

MCV

600 3 AXLES

DESIGNED TO LEAD
BUILT TO LAST



BODY		CHASSIS	
Dimensions		Category	Cochs super high deck 3 axles
Wheelbase(mm)	7290/ 1350	Chassis	Mercedes-Benz OC 500 RF 2542 3 axles
Overall length (mm)	14,345	GVW (kg)	25,500
Overall Width (mm)	2,550	Chassis Components	
Overall Height (mm)	3815 mm (with A/C)	Engine:	Mercedes-Benz OM 457LA
Front Overhang (mm)	2,760	Cylinders/ Displacement (cm3)	6 / 11967
Rear Overhang (mm)	2,945	Type	Vertical In-line 4-stroke diesel, Mercedes-Benz direct injection system turbo-charged engine with intercooler
Capacity:		Output (kW)	310 kW (421 hp) @ 2000 rpm
Passenger Capacity	61 seats (with toilet)	Torque	1800 Nm @ 1100 rpm
Luggage Capacity	Up to 15 (without sleeping compartment)	Smoke Emission Standard	Euro 3 (optional Euro IV)
Standard Body Features		Transmission	Automatic ZF EcoLife AP 6 speed
Type of Structure	Welded closed steel profiles anti-rust treated by rich zinc paint	Steering	ZF 8098 power steering
Insulation	Effective Insulation against heat & sound	Brake System	Dual circuit, full air system ABS/ASR/ESP
Passenger Doors	Plug doors on the right hand side, front & center door, electro-pneumatic actuators	Parking Brake	Spring loaded parking brake
Windscreen	One piece panoramic view laminated windscreen (with tinted upper green)	Additional Brake	Exhaust brake flap in exhaust manifold plus top brake
Side Windows	Fixed single tempered glass (tinted gray 80%).	Retarder	Volth VR115E
Driver Windows	Powered tempered glass window	Axles:	
Roof Hatches	2 roof hatches with multi position opening (emergencytype)	Front Axle	ZF Independent wheel suspension RL 75/E (7.5 t)
Passenger Seats	Seats are equipped with 2 point seat belt, USB chargers, news net, service table & foot rest	Drive Axle	MB rigid axle RO 440 (12 t)
Drive Seats	Pneumatic with 3 points seat belt	Trailing Axle	Actively steered trailing axle (6 t)
Co-Drive Seats	3P safety belt, cushion locking system & foldable arm rest	Suspension:	
Mirrors	Two electrically operated heated external mirrors	Front Suspension	2 shock absorbers, 2 bellows on the front axle with anti-roll bar
Air Conditioning	Roof mounted A/C driven by bus engine 45 kW & demister evaporator unit 7 kW & sleeping compartment unit 7 kW (optional)	Rear Suspension	4 shock absorbers, 4 bellows on the drive axle with anti-roll bar
Heating System	Demister, side convectors & sleeping compartment heater (optional)	Wheel Rims	2 shock absorbers, 2 bellows on the trailing axle
Interior Lighting	Two LED continuous lights for passenger area	Wheel Tires	8.25 x 22.5
Accessories		Alternator (V/A)	28V/2x140 A (additional alternator 140A for A/C)
	A/V system with two 19" LED monitors (front & middle), 7" touch screen monitor for driver & integrated microphone and loud speakers	Batteries (V / Ah)	2X12V, 225 Ah
	Roof system with air duct & parcel rack, personal units and two luggage flaps	Fuel Tank Capacity (liters)	575
	Toilet	Standard Features	
	Fridge integrated in dashboard 50L		Multifunction steering wheel
	3 Camera system: front interior saloon, interior, center door & exterior rear view camera with monitor at driver position		Cruise control
	Electric sun visor for windscreen & manual sun visor for driver side		
	Exterior LED side light for the luggage area		
	Digital clock		
	Rear parking sensors		
Optional Equipment			
	Kitchenette with 55 L fridge		
	Driver's sleeping compartment		
	Double glazing		
	Aluminum rims		

