



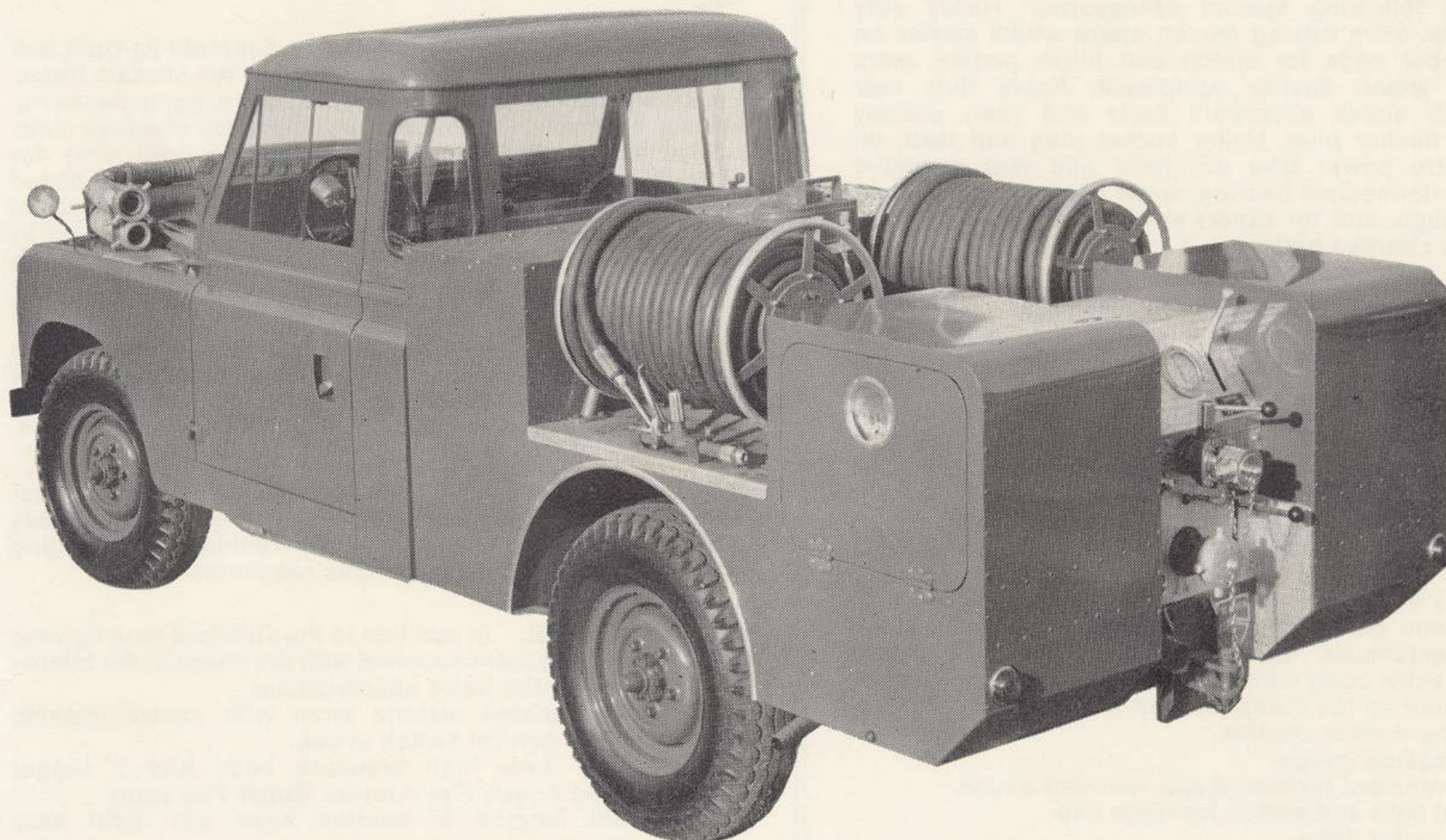
FIREFLY

HI-FOG FIRE ENGINE

STD/HP/11/65



APPROVED BY THE ROVER COMPANY LIMITED



GENERAL DESCRIPTION

This Land Rover fire engine has been developed for use as a general purpose high efficiency first aid unit giving up to 500 p.s.i. high pressure or 75 g.p.m. (340 litres per minute) at 75 p.s.i. volume output.

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

Seating in the standard crew cab for driver and two crew.

80 gall. (363 litres) water tank.

Rear mounted (Hathaway) high pressure fog pump.

Two high pressure first aid hose reels, each with 180ft high pressure hose and trigger operated Angus Fire Armour Super Fog Gun.

Stowage for two 10ft lengths of 3" suction on bonnet.

Two rear lockers for hose or small equipment.

HCB-ANGUS LTD

HEAD OFFICE AND WORKS

TOTTON · SOUTHAMPTON

Phone- TOTTON 3641 (3 lines)

Telegrams- HACABO, TOTTON

SPECIFICATION

STD/HP/11/65

CHASSIS. The basis of this unit is the Land Rover Regular with truck rear body 109" wheelbase chassis painted fire engine 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. A high efficiency high pressure pump mounted at the rear is incorporated which will give 12-15 g.p.m. (54-68 litres per minute) at 500 p.s.i. from 1 super fog gun or 24-30 g.p.m. (109-136 litres per minute) at 400 p.s.i. from 2 super fog guns and 75 g.p.m. (340 litres per minute) at 75 p.s.i. volume output from the single 2½" delivery valve. This low pressure output is sufficient to sustain a ½" jet nozzle or Fognozl at full working pressure when operating from static water. The primer incorporated is fully automatic and is described in the pump leaflet.

The pump is fitted with a 3" suction eye and blank cap and chain, and one quick acting 2½" delivery valve with a 2½" female instantaneous fitting (alternative fittings can be supplied at extra cost) with rubber blank cap. 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. (Capacity 80 imperial galls.-364 litres). Manufactured in mild steel of all welded construction, hot dip galvanised inside and out after manufacture and mounted direct on to the chassis frame. The tank is fitted with a large filler and overflow with a 1½" feed to the pump.

FIRST AID HOSE REELS. Two HCB patent high pressure hose reels are bolted to the rear body amidships with a ¾" feed line controlled by a lever type valve. Each reel is complete with 180ft of high pressure hose in

3 x 60ft lengths, with high pressure couplings and terminating in an Angus Fire Armour Super Fog Gun with trigger on/off control and twist grip control for jet or fog.

BODYWORK. The rear body is a separate jig-built unit using an all welded steel frame 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 are framed and panelled in light alloy for strength and lightness, and are fitted with chromium plated external hinges and recessed door handle units. Special cradles for two 10ft lengths of 3" suction hose secured by quick release straps, are provided round the front of the engine bonnet and spare wheel.

ELECTRICAL. The standard vehicle electrical system and battery is provided. All lockers have internal light units with a panel light on the pump control panel and if required, a Bray engine 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 customer's 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.
- 360ft of ¾" bore high pressure hose and 2 trigger operated Angus Fire Armour Super Fog Guns.
- Two 10ft lengths 3" suction hose with light alloy couplings.
- One 3" light alloy suction strainer and basket.
- 1 chromium plated spotlight on nearside windscreen pillar on swivel mounting.
- 1 quart C.T.C. extinguisher (carried on bracket on front mudguard).

APPROX. SHIPPING SPECIFICATION

Weight and dimensions overall:
Length 15ft 6ins. (4 metres 73 cms.)
Height 6ft 8ins. (2 metres 4 cms.)
Width 5ft. 10ins. (1 metre 78 cms.)
Weight 2 tons 1 cwt. (2081 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.