



# MERCURY

## MARK II

### FOUR-WHEEL GOODS CHASSIS

7 ft. 8½ in. OVERALL WIDTH

FOUR WHEELBASES

LEGAL GROSS VEHICLE WEIGHT 14 TONS

## SPECIFICATION

**ENGINE** A.F.C. 410 cu. in. (6,754 c.c.), 6-cylinder, direct-injection vertical oil engine, 105 mm (4.13 in.) bore × 130 mm (5.12 in.) stroke, developing 98 b.h.p. at 2,000 r.p.m.; maximum torque 282 lb. ft. at 1,300 r.p.m.

*Alternatively—*

A.E.C. 470 cu. in. (7,685 c.c.), 6-cylinder, direct-injection, vertical oil engine, 112 mm (4.41 in.) bore × 130 mm (5.12 in.) stroke, developing 117 b.h.p. at 2,000 r.p.m.; maximum torque 325 lb. ft. at 1,100 r.p.m.

*For full details of engines, see separate folder.*

**CLUTCH** Single dry plate type of 14 in. diameter and 387 sq. in. friction area.

**GEARBOX** 5-speed synchromesh, unit-mounted with engine; 1st and reverse speeds have sliding mesh engagement. Ratios: 1st, 6.25:1; 2nd, 4.40:1; 3rd, 3.45:1; 4th, 2.56:1; 5th, 1:1; Reverse, 6.01:1.

**PROPELLER SHAFTS** Open tubular type, with Hardy Spicer needle roller bearing universal joints. 14 ft. 6 in. and 17 ft. 3 in. web chassis have two shafts, with steady bearing and torsional vibration damper.

**FRONT AXLE** Forged "I" beam with integral spring pads; stub axle diameter 2½ in. Hubs mounted on taper roller bearings.

**REAR AXLE** Pressed and welded steel casing; fully floating axle shafts. Hubs mounted on taper roller bearings. Spiral bevel with saddle-mounted pinion. Reduction ratios: 5.87:1; 5.28:1.

**STEERING** Worm and nut steering gear, ratio, 52:1 or 5½ turns from lock to lock.

**SUSPENSION** Semi-elliptic leaf springs. Dimensions: 3½ in. wide; front, 87 in. long; rear, 54½ in. long. Double-coiling telescopic hydraulic dampers fitted at front and helper springs at rear.

**BRAKES** Foot: Vacuum-hydraulic or compressed air operated to all wheels. Hand: Mechanical to rear wheels only. Brake drum diameter 15½ in., friction area, 678 sq. in.

**FRAME** Constructed of channel section steel sidemembers and crossmembers. Maximum frame section: 10½ in. × 7 in. × ½ in.

**RADIATOR** One-piece core, consisting of vertical tubes and horizontal gill plates sweated to pressed steel top and bottom tanks and side standards.

**FUEL SUPPLY** 36 Imperial gallon capacity tank with magnetic contents gauge.

**WHEELS AND TYRES** 3-piece, pressed steel, wheel discs with 10-stud fixing. 10.00-20, 14-ply single front and twin rear tyres.

**ELECTRICAL EQUIPMENT** 24-volt, compensated voltage control, lighting and starting. Axial starter motor; 5 in. diameter dynamo, output 288 watts; 94-ampere hour lead acid batteries.

**INSTRUMENTS AND ACCESSORIES** Instrument panel containing speedometer, vacuum or air pressure gauge, oil pressure gauge, water temperature gauge, ammeter, panel illumination and dimmer switch. Horn push button on steering column arm; foot operated dip switch.

**EXTRAS** Power take-off, exhaust brake, etc. *Full details on application.*

**LOAD RATINGS** Both subject to U.K. legislation and otherwise, chassis are limited to a maximum gross vehicle weight of 14 tons.

### OVERALL CHASSIS DIMENSIONS

Wheelbase	Normal overall width	Overall length	Body space	Frame height at rear (maximum)	Turning circle
9' 6"	7' 8½"	15' 6"	10' 1"	6' 6"	43' 0"
11' 6"		18' 5"	13' 0"		49' 0"
14' 6"		22' 8"	17' 4"		60' 0"
17' 3"		26' 9"	21' 4"		70' 0"

*A tractor chassis of 8 ft. 7½ in. wheelbase is also available. See separate specification.*



A "Mercury" Mark II with drop-side body on agricultural haylage.



## A.C.V. SALES LIMITED

AN A.C.V. COMPANY

49, BERKELEY SQUARE, LONDON, W.1

Telephone: HYDe Park 2141

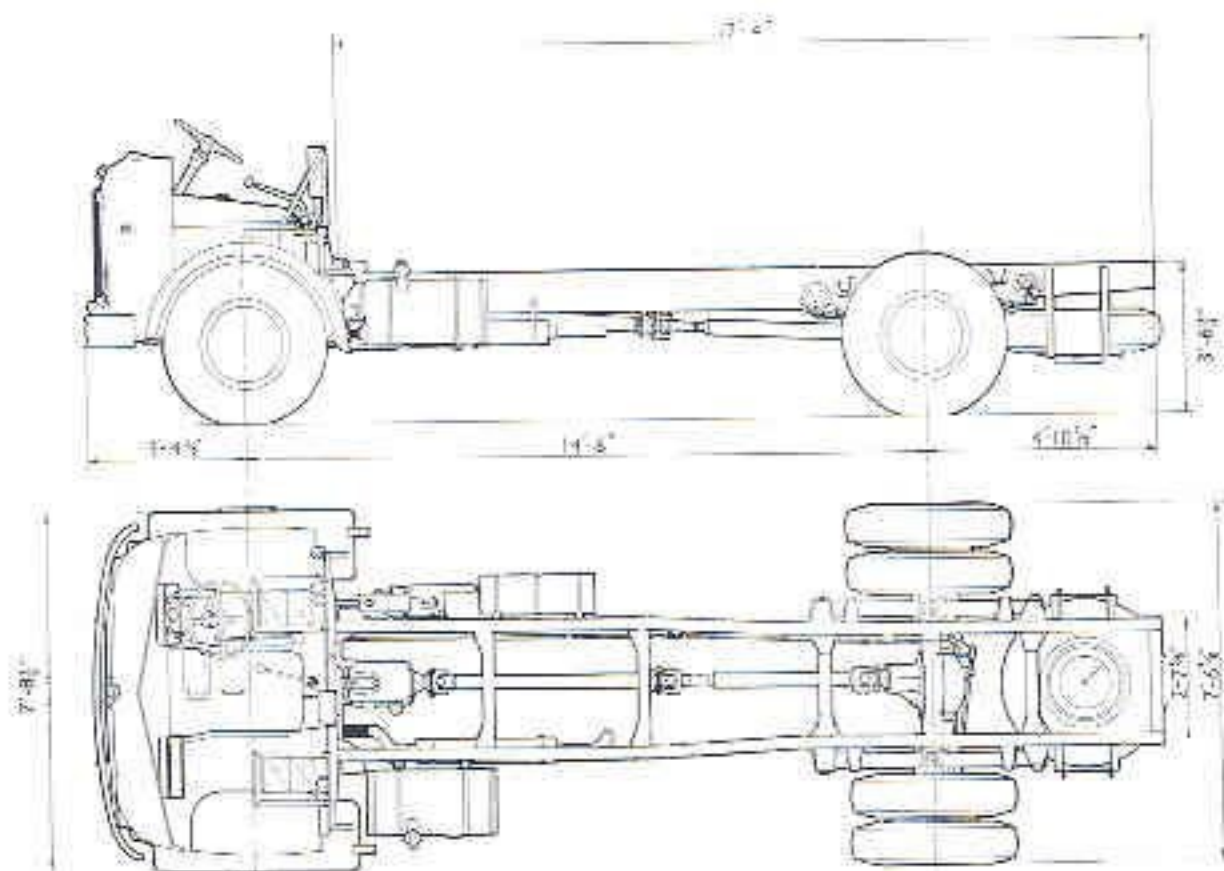
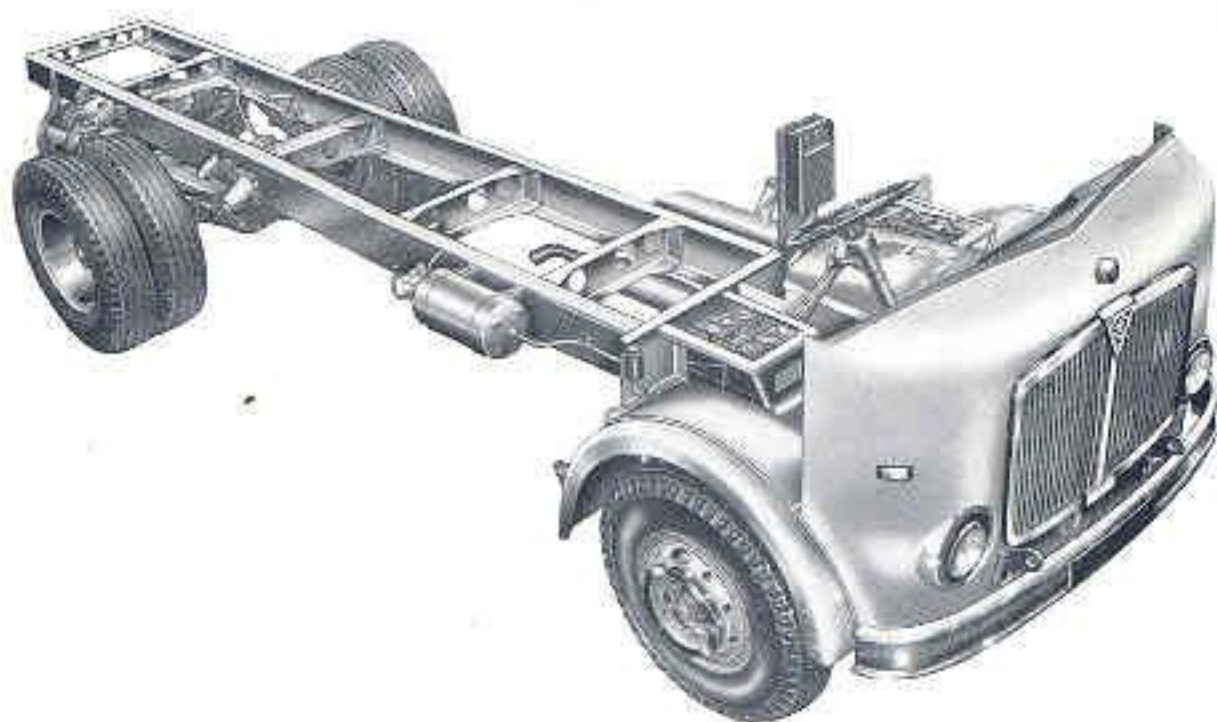
Telegrams: "ACVESAL PHONE LONDON"

# AUTOLIT



Automobile - Truck - Motorcycle 1900 to Present  
ORIGINAL Sales Brochures, Manuals, Books, Posters,  
Catalogs, and MUCH More. World's largest selection!

## MERCURY MARK II



### ARRANGEMENT OF THE 14 ft. 6 in. WHEELBASE CHASSIS

Dimensions shown are for unladen chassis fitted with 10-00—20 tyres.

*Coachbuilder's drawings are available on request*

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

**GUARANTEE.** Comprehensive guarantees are given with all A.C.V. Group products, full particulars of which are stated in their current Conditions of Business.

A.C.V.'s policy of extensive research, resulting in continuous improvement in design, makes it necessary for the Group to reserve the right to alter the information in this publication without notice.

Lit. No. 540/1.536.

Printed in England by Wm. Hodge & Co. Ltd., Ipswich, E.S.S.

# AUTOLIT



Automobile - Truck - Motorcycle 1900 to Present  
ORIGINAL Sales Brochures, Manuals, Books, Posters,  
Catalogs, and MUCH More. World's largest selection!