

**4,000 LPM HYDRANT DISPENSER**  
**Right-Hand or Left-Hand Drive**



**INTRODUCTION**

- Designed and built to suit specific operational requirements. Compact and ergonomic layout ensures ease of use and maximum flexibility for operation.
- Choice of configuration with platform mounted forwards or centrally.
- The control station and platform access are on the driver's side of the vehicle.
- Choice of chassis make, Engine and Transmission.
- Optional START – STOP Technology.

Typical Vehicle Dimensions: Length 7.6m, Height 2.65m, Width 3.1m

Standards: JIG latest issue, EN 12312-5, NFPA 407, ADR (where applicable)

**PERFORMANCE**

- Single Ø50mm reel hose Underwing Nozzle– up to 1000 litres per minute
- Twin Deck Hoses – up to 4,000 lpm

**REFUELLING**

Hydraulically operated heavy-duty platform with lift to 4.5m. Suitable for range of aircraft including A380 and B777-900 series.

Stainless steel cage

Hydraulic pantograph to support refuelling hoses.

Intake hose carried by choice of over-centre lifters or hydraulic lifting rail.

Optional pit coupling lifting device.

Intake extension booms and arrangements to accommodate up to 18.5m of intake hose.

Main pipework constructed in Schedule 10 – 304 grade stainless steel.

Manual and automatic de-pressurisation valves.

Small bore pipework in stainless steel with screwed compression fittings.

One transversely mounted single volute hose reel with Ø50mm hose and underwing hose end pressure control nozzle.

Intake coupler is stowed on the driver's side of the vehicle in a hydraulically operated stowage.

Fuel pressure sensing signaled by adjustable Venturis in the fuel delivery lines.

#### **FILTRATION**

Filter Water Separator compliant with the latest edition of EI 1581. Fitted with water slug detection, visi-flow indicator, thermal pressure relief valve.

#### **Options**

Barrier or Dirt Defence filtration  
Sensor technology such as AFGUARD  
DP shut-down systems

#### **METERING**

Bulk Flow meter with Mechanical or choice of electronic registers.

#### **FUEL SAMPLING**

A 4 litre capacity closed circuit fuel sampler with chemical water detector.  
Product Recovery Tank with automated or manual empty system via the Filter vessel.

#### **CONTROL STATION**

Located on the driver's side of the vehicle.  
All valves, instruments and controls are ergonomically located for ease of use and operation.

#### **FAILSAFE BRAKE INTERLOCK SYSTEM**

- Failsafe system with electrical proximity switches.
- Option of Pneumatic system.
- Monitor system to show the status of individual interlocks.
- Interlock override facility and warning lamps

#### **HYDRAULIC SYSTEM**

A hydraulic pump is driven from the chassis gearbox mounted power take-off and powers the vehicle stabilisers, elevating platform, PRT evacuation system and the hose reel rewind system.

#### **ELECTRICAL SYSTEM**

The chassis electrical system complies with the European ADR requirements for the Carriage of Class 3 (FL) Flammable Liquids including fitment of a battery isolating switch operable from the driver's seat.

#### **FINISH**

Painted grey chassis with truck cab and tank in white. Or in Customer colour scheme and livery.



#### **PLEASE NOTE.**

**THIS IS A GENERAL DATA SHEET.**

**ALL HYDRANT DISPENSERS CAN BE DESIGNED AND BUILT TO SUIT THE OPERATOR'S SPECIFIC REQUIREMENTS.**

**IF YOU NEED SOMETHING DIFFERENT, PLEASE DON'T HESITATE TO CONTACT US.**

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