

# PROFESSIONAL

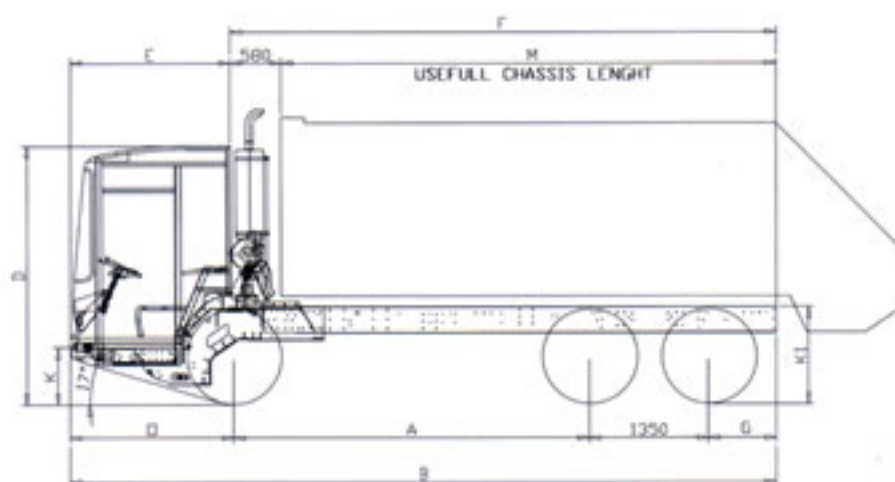
# 628



**BMC**

# PROFESSIONAL 628

<b>CAB TYPE</b>	Low-entry cab
<b>CHASSIS FRAME USAGE</b>	Compactor
<b>WHEEL CONFIGURATION</b>	6x4
<b>ENGINE</b>	
MAKE / MODEL	CUMMINS ISBe4 285 (Euro 4)
TYPE	Turbo intercooler, diesel
NUMBER OF CYLINDERS	6
TOTAL DISPLACEMENT	6.7 lt
MAXIMUM POWER	285 PS (210 kW) @ 2500 rpm
MAXIMUM TORQUE	1020Nm @ 1200-1700 rpm
<b>FUEL INJECTION</b>	
MAKE / MODEL	BOSCH / HPCR
FUEL TANK CAPACITY	150 lt
<b>GEAR BOX</b>	
MAKE / MODEL	ALLISON 3500
NUMBER OF GEARS	5 forward, 1 reverse automatic
<b>FRONT AXLE</b>	
TYPE, CAPACITY	"I" section, forged steel, 8500 kg
<b>REAR AXLE</b>	
MAKE/MODEL	MERITOR TANDEM CARRIERS MT153
NUMBER OF SPEEDS	Single Speed
AXLE RATIO	5.63:1
CAPACITY	19000 kg
<b>STEERING SYSTEM</b>	
STEERING BOX MAKE / MODEL	HEMA (ZF) 8098
TYPE	Servocom, integral type, hydraulic
<b>BRAKE SYSTEM</b>	
Full air service brake, air actuated spring parking brake, exhaust brake, ABS	
<b>SUSPENSION</b>	
FRONT AXLE	Semi-elliptic leaf spring + telescopic shock absorbers
REAR AXLE	Tandem leaf spring
ANTI-ROLL BAR	Front
<b>CHASSIS</b>	
PROFILE TYPE	"C" section niobium steel profile
<b>TYRES</b>	
295 / 80 R 22.5, 10+1 tubeless	
<b>RIMS</b>	
8.25 x 22.5, 10 studs	
<b>ELECTRICAL SYSTEM</b>	
VOLTAGE	24 V, negative (-) ground
BATTERIES	2 x 12 V, 150 Ah
ALTERNATOR	24 V, 90 A
STARTER MOTOR	24 V



## DIMENSIONS (mm)

A: Wheelbase	4050
B: Overall length	8000
C: Overall width	2500
D: Overall height	2940
E: Bumper to back of cab	1850
F: Back of cab to end of frame	6180
G: Rear overhang	750
H: Front track	2120
J: Rear track	1838
K: Frame height on front axle	654
K1: Frame height on rear axle	1105
M: Useful chassis length	5600
N: Frame width-front	960
N1: Frame width-rear	800
O: Front overhang	1900

## WEIGHTS (kg)

Kerb weight	7660
Payload (including body)	18340
Max. permissible total weight, front	7100
Max. permissible total weight, rear	19000
Gross vehicle weight	26000

## PERFORMANCE

Gradeability (at GVW) (%)	33.6
Max. speed at level road (at GVW) (kph)	115

## ADDITIONAL INFORMATION

AdBlue tank capacity	35 lt
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The manufacturer reserves the right to modify design and specifications without prior notice.

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