



# FIREFLY

400 G.P.M. FIRE ENGINE

STD/400/11/65

LAND-  
-ROVER

APPROVED BY THE ROVER COMPANY LIMITED



## GENERAL DESCRIPTION

This Firefly Land Rover fire appliance has been developed to satisfy the needs of both Industrial and Local Authority Fire Brigades where a compact small Fire Appliance is required.

The unit is based on the standard Land Rover chassis cab, built to a special Home or Export fire appliance specification and in its basic form offers:

Seating in standard crew cab for driver and two crew.

40-90 gallons (182-409 litres) of water, dependent upon the total ancillary equipment to be carried.

Rear mounted fire pump of 350-400 g.p.m. (1590-1816 litres per minute) output. First aid hose reel.

Stowage for ladder and two 10ft suction hoses on roof galleys.

Transverse locker and two side lockers for stowage of hose, etc., with additional stowing space for small equipment, extinguishers, etc., on the rear deck within the vehicle's total capacity.

# HCB-ANGUS LTD

HEAD OFFICE AND WORKS

## TOTTON · SOUTHAMPTON

Phone- TOTTON 3641 (3 lines)

Telegrams- HACABO, TOTTON



# SPECIFICATION

## STD/400/11/65

**CHASSIS.** Is the 109" WB Land Rover chassis/cab painted red to maker's standard specification but to include the following special accessories: Heavy duty towing pintle, extra driving mirror, spare wheel carrier on bonnet, rubber pads for clutch and brake pedals, extra windscreen wiper, flasher equipment, heavy duty rear springs with shock absorbers front and rear, dummy socket and flasher plug, trailer socket, plug and lead, oil cooler, centre power take-off, front and rear propeller shafts and intermediate bearing, water thermometer and oil pressure gauge, and, for export specification *only*, tropical roof and dry charged battery.

**FIRE PUMP AND CONTROL PANEL.** The basic specification incorporates a 350/400 g.p.m. (1590-1816 litres per minute) light alloy pump all as maker's leaflet. The pump is mounted at the rear and driven through the centre power take-off from the vehicle engine. The pump is fitted with a 4" round thread suction eye complete with blank cap and chain and two screw-down delivery valves complete with 2½" female instantaneous connections and rubber blank caps. (Alternative fittings can be supplied at extra cost.) The primer is a fully automatic water ring type. The control panel surrounding the pump is fitted with:

- (a) Engine throttle control.
- (b) 4" pressure gauge.
- (c) 4" compound (pressure and vacuum) gauge.
- (d) Panel light and switch for night use.
- (e) Main water valve.
- (f) Water tank contents gauge plastic tube type.

**WATER TANK.** Manufactured in mild steel of all-welded construction, hot dip galvanised inside and out after manufacture and mounted direct on to chassis frame. The tank is fitted with a large filler, overflow and a 2" feed to the pump.

**FIRST AID HOSE REEL.** A single HCB patent high pressure hose reel is bolted to the rear body frame over the pump with a ¾" bore feed controlled by a shut-off valve. The reel is complete with 180ft. of ¾" bore first aid hose in three 60ft lengths, with suitable couplings and terminating in a first aid branch.

**BODY WORK.** The rear body is a separate jig-built unit using an all-welded steel frame structure bolted to the chassis frame. Panelling is in light alloy sheet with decking, pump panelling, interior of lockers, steps, etc., in light alloy chequer plate.

Locker doors framed and panelled in light alloy for strength and lightness and fitted with chromium-plated external hinges and recessed door handle units. A polished alloy or chromium-plated safety rail is fitted along the rear side valences.

Inserted into the top of the body above the water tank is a removable recessed tray with an aperture in the centre for access to the water tank filler. This tray is primarily intended for use as a wet hose carrier after use.

Locker accommodation for small equipment is provided by a full transverse locker immediately behind the water tank and a small locker each side, behind the rear wheels with hose stowage in the troughs formed between the pump cover and side body (up to five lengths per side). Robust tubular frames are fitted to carry the ladder gallows and suction hose troughs, equipment being secured by quick release straps.

**ELECTRICAL.** The standard vehicle electrical system and battery is provided. All lockers have internal lights with a panel light on the pump control panel, and if required a Bray heater with plug and socket is provided.

**FINISH.** Workmanship and materials are to a high standard. Full paint finish or "Stucco" alloy non-scratch rear body and painted cab to customers' requirements (signwriting applied at extra charge to specific requirements).

**ACCESSORIES.** In addition to the standard road lighting and driving equipment supplied with the chassis, the following form part of the basic specification:

- Chromium-plated electric siren with centre flashing light with control switch in cab.
- 180ft of ¾" bore first aid hose and branch.
- 24ft light alloy extension ladder.
- Two 10ft lengths 4" suction hose with light alloy couplings.
- One 4" light alloy suction strainer and basket.
- Two universal suction wrenches.
- One chromium-plated spotlight mounted on nearside windscreen pillar on swivel mounting.
- One quart C.T.C. extinguisher (carried on bracket on front mudguard).

### APPROX. SHIPPING SPECIFICATION

Weight and dimensions overall:

- Length 15ft. (4 metres 58 cms.)
- Height 6ft 3ins. (1 metre 91 cms.)
- Width 5ft 8ins. (1 metre 73 cms.)

Gross Weight 2 tons 2 cwt. (2132 kilograms.)

*"The Rover Company Limited is not responsible for the manufacture of approved equipment and/or bodywork, although they have closely examined the specification and design. Matters concerning Sales (including Shipping, Delivery, etc.) Service or Warranty Claims are the responsibility of the manufacturer (whose name and address is given on this leaflet) or his agent. In cases of difficulty concerning approved equipment, the Special Projects Section of the Land-Rover Engineering Department is available to offer advice".*

**Land Rover extras required nil.**

**This conversion is supplied complete. Any further information should be obtained from the manufacturer who reserves the right to alter this specification without prior notice.**