

BMC MIDIBUSES & COACHES

For your safety and comfort



PROBUS 850



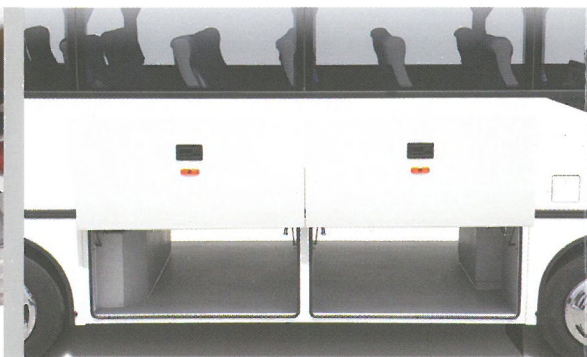
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285 PS Euro 5/EEV Cummins rear fitted engine and manual/automatic gearbox options for increased ride comfort

Fascinating interior design for comfort and safety

Ergonomically designed dashboard



Personal comfort controls: individual reading lights and air flows

LCD monitor, TV / DVD / Mp3 player are standard features for an ultimate entertainment

Generous luggage compartment of 4,5 m³

PROBUS 850

On the road throughout Europe, PROBUS 850 is an ideal 9 metre luxury coach with its built quality and tried and tested features. PROBUS 850 is a master of economy with its enduring reliability and outstanding operating costs. The elegant style of the bus in combination with the large tinted side windows offers excellent visibility and a pleasant atmosphere in the bus. A synthesis of comfort and safety, PROBUS 850 has a fascinating interior design to provide customers with maximum comfort. The bus is easily accessible with enhanced entry steps on both front and rear doors. PROBUS 850 provides generous headroom and a feeling of space within the passenger compartment, allowing passengers to stand up at ease.

The aesthetically pleasing seats, reclining complete with folding armrest, offer maximum comfort to passengers with optimised legroom. Three-point seatbelts ensure maximum safety. Individual reading lights and air flows are fitted under the easy access overhead luggage racks. LCD monitor, DVD / Mp3 player and Public Announcement system further contribute to the concept of ultimate comfort for passengers. PROBUS 850 offers a large coolbox fridge in order to facilitate best service on longer routes. As a coach, PROBUS 850 provides a luggage compartment of 4,5 m³ for inter-urban use. Robust, reliable and cost-efficient PROBUS 850 fulfils the requirements of coach operators as well as ensuring a safe and comfortable ride to the passengers.



TECHNICAL SPECIFICATIONS

ENGINE

MAKE/MODEL	CUMMINS ISB6,7 E5 285B EURO-5
TYPE	Turbocharged intercooler, diesel
NUMBER OF CYLINDERS	6
TOTAL DISPLACEMENT	6.7 lt.
MAXIMUM POWER	285 PS (210 KW) @ 2300 rpm
MAXIMUM TORQUE	1020 NM @ 1200-1800 rpm

FUEL INJECTION

MAKE / MODEL	BOSCH ELECTRONIC
FUEL TANK CAPACITY	200 lt

GEAR BOX

MAKE / MODEL	ZF 6S 1010 BO Manual / ZF 6HB 504C Automatic
NUMBER OF GEARS	6 forward, 1 reverse synchromesh

FRONT AXLE

TYPE, CAPACITY	"I" section, forged steel, 5000 kg
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REAR AXLE

MAKE / TYPE	DANA
NUMBER OF SPEEDS	Single Speed
AXLE RATIO	4.33 : 1
CAPACITY	9500 kg

STEERING SYSTEM

STEERING BOX MAKE / MODEL	HEMA (ZF) 8098
TYPE	Servocom type, Hydraulic

BRAKE SYSTEM

TYPE	Full air service brake, front and rear disc brakes, air actuated hand brake, ABS / ASR
RETARDER	Manual: Retarder / Automatic: Intarder

SUSPENSION

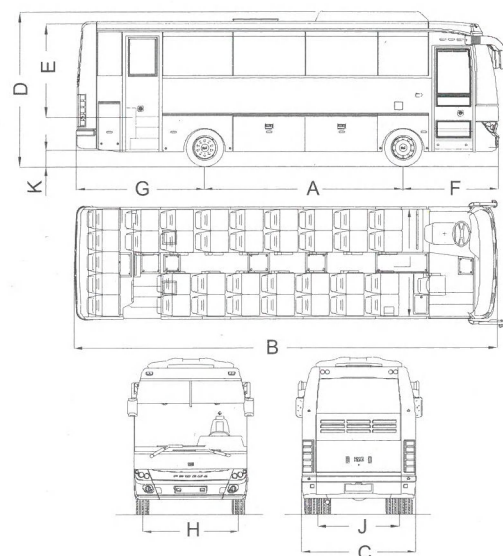
FRONT AXLE	Air spring (2), shock absorbers (4)
REAR AXLE	Air spring (4), shock absorbers (4)
ANTI-ROLL BAR	Front and rear

CHASSIS

PROFILE TYPE	"C" section steel profile
TYRES	265 / 70R 19,5 - tubeless / 6+1
RIMS	7.50 x 19.5

ELECTRICAL SYSTEM

VOLTAGE	24 V , negative (-) ground
BATTERIES	2 x 12 V , 150 Ah
ALTERNATOR	24 V , 155 A
STARTER MOTOR	24 V , 3.5 kW



DIMENSIONS (mm)

A : Wheelbase	4160
B : Overall length	8800
C : Overall width	2390
D : Overall height	3280
E : Inner height	Front : 2200 / Rear : 1980
F : Front overhang	1970
G : Rear overhang	2670
H : Front track	2000
J : Rear track	1811
K : First step height	360
L : Inner width	2240

WEIGHTS (kg)

Kerb weight	9700
Kerb weight, front axle	3100
Kerb weight, rear axle	6600
Max. permissible total weight, front	4480
Max. permissible total weight, rear	8650
Gross vehicle weight	12900

PASSENGER CAPACITY

35 sitting + 1 hostess + 1 driver

BAGGAGE CAPACITY

4.5 m³

PERFORMANCE

Gradeability (at GVW) (%)	Manual: 52 / Automatic: 23
Max. speed at level road (kph)	Manual: 135 / Automatic: 125
Turning radius (mm)	8735

STANDARD ACCESSORIES

Air condition
Ferry boat exit-entrance lift system
Cool box
TV, DVD player (DVD, VCD, CD, MP3), LCD monitor
PA system with drivers microphone
Full climate control and ventilation system
Independent heater
35 reclining seats with 3 points seat belts,
Armrests to gangway, tables on seat backs and 1 crew seat
Power operated entrance door
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
Double glazed side windows
Sliding drivers window
Individual reading lamps and air blows
4 emergency break glass hammer





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