

# BMC MIDIBUSES & COACHES

For your safety and comfort



MIDILUX



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*Ergonomic layout of the driver's cabin*



*Comfortable and reclining seats with three-point seatbelts*



*LCD monitor, TV / DVD / Mp3 player for an increased ride comfort*



*Roomy interior and attractive design*



*Ample & generous luggage space*



## MIDILUX

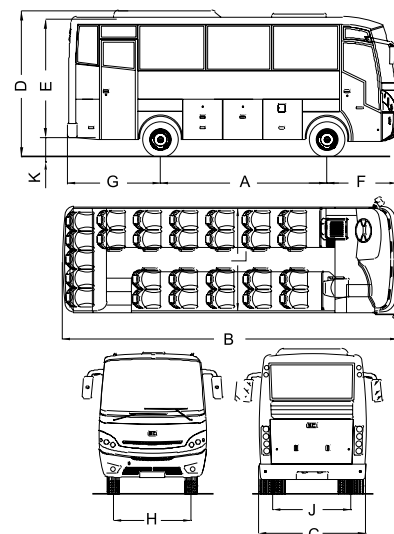
Compact and manoeuvrable 7,5 metre Midilux combines comfort and cost-efficiency, which is specifically designed for demanding coach operators. Fitted with a Euro 5 Cummins engine rated at 185 PS, Midilux offers both low fuel consumption and environmentally-friendliness. The striking impression of the coach in line with bright and lively interior gives passengers a feeling of freedom. Seats are

fitted with armrests and three-point seatbelts. LCD monitor, DVD / Mp3 player add to the outstanding ride comfort of the bus. Midilux stands out as a versatile, safe and comfortable coach with the main focus on cost-efficiency for passengers and operators alike.



## TECHNICAL SPECIFICATIONS

ENGINE	
MAKE/MODEL	CUMMINS ISBe5 185B EURO-5
TYPE	Turbocharged intercooler, diesel
NUMBER OF CYLINDERS	4
TOTAL DISPLACEMENT	4.5 lt.
MAXIMUM POWER	185 PS (136 KW) @ 2300 rpm
MAXIMUM TORQUE	700 NM @ 1200-1600 rpm
FUEL INJECTION	
MAKE / MODEL	BOSCH / HPCR
FUEL TANK CAPACITY	115 lt
CLUTCH	
TYPE	Single dry disc, air assisted, hydraulic
GEAR BOX	
MAKE / MODEL	ZF 6 S 710-BO, manual
NUMBER OF GEARS	6 forward, 1 reverse synchromesh
FRONT AXLE	
TYPE, CAPACITY	"I" section, forged steel, 4800 kg
REAR AXLE	
MAKE / TYPE	MERITOR 120 WW
NUMBER OF SPEEDS	Single Speed
AXLE RATIO	4.30 : 1
CAPACITY	8500 kg
STEERING SYSTEM	
STEERING BOX MAKE / MODEL	HEMA (ZF) 8090
TYPE	Integral type, Hydraulic
BRAKE SYSTEM	
TYPE	Full air service brake, front and rear disc brakes, air actuated hand brake, ABS / ASR
RETARDER	Electromagnetic Retarder
SUSPENSION	
FRONT AXLE	Parabolic leaf spring + Double acting telescopic shock absorbers
REAR AXLE	Parabolic leaf spring + Air bellows + Double acting telescopic shock absorbers
ANTI-ROLL BAR	Front and rear
CHASSIS	
PROFILE TYPE	"C" section steel profile
TYRES	235 / 75 R 17.5 ,Tubeless, 6+1
RIMS	6.75 x 17.5
ELECTRICAL SYSTEM	
VOLTAGE	24 V , negative (-) ground
BATTERIES	2 x 12 V , 150 AH
ALTERNATOR	24 V , 140 A
STARTER MOTOR	24 V , 4 kW



### DIMENSIONS (mm)

A : Wheelbase	3700
B : Overall length	7330
C : Overall width	2390
D : Overall height (With AC)	3300
E : Inner height	1910
F : Front overhang	1565
G : Rear overhang	2065
H : Front track	1910
J : Rear track	1800
K : First step height	375
L : Inner width	2270

### WEIGHTS (kg)

Kerb weight	6810
Kerb weight, front axle	3230
Kerb weight, rear axle	3580
Max. permissible total weight, front	4000
Max. permissible total weight, rear	6000
Gross vehicle weight	10000

<b>PASSENGER CAPACITY</b>	27 sitting + 1 hostess + 1 driver
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<b>BAGGAGE CAPACITY</b>	4.5 m <sup>3</sup> / 873 kg
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### PERFORMANCE

Gradeability (at GVW) (%)	45
Max. speed at level road (kph)	95
Turning radius (mm)	7800

### STANDARD ACCESSORIES

Air Condition
TV, DVD player (DVD, VCD, CD, MP3), LCD monitor
Radio-CD
Amplifier, Speaker
Coolbox
Independent heater
Full climate control and ventilation system
PA system with drivers microphone
27 reclining seats with 3 points seat belts
Armrests to gangway, crew seat
Full draw curtains
Interior mirror
Electrically operated lux type exterior mirrors
Manually operated blinds for driver and crew
Carpet to entrance area and gangway
Reverse drive signal
Semi integral construction
GRP front and rear panels
Full noise insulation around the engine
Hinged luggage compartment doors
Single glazed side windows
Sliding drivers window
Individual reading lamps and air blows
Emergency break glass hammer





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