

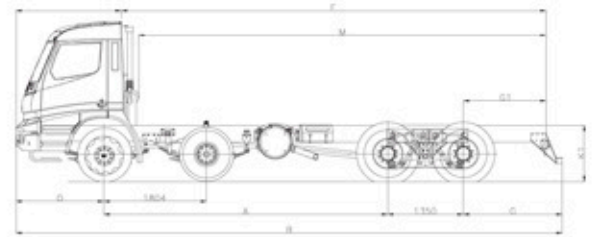
PROFESSIONAL

938



PROFESSIONAL 938 EDE (8X4)

CAB TYPE	Day Cab (Facelift, Wide)	
CHASSIS FRAME USAGE	Tipper	
WHEEL CONFIGURATION	8x4	
ENGINE		
MAKE/MODEL	Cummins ISLe5 380 (Euro 5)	CUMMINS ISLe4 380 (Euro 4+)
TYPE	Turbo intercooler, diesel	Turbo intercooler, diesel
NUMBER OF CYLINDERS	6	6
TOTAL DISPLACEMENT	8.9 lt	8.9 lt
MAXIMUM POWER	380 PS (280 kW) @ 2100 rpm	380 PS (280 kW) @ 2100 rpm
MAXIMUM TORQUE	1700 Nm @ 1300-1400 rpm	1700 Nm @ 1300-1400 rpm
FUEL INJECTION		
MAKE/MODEL	CUMMINS CCR (Common Rail)	
FUEL TANK CAPACITY	V230 lt	
CLUTCH		
TYPE	Single dry disc, air assisted, hydraulic	
DRIVEN PLATE DIAMETER	430 mm (17")	
GEAR BOX		
MAKE/MODEL	ZF 16 S 1820 TO	
NUMBER OF GEARS	16 forward, 2 reverse synchromesh	
AXLES		
FRONT AXLE TYPE, CAPACITY	"I" section, forged steel, 8000 kg	
2ND AXLE TYPE, CAPACITY	"I" section, forged steel, 8000 kg	
REAR AXLE		
MAKE/MODEL	BMC 300TC / 300C	
NUMBER OF SPEEDS	Hub reduction	
AXLE RATIO	5.10 : 1	
CAPACITY	26000 kg	
STEERING SYSTEM		
STEERING BOX MAKE/MODEL	HEMA (ZF) 8098	
TYPE	Integral type, hydraulic	
BRAKE SYSTEM		
	Full air service brake, air actuated spring parking brake, ABS/ASR, Jacobs Brake	
SUSPENSION		
FRONT AXLE	Parabolic leaf spring	
2ND AXLE	Parabolic leaf spring + shock absorbers	
REAR AXLE	Hendrickson HN402 Rubber susp. + shock absorbers	
ANTI-ROLL BAR	Front	
CHASSIS		
PROFILE TYPE	"C" section steel profile	
TYRES	315 / 80 R 22.5, 12+1	
RIMS	9.00 x 22.5, 10 Wheel nuts	
ELECTRICAL SYSTEM		
VOLTAGE	24 V, negative (-) ground	
BATTERIES	2 x 12V, 150 Ah	
ALTERNATOR	70 A	
STARTER MOTOR	24 V	



DIMENSIONS (mm)

A: Wheelbase	5050
B: Overall length	8030
C: Overall width	2500
D: Overall height	3050
E: Bumper to back of cab	2040
F: Back of cab to end of frame	6695
G: Rear overhang	895
G1: Chassis rear overhang	800
H: Front track	2070
J: Rear track	1838
K: Frame height on front axle	1080
K1: Frame height on rear axle	1145
M: Useful chassis length	6225
N: Frame width-front	975
N1: Frame width-rear	800
O: Front overhang	1535

WEIGHTS (kg)

Kerb weight	9300
Kerb weight, front axle	5950
Kerb weight, rear axle	3350
Payload (including body)	22700
Max. permissible total weight, front	14000
Max. permissible total weight, rear	19000
Gross vehicle weight	32000
Design capacity	40000

PERFORMANCE

Gradeability, tan α (at GVW)	>35 (%)
Max. geared speed (km/h)	95

ADDITIONAL INFORMATION

AdBlue tank capacity	35 lt
Cable Shift System	

GENERAL MANAGEMENT & FACTORY: Kemalpaşa Caddesi No: 32 35060 Izmir-TURKEY **Tel:** (+90 232) 477 18 00 **Fax:** (+90 232) 477 18 77
 477 18 78-477 18 79 **Web Site:** www.bmc.com.tr **EXPORT SALES:** Kemalpaşa Caddesi No: 32 35060 Izmir-TURKEY **Tel:** (+90 232) 477 18 00 (PBX)
Fax: (+90 232) 477 18 33 **E-Mail:** exportsales@bmc.com.tr **UK OFFICE:** Havenfields, Aylesbury Road, Great Missenden Bucks HP 16 9 LS ENGLAND
Tel: (+44) 1494-89 08 88 **Fax:** (+44) 1494-89 08 84 **E-Mail:** bmc.uk@btinternet.com

The manufacturer reserves the right to modify design and specifications without prior notice.