

MCI® ISTV™

INMATE SECURITY TRANSPORTATION VEHICLE

RAISE THE BAR ON PRISON TRANSPORT



MOTOR COACH
INDUSTRIES



TECHNICAL SPECIFICATIONS



DIMENSIONS

Overall Length	40.5 ft	12.34 m
Wheelbase	279.00 in	7.09 m
Front Overhang	75.90 in	1.93 m
Rear Overhang	131.50 in	3.34 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	85.68 in	2.18 m
Rear Track (drive)	76.56 in	1.94 m
Rear Track (trailing)	85.68 in	2.18 m
Turning Radius	44.70 ft	13.62 m
Curb Weight	31,500 lbs	13,835 kg
Gross Vehicle Weight Rating	46,000 lbs	20,865 kg

AVAILABLE FEATURES

- Lavatory
- Custom-designed inmate containment barriers and cells
- Window bars (interior or exterior mounting), 1" shatter-resistant windows
- Rear officer position
- Code 3 lights, siren and external PA
- Bullet resistant material
- Mid-coach emergency door
- Onboard surveillance system
- GPS tracking system
- Weapons locker
- 12V & 110V power for the officers
- Aluminum wheels
- Back-up camera
- Large officer's desk
- Electronic Stability Control
- Fire Suppression System

STANDARD FEATURES

Engine Mfr.	Cummins ISM or Detroit Diesel S-60
Transmission	Allison Gen IV B500 automatic 6-speed transmission
Front Axle	Meritor 16,000-lb (7,257 kg)
Drive Axle	Meritor 22,500-lb (11,793 kg)
Tag Axle	Meritor Independent 10,000-lb (4,535 kg)
Seating	Up to 69 inmates
Engine Brake	Jacobs engine brake
Wheels	Hub-mounted 22.5 x 9.0 steel wheels
Tires	Customer selection
Alternator	Delco-Remy 50DN 270A 24V
Parking Brake	MGM spring brake
Fuel System	164 gallon fuel tank (usable capacity)
Body Type	Stainless steel lower frame and high-tensile low-alloy steel in upper-body framing and high-stress areas
Exterior Skin	Fiberglass; electrogalvanized steel, aluminum, stainless steel
Windows	1/2" acrylic shatter resistant
Brakes	Disc brakes w/unitized hubs and preset bearings
Interior	Embossed stainless steel sidewalls and ceiling
Baggage Doors	Under-floor stainless steel pantograph-type with pneumatic lock
Entrance Door	Air-operated sedan style door
Indicators	Speedometer, oil pressure, engine coolant temperature, fuel level, voltmeter, air pressure
Warning Lights	Real-time diagnostics
Cooling System	Side by side radiator and charge air cooler system
Air Compressor	Bendix Model BA-922 compressor
Air Dryer	Bendix Model ADIP
Steering System	Ross integral power steering
Suspension	Air suspension with automatic leveling system
Batteries	Two SAE 8D (1350 c.c.a. each)
Voltage	12-volt and 24-volt
Exterior Lights	12-volt LED
Electrical System	Fully multiplexed I/O controls

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