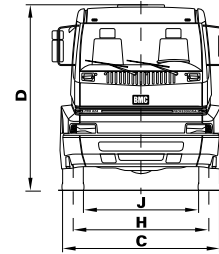
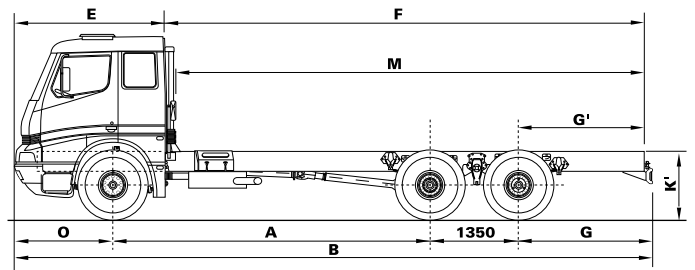


PROFESSIONAL 624

CAB TYPE	Sleeper cab, high roof, twin bunk
CHASSIS FRAME USAGE	Haulage (YHT)
REAR AXLE SUSPENSION SYSTEM	Equalizer arm
AXLE CONFIGURATION	6 x 2
ENGINE	
MAKE/MODEL	CUMMINS B 235 20 (Euro 2)
TYPE	Turbo intercooler, diesel
NUMBER OF CYLINDERS	6
TOTAL DISPLACEMENT	5,880 lt
MAXIMUM POWER	235 PS (172 kW)@2500 rpm
MAXIMUM TORQUE	800 Nm@1500 rpm
FUEL SYSTEM	
FUEL INJECTION PUMP MAKE	BOSCH
MODEL	In line type
FUEL TANK CAPACITY	300 lt
CLUTCH	
TYPE	Helical springs, single dry disc, servo assisted, hydraulic
DRIVEN PLATE DIAMETER	350 mm (14 inch)
GEAR BOX	
MAKE/MODEL	ZF 9S-75
NUMBER OF GEARS	9 forward, 1 reverse synchromesh
FRONT AXLE	"I" section, forged steel, 7000 kg capacity
REAR AXLE	
MAKE/TYPE	MERITOR RS 186
NUMBER OF SPEEDS	Single speed
AXLE RATIO	4.89:1
CAPACITY	11500 kg
TRAILING AXLE TYPE, CAPACITY	"C" section steel profile, 9000 kg
STEERING BOX	
MAKE/MODEL	HEMA (ZF)/8098
TYPE	Servocom, integral, hydraulic
BRAKE SYSTEM	
	Full air service brake, air actuated spring parking brake, exhaust brake
SUSPENSION	
FRONT AXLE	Semi-elliptic leaf spring+shock absorbers
REAR AXLE	Semi-elliptic leaf spring+shock absorbers
ANTI-ROLL BAR	Front and rear
CHASSIS FRAME	"C" section steel profile
TYRES	315/80 R 22.5, 10 + 1 items (option: 12 R 22.5)
RIMS	9.00 x 22.5, 10 studs
ELECTRICAL SYSTEM	
VOLTAGE	24 V, negative (-) ground
BATTERIES	2 x 12 V, 150 Ah
ALTERNATOR	24 V, 55 A
STARTER MOTOR	24 V, 3.5 kW



DIMENSIONS (mm)

A : Wheelbase	4850
B : Overall length	9733
C : Overall width	2500
D : Overall height	3050
E : Bumper to back of cab	2335
F : Back of cab to end of frame	7295
G : Rear overhang	2028
G' : Chassis rear overhang	1925
H : Front track	2079
J : Rear track	1838
K' : Frame height on rear axle	1070
M : Useful chassis length	7100
N' : Frame width-rear	800
O : Front overhang	1505

WEIGHTS (kg)

Kerb weight, total	7170
Capacity (including body)	17830
Maximum permissible total weight, front	7000
Maximum permissible total weight, rear	18000 (10500 + 7500)
Gross vehicle weight	25000

PERFORMANCE

Gradeability (at GVW) (%)	36.7
Maximum geared speed (kph)	98.9

JANUARY 23, 2004 / 63YD131884

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



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