

## **TOWABLE HYDRANT CART**



### **INTRODUCTION**

The Hydrant Dispenser is of robust construction and is intended to be towed or manoeuvred over short distances at slow speed by a standard pickup type of vehicle. Ideally suited for operation in remote location, a proven design which is easy to operate and simple to maintain.

Typical Vehicle Dimensions: Length 3m, Height 2.5m, Width 2.6m

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

### **PERFORMANCE**

- Single Ø50mm reel hose Underwing Nozzle– up to 1000 litres per minute
- Single Ø38mm reel hose Overwing Nozzle– up to 200 litres per minute

### **REFUELLING**

Fitted with a 12 V battery powered electrical system to operate the Deadman and DP shut down systems.

In-Line Pressure control Deadman (air over fuel. Fuel is sensed from an adjustable venturi located upstream of the underwing hose reel. Air reference via a regulator and deadman system.

Deadman control with a 90 second timer system.

Intake hose is 5m long and stowed around the cart.

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

Small bore pipework in stainless steel with screwed compression fittings.

Two transversely mounted hose reels with mechanical rewind mechanism.

One with Ø50mm hose and underwing hose end pressure control nozzle.

One with Ø38mm bore hose and overwing nozzle.

**FILTRATION**

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

**METERING**

Bulk Flow meter with Mechanical register.

**FUEL SAMPLING**

A 4 litre capacity closed circuit fuel sampler with chemical water detector.

Product Recovery Tank with manual empty system

**CONTROL STATION**

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

**BRAKE INTERLOCK SYSTEM**

Operating on the towing arm of the trailer. Prevents the trailer from connecting to the towing vehicle unless all interlocked components are correctly stowed.

**PNEUMATIC SYSTEM**

The deadman / pressure control and interlock systems are pneumatically controlled.

2 x receivers which are charged from an external source provide sufficient capacity to power the pneumatic systems and provide a back-up supply.

**ELECTRICAL SYSTEM**

The battery is located in a suitable enclosure and an isolator switch fitted. An Anderson type plug and mating socket are provided for charging.

**FINISH**

Painted white

**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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