



NSW RURAL FIRE SERVICE



CATEGORY 1

HEAVY TANKER-ISUZU CHASSIS VILLAGE + MULTI PURPOSE DUAL CAB

June 2015

Fact sheet 1



CAB CHASSIS: 4x4 Crew Cab Isuzu FTS 800
GVM: 13700 kg.
DIMENSIONS: Length 7800 mm, Width 2400 mm, Height 3100 + Aerials
WHEEL BASE: 4250mm
CREW: Crew Cab - 6, Single Cab - 3
AXLE LOADINGS: (Maximum)
 Front Axle:- 4700 kg
 Rear Axle:- 9000 kg
ENGINE: 6 cylinder OHC turbo diesel 7790cc Displacement
Nett Power: 174 kW @ 2400 rpm
Nett Torque: 706 Nm @ 1450 rpm
TRANSMISSION: Gearbox: manual 6 speed overdrive, Constant mesh, synchromesh
 2nd-6th.
 Ratio 6.72, 4.24, 2.58, 1.54, 1.00, 0.76 to 1. Reverse 6.82:1.
Transfer Case 2 speed. Ratios: High - 1.000:1, Low - 1.91:1
 Full time 4WD, central diff lock.
 Rear Axle No-Spin differential
MAIN PUMP: RFS Class 4, two stage centrifugal pump
Village: coupled to three cylinder diesel engine (36 kW)
 Closed pump pressure: 1500 kPa
 1450 litres/min @ 100 kPa
 1000 litres/min @ 700 kPa
 900 litres/min @ 1000 kPa
 All above figures are nominal
Multi Purpose: RFS Class 3, three stage centrifugal pump
 coupled to two cylinder diesel engine (24kW)
 Closed pump pressure: 1500 kPa
 1100 litres/min @ 100 kPa
 700 litres/min @ 700 kPa
 600 litres/min @ 1000 kPa
 All above figures are nominal
PRIMER: Electric rotary vane primer.
AUX. PUMP: RFS Class 7, single stage centrifugal pump
 coupled to single cylinder petrol engine.
WATER TANK: 3500 litre Galvanised steel tank
FOAM SYSTEM: Foam induction proportioner with 40 litre foam
 concentrate storage.
BODY: Galvanised high tensile steel tray frame with aluminium
 treadplate floor. Modular aluminium lockers village - 5 lockers, multi
 purpose - 4 lockers. Grasslands spraybar and dual pump controls in
 work area. Two live hoses, 20 mm x 60 m hose. Storage for can-
 vas hose, branches, knapsacks, rakehoes, drip torches, extinguishers
 and standpipes. BA brackets optional on village tanker.
EQUIPMENT BOX: 2
CREW: Ring sprays on cab sprays on pump + each wheel. Radiant heat
PROTECTION: shields inside windows.
MIN. LIC. CLASS: MR



For further information regarding this document, please contact the NSW RFS Engineering
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