



## DESIGNED TO LEAD.. BUILT TO LAST..



### MCV 500 Euro 3

Category	High Deck Coach
Chassis	O50ORS 1836
GVW (Kg)	18,500
<b>Chassis components</b>	
Engine:	MB OM 457 LA.III
Cylinders/displacement (cm3)	6 Cylinders vertical in line /11967 cubic centimeter
Type	Turbocharged and intercooler
Output (kW)	265 kW (360hp) @2000 rpm
Torque	1600 Nm @ 1100 rpm
Smoke emission standard	Euro III (Optional Euro V)
Transmission	Mercedes-Benz GO210, 6 Speeds manual (with Integrated servo shift)
Retarder	Voith I15 Digiprop retarder
Clutch	MFZ 430, Single disc, dry, hydropneumatic actuated
Steering	ZF - 8098
Brake system	Disc Brake, Dual-circuit, full air system with ABS
Parking brake	Spring loaded rear brake chambers with air release
Additional brake	Exhaust brake and top brake
Front axle	VL4/39 DC -7100Kg, forged steel "I" beam
Rear axle	HO4/08DCL - 11500Kg ( ratio 3.67), integral center housing with pressed-in axle steel tubes
Suspension	Air Suspension with 2 air bellows at the front and 4 air bellows at the rear
	Stabilizer front and rear
	Double acting shock absorbers 2 front and 4 rear
Wheel rims	Steel 8.25x 22.5
Tyres	295/80 R22.5
Alternator (V/A)	2 x 28/140 A
Batteries (V/Ah)	2 x 12/200Ah
Fuel tank capacity (liters)	400
<b>Chassis Features</b>	
	Cruise control
	Electronic Tachograph
<b>Chassis optional Features</b>	
	EBS (ASR +ABS)

<b>Dimensions</b>	
Overall length (mm)	12,220
Overall width (mm)	2,550
Overall height (mm) with A/C	3,580
Wheelbase (mm)	5,980
Front overhang (mm)	2,760
Rear overhang (mm)	3,480
Standing height center aisle (mm)	1,930
Approach/departure angles (degree)	8 / 8
First step height (mm)	330
Ground clearance (mm) Chassis	200
Luggage capacity (Cubic meter)	up to 9 (with toilet)
<b>Capacity</b>	
Seating passengers (Standard)	49+1+1 (with toilet)
Optional seating capacity	51+1+1 (without toilet)
<b>Standard Body Features</b>	
Number of doors	2 (front & center)
Type of doors	Plug Type
Door actuation	Electro-pneumatic
Windscreen	One Piece (Glued)
Side windows	Single Glazing (Tinted Gray 80%)
Roof hatches	Two -Emergency Type
Type of seats	Luxury reclinable seats with 2 Point seatbelt
Driver seat	Air suspension
Driver window	Powered
A/C system	Cooling capacity 43 kW
Mirrors	Two exterior electric & heated mirrors
Insulation	Effective insulation against heat & sound
A/V System	A/V system with driver touch screen
	Dashboard top loading Fridge 50L
	Rear Fog Light
<b>Other Standard Features</b>	
	Demister for windscreen with additional A/C cooling unit 7 kW
	Electric Sun visor
	Side Convectors
<b>Body Optional Features</b>	
	Kitchenette

\*MCV reserves the right to make changes to design and equipment without notice. The images may contain extra or optional equipment.

