

HYDRANT DISPENSER FOR NARROW BODY A/C



INTRODUCTION

- Designed and built to refuel narrow body aircraft.
- The simple and robust design means that this type of vehicle offers:-
 - **Reduced manufacturing cost.**
 - **Reduced operating costs**
 - **Reduced maintenance costs.**

Ultra-compact and ergonomic layout ensures ease of use and maximum flexibility for operation.

- Twin height fixed platforms for maximum operational flexibility.
- 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 6m, Height 2.65m, Width 2.5m

PERFORMANCE

- Single Ø50mm reel hose Underwing Nozzle– up to 800 litres per minute

REFUELLING

Twin fixed height refuelling platforms with stainless steel hand rails are accessed via safety gates and offer fueling from either:-
1400mm or 1650mm above ground level.

The intake hose is Ø 3" approximately 9.5m in length and supported by over-centre lifters.

Optional lifting device for the pit coupling.

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.

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.

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

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.
- Interlock override facility and warning lamps

HYDRAULIC SYSTEM

A hydraulic pump is driven from the chassis gearbox mounted power take-off and powers the pit coupling stowage device and the PRT evacuation 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.**

WWW.FSLUK.COM

+44 1993 776564

sales@fsluk.com