

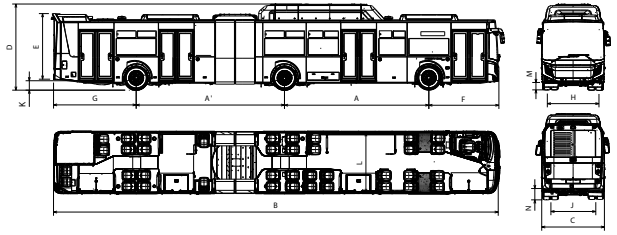
PROCITY CNG



BMC

CITY BUS SERIES

PROCITY CNG (18 M LOW FLOOR ARTICULATED)



ENGINE

Brand / Model	Cummins ISL8,9 G Euro VI
Type	Turbocharged Intercooler, CNG
Number of Cylinders	6
Total - Displacement	8,9
Maximum Power	239 kW (320 HP) @ 2000 rpm
Maximum Torque	1356 Nm @ 1300 rpm
Cylinder Diameter X Stroke	114 / 145

FUEL SYSTEM

Fuelling Nozzle	Right Side, NGV 2
CNG Tank Capacity	1400 lt

TRANSMISSION

Brand / Model	ZF 6AP 1400B Ecolife Automatic
Number of Gears	6 Forward, 1 Reverse

AXLES

Front Axle

Brand / Model	ZF (Independent)
Load Capacity	8.200 kg

Mid Axle

Brand / Model	ZF (Portal)
Load Capacity	13.000 kg

Rear Axle

Diff. Brand / Model	ZF (Portal)
Gear Ratio	6.20:1
Load Capacity	13.000 kg

STEERING

Type	Hydraulic
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BRAKE SYSTEM

Brake System Type	Air Controlled Disc (Front and Rear)
	EBS (ABS+ASR)
Retarder Type	Intarder, Activated via Hand Lever And/Or Brake Pedal

SUSPENSION

Front Axle	Air Bellows (2), Hydraulic Absorbers (2)
Mid and Rear	Air Bellows (4), Hydraulic Absorbers (4)
Kneeling	Side kneeling (ECAS)
Anti-roll Bar	Rear Axle

VEHICLE BODY

Body and Construction	Integral Design, Monocoque Chassis and Body, Low-floor
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TIRES/RIMS

Size	275/70 R22,5
Rims Size	8,25 x 22,5

ELECTRICAL SYSTEM

Voltage	24 V Negative Chassis
Batteries	2x12V / 480Ah (2 x 240Ah)

DIMENSIONS (mm)

A: Wheelbase	5850
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B: Vehicle Length	18124
C: Overall Width	2550
D: Maximum Height	3450
E: Inner Height	2370
F: Front Overhang	2840
G: Rear Overhang	3400
H: Front Track Width	2096
J: Rear Track Width	1832
K: Entrance Height	340
L: Inner Width	2410

CAPACITY/AXLE LOADS

Passenger Capacity (Max.)	38 Seating + 112 Standing, 150 Total
Seating Capacity (Max.)	42 Seating (incl. 4 Tip-up Seats)
Allowable Maximum Front Axle Load	7250
Allowable Max Middle Axle Load	1000
Allowable Maximum Rear Axle Load	11500
Gross Vehicle Weight	28000

STANDARD FEATURES

A/C 52 kW
 Manuel Foldable Disabled Ramp
 Automatic Fire Detection System
 Electrically Controlled Heated Side Mirrors
 LED Interior Lighting
 Driver Cabin
 Adjustable Steering Entegrated With Cluster (DWP)
 LED Destination Panels

OPTIONAL FEATURES

A/C with Roof Heating Function
 Driver A/C (Defroster)
 Preheater
 Engine Room Automatic Fire Extinguishing System
 Automatic Greasing System
 LCD Monitor
 USB Charger
 Camera Surveillance System With Recording
 Passenger Counting System
 Announcement System
 Fuelling Nozzle on Both Side (NGV2)
 Type 4 Fuel Tank
 Fuel Tank Capacity: 1584 or 1632 lt
 Automatic Air Tank Drain Valve
 Rear View Camera and Display Screen
 Tachograph (DTCO)
 Electric Fan for Ventilation
 Tyre Pressure Monitoring System (TPMS)
 Double Glazed Side Glasses
 3 x Double Doors Configuration (2-2-2-0)

All visuals, dimensions, characteristics and equipments are for information purposes only and they are not contractual. BMC reserves the right to modify them without prior warning. (April 2019)

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