

BMC CITY BUSES

For your safety and comfort



PROCITY



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Ergonomically enhanced driver's cabin with all instruments, switches and displays positioned within driver's field of vision



Well laid-out and generously proportioned interior with comfortable seats and safety-grip handrails



Kneeling function and walk through super low floor for easy passenger entry and exit



285 or 320 PS Cummins common-rail engine in Euro 5, fitted at the rear left-hand side for a more spacious interior



Manual foldable ramp and wheelchair space enhance easier access for disabled passengers and prams



PROCITY

With the main concepts of safety, comfort and cost-efficiency, PROCITY is tailored to fulfil the requirements of bus operators in urban transport sector. The low operation and maintenance costs make PROCITY a durable and reliable bus with excellent life time costs. PROCITY ensures a smooth and swift flow of passengers thanks to the stepless, walk through super low floor design. The kneeling function in combination with the folding ramp makes it easier for wheelchair users, passengers with restricted mobility and prams to get on and off the bus. In addition to its welcoming and distinctive look, PROCITY

presents a safe, comfortable and pleasant atmosphere inside the bus. The bright and roomy passenger compartment stemming from frameless large side windows in combination with well laid-out and generously proportioned width and headroom offers an exceptional level of comfort. Highly comfortable seats made of robust, hard-wearing and easy-to-clean material add to the feel good factor for passengers.

All in all, PROCITY stands out to be the perfect match for specific requirements of the sector.



TECHNICAL SPECIFICATIONS

ENGINE

MAKE/MODEL	CUMMINS ISBe5 285B EURO-5	CUMMINS ISLe5 320B EURO-5
TYPE	Turbocharged intercooler, diesel	Turbocharged intercooler, diesel
NUMBER OF CYLINDERS	6	6
TOTAL DISPLACEMENT	6.7 lt.	8.9 lt.
MAXIMUM POWER	285 PS (210 KW) @ 2300 rpm	320 PS (235 KW) @ 2100 rpm
MAXIMUM TORQUE	1020 NM @ 1200-1800 rpm	1300 NM @ 1100-1600 rpm

FUEL INJECTION

MAKE / MODEL	BOSCH / HPCR	
FUEL TANK CAPACITY	250 lt	

GEAR BOX

MAKE / MODEL	ZF 6HP 504C Automatic	ZF 6HP 604C Automatic
NUMBER OF GEARS	6 forward, 1 reverse automatic	6 forward, 1 reverse automatic

FRONT AXLE

TYPE, CAPACITY	ZF RL 85A, 8500 kg	
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REAR AXLE

MAKE / TYPE	ZF AV132	
NUMBER OF SPEEDS	Single Speed	
AXLE RATIO	6.21 : 1	
CAPACITY	13000 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	Intarder	

SUSPENSION

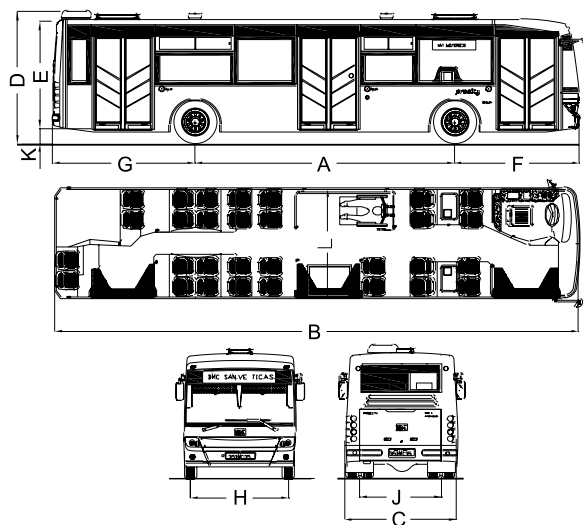
FRONT AXLE	Air spring (2), shock absorbers (2)	
REAR AXLE	Air spring (4), shock absorbers (4)	
ANTI-ROLL BAR / KNEELING	No anti roll bar / Right side kneeling	

CHASSIS

PROFILE TYPE	Monocoque body	
TYRES	275 / 70R 22,5 - tubeless / 6+1	
RIMS	8.25 x 22.5	

ELECTRICAL SYSTEM

VOLTAGE	24 V , negative (-) ground	
BATTERIES	2 x 12 V , 210 Ah	
ALTERNATOR	24 V , 140 A	
STARTER MOTOR	24 V	



DIMENSIONS (mm)

A : Wheelbase	5850
B : Overall length	11880
C : Overall width	2535
D : Overall height	Without A/C: 2949 With A/C: 3050
E : Inner height	2370
F : Front overhang	2815
G : Rear overhang	3215
H : Front track	2096
J : Rear track	1832
K : First step height	340
L : Inner width	2410

WEIGHTS (kg)

Kerb weight	10850
Kerb weight, front axle	3560
Kerb weight, rear axle	7290
Max. permissible total weight, front	7100
Max. permissible total weight, rear	11500
Gross vehicle weight	18000

PASSENGER CAPACITY

30 seating + 66 standing + 1 driver

PERFORMANCE

Gradeability (at GVW) (%)	47
Max. speed at level road (kph)	104
Turning radius (mm)	11000

STANDARD ACCESSORIES

Manual destination board (Front, Rear, Side)
Radio / CD Player, Speaker
Manual foldable ramp

OPTIONS

Air Condition
Independent heater
Electrical disabled ramp
Digital destination board (Front, Rear, Side)





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