



MANDATOR MARK III

GOODS CHASSIS

R.H. or L.H. CONTROL

8 ft. 0 in. OVERALL WIDTH

SPECIFICATION

ENGINE A.E.C. 9.6 litre, 6 cylinder, direct injection oil engine 120 mm. (4.72 in.) bore \times 142 mm. (5.59 in.) stroke, 125 b.h.p. at 1,800 r.p.m. Alternative: A.E.C. 11.3 litre, 6 cylinder direct injection oil engine 130 mm. (5.12 in.) bore \times 142 mm. (5.59 in.) stroke, 150 b.h.p. at 1,800 r.p.m. The 11.3 litre engine is not suitable for use with the 7.9:1 ratio rear axle.

CLUTCH Heavy duty single dry plate type 15½ in. in diameter.

GEARBOX Five speed constant mesh type, five forward speeds and one reverse. Ratios: 1st speed, 6.60:1; 2nd speed, 4.34:1; 3rd speed, 2.64:1; 4th speed, 1.57:1; 5th speed, 1:1; reverse, 6.60:1.

PROPELLER SHAFTS Tubular construction with Hardy Spicer needle roller bearing universal joints.

REAR AXLE Double reduction spiral bevel and double helical. Fully floating axle shafts, hubs mounted on taper roller bearings. Standard ratio: 7:1. Alternative ratios: 6.25:1 or 7.9:1.

FRONT AXLE Alloy steel "I" section forging. Hubs mounted on taper roller bearings.

STEERING Worm and nut type. Ratio: 6 turns (approximately) from lock to lock.

SUSPENSION Semi-elliptic leaf springs. Dimensions: 3½ in. wide fronts 48½ in. long rear 54 in. long.

BRAKES Foot: compressed air operated with individual air cylinders to all wheels. Hand: progressive ratchet type to rear wheels only. Linings ¾ in. thick by 3½ in. wide front and 6½ in. wide rear; 15½ in. diameter drums, lining area 602 sq. in. R.H. control chassis are equipped with "Neato" trailer brake gear and air pressure couplings for connecting to the trailer brakes.

RADIATOR Cast aluminium top and bottom tanks bolted to a tube block of "Smit" high efficiency tubes.

FRAME ¾ in. thick alloy steel channel section, maximum depth 12 in. with 3½ in. wide flanges. A heavy front bumper is fitted.

WHEELS AND TYRES Standard 10-00-20, 12 ply rating single front and twin rear tyres. Alternative 10-00-20 14 ply rating, 11-00-20 or 11-00-22, 12 or 14 ply rating tyres.

FUEL SUPPLY 40 Imperial gallon capacity except for 9' 6" wheelbase chassis which has 36 Imperial gallon capacity tank.

TOWING ATTACHMENT Helical spring type.

ELECTRICAL EQUIPMENT 24-volt, compensated voltage control, lighting and starting. The

equipment includes head, side, tail and stop lights and electric horn, 288 watts output 5 in. diameter dynamo. Lead acid batteries of 102/108 ampere hour capacity. All controls are housed in a conveniently mounted compact unit.

ADDITIONAL EQUIPMENT (at extra cost) A high speed (with or without reverse) or low speed power take-off, also a larger capacity compressor (for additional air-operated equipment) are available. Power-assisted steering and an exhaust brake are also available. A 6th speed overdrive attachment can be fitted.

PRINCIPAL DIMENSIONS

Wheelbase	Overall Width	Overall Length	Body Space	Frame Height Rear (Metres)	Turning Circle
9' 6"	8' 0"	15' 9"	10' 3"	3' 7"	38' 0"
12' 1"	8' 0"	18' 6"	12' 10"	3' 5½"	48' 0"
14' 7"	8' 0"	22' 10½"	17' 4½"	3' 6½"	55' 0"
16' 7"	8' 0"	25' 10½"	20' 4½"	3' 6½"	63' 0"

GROSS WEIGHT The maximum permissible gross weight is 14 tons. The above weight is subject to the fitment of suitable wheel and tyre equipment.

For details of tractor chassis see separate brochure.



Operated by Transport A.-G. Langnau of Switzerland, this A.E.C. "Mandator" is fitted with a Daimler body.



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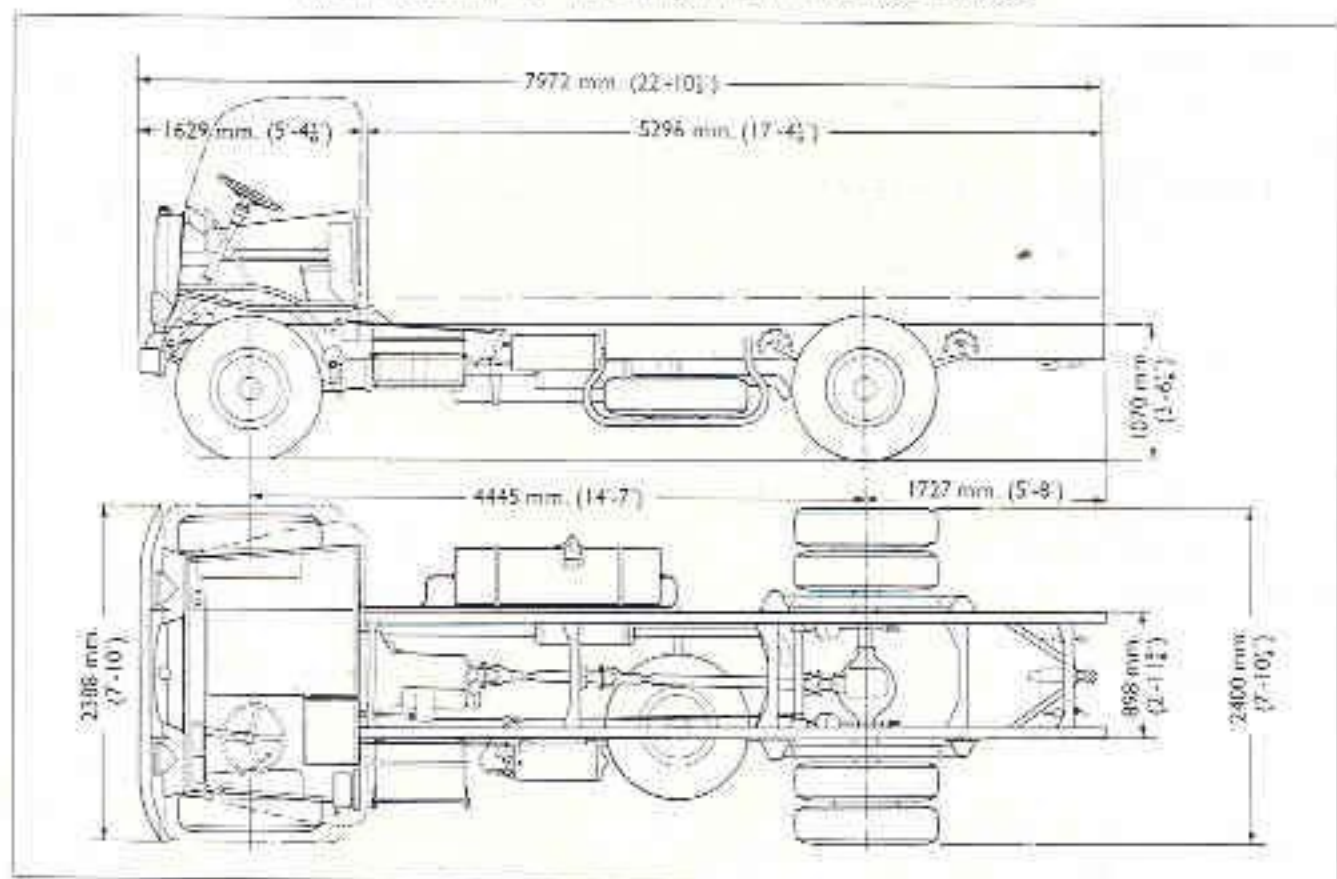


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MANDATOR MARK III GOODS CHASSIS



ARRANGEMENT OF THE 14 ft. 7 in. WHEELBASE CHASSIS



Dimensions shown are for unladen chassis fitted with 10.00-20 tyres.

Cochbuilders' drawings are available on request

A.C.V. products are sold subject to the A.C.V. Group's current Conditions of Business.

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