

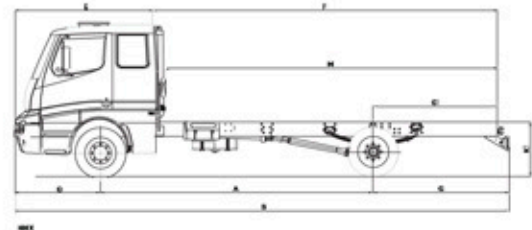
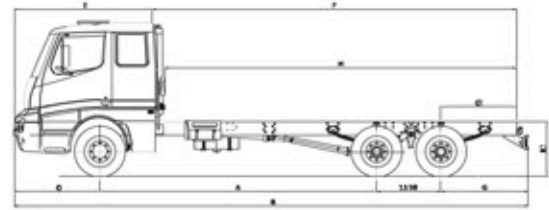
# PROFESSIONAL

# 522



# PROFESSIONAL 522 HHX (4X2) - HHT (6X2)

<b>CAB TYPE</b>	Sleeper Cab
<b>CHASSIS FRAME USAGE</b>	Haulage
<b>WHEEL CONFIGURATION</b>	4x2/ 6x2
<b>ENGINE</b>	
MAKE/MODEL	CUMMINS B 215 20 (Euro 2)
TYPE	Turbo intercooler, diesel
NUMBER OF CYLINDERS	6
TOTAL DISPLACEMENT	5,9 lt
MAXIMUM POWER	215 PS (158 kW) @ 2500 d/d
MAXIMUM TORQUE	700 Nm @ 1500 d/d
<b>FUEL INJECTION</b>	
MAKE / MODEL	BOSCH/inline type
FUEL TANK CAPACITY	150 lt
<b>CLUTCH</b>	
TYPE	Helical springs, single dry disc, air assisted
DRIVEN PLATE DIAMETER	350 mm (14 inch)
<b>GEAR BOX</b>	
MAKE/MODEL	4x2: ZF 6S 850 OVD, 6 forward, 1 reverse, synchromesh 6x2: EATON FSO-6109A, 9 forward, 1 reverse, synchromesh
<b>FRONT AXLE</b>	"I" section, forged steel, 5800 kg capacity
<b>TRAILING AXLE</b>	"II" section, forged steel, 5800 kg capacity (6x2)
<b>REAR AXLE</b>	
MAKE/TYPE	EATON DANA 11.28
NUMBER OF SPEEDS	Single speed
AXLE RATIO	4.33:1 (4x2), 4.63:1 (6x2)
CAPACITY	10900 kg
<b>STEERING SYSTEM</b>	
STEERING BOX MAKE / MODEL	ZF 8043
TYPE	Integral type, hydraulic
<b>BRAKE SYSTEM</b>	Full air service brake, air actuated spring park brake, exhaust brake, ABS / ASR
<b>SUSPENSION</b>	
FRONT AXLE	Parabolic leaf spring+shock absorbers
REAR AXLE	(4x2) Parabolic leaf spring + shock absorbers (6x2) Semi-elliptic leaf spring + shock absorbers
ANTI-ROLL BAR	Front and Rear
<b>CHASSIS</b>	
PROFILE TYPE	"C" section steel profile
REINFORCEMENT TYPE	"C" section steel profile inner flitch (6x2 only)
<b>TYRES</b>	285/70 R 19.5, 6+1 (4x2) 285/70 R 19.5, 10+1 (6x2)
<b>RIMS</b>	7.5 x 19.5, 8 studs
<b>ELECTRICAL SYSTEM</b>	
VOLTAGE	24 V, negative (-) ground
BATTERIES	2 x 12 V, 90 Ah
ALTERNATOR	24 V, 55 A
STARTER MOTOR	24 V, 3.5 kW



DIMENSIONS (mm)	4X2	6X2
A: Wheelbase	4650	4450
B: Overall length	8054	8834
C: Overall width	2325	2325
D: Overall height	2665	2665
E: Bumper to back of cab	2335	2335
F: Back of cab to end of frame	5634	6414
G: Rear overhang	1835	1665
G1: Chassis rear overhang	1750	1580
H: Front track	2000	2000
J: Rear track	1830	1830
K: Frame height on front axle	900	868
K1: Frame height on rear axle	940	980
M: Useful chassis length	5400	6180
N: Frame width-front	860	860
N1: Frame width-rear	860	860
O: Front overhang	1569	1569

WEIGHTS (kg)	4X2	6X2
Kerb weight	4990	5740
Kerb weight, front axle	3390	3200
Kerb weight, rear axle	1600	2540
Payload (including body)	11010	15260
Max. permissible total weight, front	5500	5500
Max. permissible total weight, rear	10500	15500
Gross vehicle weight	16000	21000
Gross combination weight	21000	27000

PERFORMANCE	4X2	6X2
Gradeability (at GVW) (%)	26	30
Max.geared speed (km/h)	118	116

**ADDITIONAL INFORMATION**  
Tag axle lifting system (for 6x2 version)

**GENERAL MANAGEMENT & FACTORY:** Kemalpaşa Caddesi No: 32 35060 İzmir-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 İzmir-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.

