



FIREFLY

HARD-TOP FIRE ENGINE

STD/DEL/11/65

LAND-
ROVER

APPROVED BY THE ROVER COMPANY LIMITED



GENERAL DESCRIPTION

This Land Rover fire appliance has been developed as a completely enclosed unit. Being based on the standard Land Rover 'hard top' vehicle enables us to offer a first class practical fire engine at the lowest possible cost, and in its basic form offers:

Seating in cab for driver and passenger (with additional seat either side at the rear of the body if required).

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

An amidships mounted 350-400 g.p.m. (1590-1816 litres per minute) fire pump or a high pressure fog pump.

One first aid hose reel.

Stowage for a ladder and 2 x 10ft. suction hoses on the roof.

A large locker each side for hose, with additional stowage space inside the rear body for small equipment.

HCB-ANGUS LTD

HEAD OFFICE AND WORKS

TOTTON · SOUTHAMPTON

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SPECIFICATION

STD/DEL/11/65

CHASSIS. The basis of the unit is the 109" LWB Land Rover fitted with standard 'hard top' painted fire engine red to maker's standard specification but to include the following special accessories: Station wagon rear door, 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 and lead, oil cooler, centre power take-off, 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 as maker's leaflet.

The pump is mounted amidships and driven through the centre power take-off from the vehicle engine.

It is specially manifolded and fitted with a 4" round thread suction eye, blank cap and chain, and 2 screw down delivery valves complete with 2½" female instantaneous connections (alternative fittings can be supplied at extra cost), and rubber blank caps. The primer is a fully automatic water ring type. The control panel recessed into the nearside of the body 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 on the chassis frame. The tank is fitted with a large filler and overflow, and a 2" feed to the pump.

FIRST AID HOSE REEL. A single HCB patent high pressure hose reel is bolted to a frame over the water tank with a ¾" bore feed controlled by a lever type valve. The reel is complete with 180ft of ¾" bore first aid hose in 3 x 60ft lengths with suitable couplings and terminating in a first aid branch. The hose pays out through an aperture fitted with roller guides above the rear door with the branch clipped to rear panel.

BODYWORK. The rear body is the standard 'hard top' which is modified by fitting two large locker boxes, one each side, enclosed by hinged locker doors framed and panelled in light alloy, and fitted with chrome plated external hinges and recessed handle lock. A useful locker box is fitted either side, in line with the wheelarches. Standard single seats can be fitted if required, one either side at the rear. Small equipment can be stowed around the inside of the rear body

sides as required.

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 light units and a light is provided 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 is to customer's requirements. (Sign-writing 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.

2 x 10ft lengths of 4" suction hose with light alloy couplings.

1 x 4" light alloy suction strainer and basket.

2 universal suction wrenches.

1 chromium plated spotlight mounted on nearside windscreen pillar on swivel mounting.

1 quart C.T.C. extinguisher (carried on bracket on front mudguard).

ALTERNATIVE PUMP. A similar unit is available fitted with the Hathaway High Pressure Pump. (High pressure output 25/30 g.p.m. (114-136 litres per minute) at 500 p.s.i.). The control panel provides:

Throttle Control.

Main Water Valve.

High pressure gauge.

Panel light for night use.

3" suction eye.

1-2½" quick acting valve fitted 2½" female instantaneous coupling for volume water supply giving 75 g.p.m. (340 litres per minute) at 75 p.s.i.

ACCESSORIES. Modified to include:

180ft high pressure first aid hose terminating in an Angus Fire Armour Super Trigger Fog Gun.

2 x 10ft x 3" suction hoses with light alloy couplings.

1 x 3" light alloy suction strainer and basket.

2 x 3" universal suction wrenches.

APPROX. SHIPPING SPECIFICATION

Weight and dimensions overall:

Length 15ft 3ins. (4 metres 65 cms.)

Width 5ft 4ins. (1 metre 63 cms.)

Height 6ft 9ins. (2 metres 6 cms.)

Weight 2 tons. (2030 kilograms)

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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.