



# THE REDWING LAND-ROVER FIRE APPLIANCE TYPE FT/5

As approved by  
The ROVER CO. LTD.



## REDWING FT/5

109" LONG LAND-ROVER

In road condition,  
shutters closed

*Appliance specially equipped to customer's requirements*

Appliance with shutters down showing ease of access to internally stowed equipment. Accommodation for crew of five on both these models; three in the driving compartment, two in rear of appliance.



*Appliance specially equipped to customer's requirements*

**CARMICHAEL & SONS (Worcester) LIMITED**





# THE REDWING . . .

## LAND-ROVER FIRE APPLIANCE

### S P E C I F I C A T I O N

#### APPLIANCE

The FT/5 is the fully enclosed model in the REDWING range of fire appliances.

**BODYWORK.** All aluminium body with full length fibreglass roof. Body sides fitted with drop down shutters to allow access to equipment.

**PUMP A.** KSB 380 g.p.m., centrifugal with inbuilt water ring primer.

**PUMP B.** Coventry Climax 300 g.p.m., centrifugal with automatic water ring primer.

Both pumps are mounted in the same position, immediately behind the driving compartment.

**TANK.** 75 gallon capacity, baffled. Mounted over the pump. 6" top port filler provided. Water level indicator mounted beside pump control panel.

**CONTROL PANEL.** Positioned on nearside of appliance. Contains throttle, pressure and compound gauges, primer lever, tank control valve, oil and water temperature gauges, panel light. Panel can be fitted on the opposite side of the appliance if required.

**HOSE REEL.** Mounted above tank, containing 120' x  $\frac{3}{4}$ " hose, fitted with shut-off nozzle of approved design. Isolating valve fitted to shut-off reel from pump. 180' of hose can be supplied if required. Reel is accessible from either side.

**STOWAGE.** Two 8' lengths of 4" suction hose and a light alloy extension ladder may be carried on the roof. Up to 10 lengths of  $2\frac{1}{2}$ " delivery hose may be carried in racks in the rear of the appliance. Small lockers are positioned below the rear seats, and there is space in the rear for additional equipment.

**CREW ACCOMMODATION.** Seating for three in the driving compartment and two in the rear.

**FINISH.** Painted red, all stucco aluminium left in natural finish. All external steel fittings heavily galvanised.

**EXTRA EQUIPMENT.** Twin flashing lights are fitted to the roof as standard. Siren, bell, etc., available at extra cost. Details and prices by request.

#### SHIPPING DETAILS

LENGTH	14' 4"
WIDTH	5' 6"
HEIGHT	7' 0"
WEIGHT	3,920 lbs. approx. dependant on equipment.

#### CHASSIS

**CHASSIS.** Welded fabricated box section with box section cross members, providing great torsional and diagonal rigidity. The body is mounted on outriggers welded to side members. The springs are the semi-elliptic type, underslung, on rubber bushes all round. Shock absorbers, double-acting telescopic type. Four wheel drive is provided, automatically selected when transfer box low ratio is engaged. Drive to front axle optional with high ratio engaged; this is selected by an independent lever.

**POWER UNIT.** Four cylinders, overhead inlet and exhaust valves. Bore 90.47 mm. (3.562 in.), stroke 88.9 mm. (3.5 in.), capacity 2,286 c.c. (139.5 cu. in.). Maximum B.H.P. 77 at 4,250 r.p.m. Maximum torque 124 lb. ft. (17 mKg.) at 2,500 r.p.m. Compression ratio 7 to 1. Cylinders cast integral with crankcase. Detachable cast iron cylinder head carrying all valve gear. Forged steel 3-bearing crankshaft fully balanced and counterweighted. Copper-lead main and big-end bearings. A distributor cut-out limits the engine speed to 4,200 r.p.m.

**GEARS.** Four forward speeds and reverse. Two-speed transfer box in conjunction with main gearbox gives eight forward speeds and two reverse.

**CLUTCH.** Single dry plate, 9 in. diameter, hydraulically operated by pendant pedal.

**BRAKES.** Hydraulically operated foot brakes requiring light pressure on the pendant pedal. Two leading shoe brakes on front wheels. Mechanically actuated handbrake operates on transmission shaft to rear axle.

**TYRE SIZE.** 750 x 16.

**COOLING SYSTEM.** By pump and fan, thermostatically controlled. Capacity  $17\frac{1}{2}$  pints (9.95 litres). Pressurised.

**ADDITIONAL COOLING** is provided by an oil cooler working in conjunction with the fire pump enabling long periods of pumping to be maintained.

**ELECTRICAL SYSTEM.** Lucas 12 volt. Coil ignition.

**FUEL SYSTEM.** 10-gallon (45 litres) tank with external filler at side of body. Solex down-draught carburetter with oil bath type air cleaner and silencer and integral centrifugal pre-cleaner. Mechanical pump and sediment bowl with gauze filter.

*The information contained in this leaflet is correct at date of publication but is subject to alteration without notice*