

Military 7,000 Litre Capacity Unit Support Tanker



A 7,000 litre product tank mounted on a MAN Medium Mobility HX58 or Improved Medium Mobility SX44 chassis. These vehicles are constructed to European ADR and International Maritime Dangerous Goods regulations. They are equipped with 2 x hose reels discharging to the rear of the vehicle, bulk off-loading capability and are compatible with civilian fuel depot operations. Off road operations can be undertaken with these vehicles.

Features

Dimensions

Height: 3,311mm (Guide rail stowed)
Width: 2,550mm
Length: 9,160mm

Operating Temp Range

-35C to +49C (Operating)
-46C to +49C (Survivable)

Flowrate

Fuelling

1,000 LPM Bulk Off Loading (Metered)
900 LPM Off Loading (Un-Metered)
250 LPM through each Reel Hose (Metered)
25 LPM Can Filling Hoses (Metered)

Bottom loading

1,000 LPM, self loading from outside source (Tankers, Bag Tanks etc).

Fuel Pump

Alfons Haar Vane Pump (Hydraulically driven)

Filtration

Loading 1000 micron strainer, Pump 3000 micron strainer.

Meters

Satam PD type with Rate of Flow gauge.

Hoses

Hoses to EN1361

Reel Hose Main Hose Can Filling

Ø38mm x 15m long
Ø16mm x 5m long

Fuel Nozzles

OPW 38mm Trigger Nozzle

Military 20,000 Litre Capacity Aircraft Refueller

Refueller Tank

7,000L constructed in stainless steel with 3% expansion allowance
One external Ø500mm manhole/lids with pressure vacuum vents with tilt safety valve and flame traps on vent valves
Internal Ø610mm access manholes
Calibrated dipstick
Valenced tank top to protect the handrails and manlids in the event of a roll over
Constructed to ADR Type T2 (1.5 bar) rating.

Safety Systems

Front access ladder, manually actuated folding safety rail and non-slip walkway
Overfill prevention system
Fire extinguisher – 2 x 9kg BC dry powder fitting inside enclosed container
Bonding reel – manual rewind with 20m of low temperature insulated copper cable

Interlocks

Brake interlock system to prevent vehicle being driven away during fuelling operations

Pipework

Stainless steel in grade 304

Hosereels

Single pedestal mounted hosereels with double race ball bearing intervals and hydraulic rewind

