative curtains on all passenger windows
Driver's partition with shield

OTHER FEATURES

Seal-in door standard on four model
European-style mirrors
European-style projector beam headlights
Fog lights
Lighted front destination sign with multiple
destination mechanisms

AIR CONDITIONING

Thermo King roof-mounted ducted system
Independent passenger vents
Six-door vents
Thermoelectrically controlled by driver

For more information, visit www.ic-corp.com or call 1-800-892-7761

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IC CORPORATION. BUSES BUILT WITH CARE.



A HANSON COMPANY



**IC CORPORATION
LC SERIES**

HIGHER STANDARDS. LOWER BUS.



Standard seats
and seat
belts meet
ADA
compliance
for easy entry
and egress.



Low-floor design and spacious interior
make the bus accessible to everyone.

It doesn't get any easier than this. With its "kneeling" function, low-floor design and spacious interior, the IC Corporation LC Series provides everyone with total accessibility.

And with a completely integrated chassis and body, IC Corporation makes vehicle maintenance easier and quicker than ever before. One company. One bus. One smart choice.

IC CORPORATION LC SERIES

The IC Corporation LC Series is designed to accommodate ADA-compliant bodies with style and performance that are second to none.



FRAME

200", 217", 234" wheelbase options
GVWRs of 20,000 to 22,000, 217" wheelbase
23,000 to 24,000 GVW, 234" wheelbase

FRONT END

Chrome fenders, headlights, bumper
Chrome, styled grille
Easy 18.5 brake pedal

FRONT SUSPENSION

5,000 lb. air suspension over 100,000 miles

BRAKES

4-wheel disc, ABS system w/ 4-wheel ABS
Dumore® 15" x 1.44", dual 23" diameter
pneumatic front wheels and valves
Dumore® 15" x 1.44", dual 23" diameter
pneumatic rear wheels and valves
Parking brake, transmission mounted, spring returned, air
operated

STEERING

700-40 steering gear w/ LUK VT-55 pump
Reserve oil tank 1.5 gal. Reserve oil flow 18 liters per
10,000 miles

SHOULDER

Steel 1500 Series shafts and joints

EXHAUST

Single horizontal outlet, aluminum catalytic converter, right
side intake mounted with air-side-out

ELECTRICAL

12-volt Lucas flexible alternators, 175 - 270 amps
available
800 Amp 24 batteries, 1300 - 1800 CCA's available

PAINT

Black weather-resistant

ENGINE

International® VT 360, 175 - 210 horsepower available
Fuel-water separator, integral w/ fuel filter
Air cleaner, mechanical, restricted gauge
Automatic cranking over and under voltage system w/
interval fan drive
Cruise control

TRANSMISSION

Allison 2000 PTO Series 5-speed air-overdrive and park
pawl

REAR AXLE AND SUSPENSION

Low-profile Cummins double-reduction axle with 5.10 9.5-
gear ratio
Air spring suspension w/ trailing arm and track bar
Integrated air-over-ride bar
Heavy-duty shock absorbers

AIR CONTROL SYSTEM

Convenient dashboard-mounted ride height control with 4
electronic height sensors
Standard leveling feature

- Over-temperature shut-off front suspension inlets

- Daily ramp and rear suspension inlets

Lift-off capability

- Allison low-friction 2" drive torque ride height

Boards, 100% ISO 132.07M air compressor

Boards 40 HP w/ trailer air stop

FUEL TANK

Standard 50 gallon, left-hand step tank

Optional 55 gallon, between-the-axle tank

CAR

International® Meritor® system

5-gauge cluster w/ visual and audible warning system

Steering light w/ brake warning feature

Standard low-riding rear suspension high-back driver's seat

w/ 3-yr. seat belt

Optional air suspension high-back driver's seat

TIRES AND WHEELS

Standard 245/75R15.5 13-ply load range F w/ steel

partially steel

Optional 245/75R15.5 13-ply load range G w/ steel

partially steel

ADDITIONAL OPTIONS

No steering column

Rig lights

Starting motor w/ steel case protection

Step stool, work box, 5 channel power module

Engine block heater

King Motor Series 700 remote fan drive

International® Meritor® 150C

Right-hand passenger door w/ tire

Service filter for

Overdrive gear/handover w/ rubber inserts

Master shut-off valve

Weather outside mirrors

Power mirrors

Overdrive mirror

Rover mirrors w/ power door locks

Remote vehicle entry

Low water fuel indicator

Service lights w/ auto vapor activation

Thief deterrent system

Key fob lock w/ push button apply

Alarm® vehicle intelligence system

BODY SPECIFICATIONS

Over all length options (Excludes 40' bumper)

• 340", 360", 400", 420"

Interior width

• 95" (measured at floor level)

Interior height

• 72" at center of aisle at rear of the bus

Exterior height

• 102" including mirrors

Exterior length

• 110", to top of roof (including roof-mounted air

if equipped)

Door height

• 18" (7") maximum without kneeling

• 17" at full load

Clear Passenger Door Opening

• 21" x 70"

• Electric door operation

• As power door optional

Body Construction

• Steel-plated steel w/ zinc-epoxy protection

• Steel exterior panels

Rating

• ADA compliant ramp platform for rapid boarding and

exitting of special needs passengers

For more information, visit www.ic-corp.com or call 1-800-892-7761

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