



NEW SOUTH WALES RURAL FIRE SERVICE



CATEGORY NINE (9) ULTRA LIGHT TANKER

2 PERSON SINGLE CAB

Very Low Intensity Bush Fire Fighting, Initial Response, Support, Mop-Up and Patrol Applications

CAB CHASSIS	Series 79, Toyota Land Cruiser, 4x4 Single Cabin
RFS GROSS OPERATIONAL MASS (RFS GOM)	3430kg (98% of Manufactures GVM)
RFS MAXIMUM OPERATIONAL AXLE LOADING	Front Axle 1431kg (98% of Manufactures Maximum) Rear Axle 2500kg (As per Manufactures Maximum)
WHEEL BASE	3180mm
DIMENSIONS	Overall Length 5300mm (Nominal) Width 1800mm (Nominal) Height 2180mm (Nominal)
TURN CIRCLE	14.2 Metres (Kerb to Kerb)
CREW	2 x Persons (Driver + Passenger)
ENGINE	6 cylinder OHC diesel (Non Turbo) Capacity 4164 cc Displacement Net Power ~ 96 kW @ 3800 rpm Net Torque ~ 285 Nm @ 2200 rpm
TRANSMISSION	Gearbox ~ 5 speed manual Gear Ratios: 4.313:1, 2.330:1, 1.436:1, 1.000:1, 0.838:1 Reverse 4.220:1 2 Speed Transfer Case: Ratios ~ High – 1.000:1 Low – 2.448:1 Differential Ratio ~ 4.111:1

MAIN PUMP	GAAM Mk 70S, Single Stage, Centrifugal Pump, Close Coupled to a Single Cylinder 6.7 kW (9HP) Honda Diesel Engine
NOMINAL PUMP DUTY	Max Closed Pump Pressure ~ 950 kPa 100 Litres/Min @ 900 kPa 200 Litres/Min @ 825 kPa 300 Litres/Min @ 725 kPa 400 Litres/Min @ 625 kPa 500 Litres/Min @ 475 kPa 600 Litres/Min @ 350 kPa 700 Litres/Min @ 250 kPa
SUCTION SYSTEM	50mm Internal (from units own water tank) x 38mm External (from dam, river, pool etc), Ball Valve Controlled Suction Inlets
DELIVERY SYSTEM	1 x 38mm, ball valve controlled outlet (for canvas hose) 2 x 25mm, ball valve controlled outlets (1 x 25mm, for canvas hose & 1 x 19mm, for PVC hose reel hose) 1 x 25mm ball valve controlled outlet (for water tank refilling) 1 x 20mm, ball valve controlled outlet (for safety spray system) 1 x 15mm, ball valve controlled outlet (for Foam On/Off & Pump By-Pass)
HOSE REEL	1 x 30 metre, Galvanised Steel Live Hose Reel, c/w with 30M x 19mm ID PVC Hose & Rotary Head Nozzle, c/w Nozzle Clamp
SUCTION HOSE	3 x 2 metre lengths of 38mm ID, <i>Storz</i> Coupled, Wire Reinforced Rubber Suction Hose
SUCTION HOSE STOWAGE	Under Platform Tray, accessed via rear of tanker
PRIMING	GAAM Series 500 Mechanical Hand Primer
AUX PUMP	Ultra Light Weight, Single Stage Centrifugal Pump, Close Coupled to a 4/Stroke, Unleaded Fuel Type, Single Cylinder Petrol Engine
WATER TANK	Nominal Water Tank Capacity 600 Litres Water Tank Material ~ Aluminium
FOAM SYSTEM	"Quenchmaster" Round the Pump Foam Induction Proportioner System
FIRE BODY	Modular Design, Steel Tray Frame with Aluminium Chequer Plate Floor
LOCKERS	2 x Aluminium Equipment Storage Lockers, c/w Swing Double Opening Doors
PROTECTION	Crew Protection Safety Spray System
HOLDERS/BRACKETS	2 x 10 Litre Fuel Containers (Jerry Cans), 1 x Knapsack, 1 x 20 Litre Foam Concentrate Container, 1 x Rake-Hoe, 1 x Drip Torch, 1 x Brush Hook, 1 x Axe, 1 x Stand Pipe, 1 x 9Kg Fire Extinguisher