Meteor MKII hydrant dispenser with operational flexibility to refuel the largest commercial aircraft or the smallest regional jets. Flowrates up to 3,800 LPM through the twin deck hoses, with a platform reach of 4.6m facilitating refuelling of the Boeing 777-9. Alternatively, a flowrate of up to 1,000 LPM is possible through the single hosereel. Deck hose pantograph and intake hose hydraulic lift are fitted as standard. The Meteor MKII hydrant dispenser conforms to latest European Standards BSEN12312-5, EI1583 7th edition, ISO1825 and JIG1 requirements.

Can be produced in left-hand or right-hand drive variants.

Operating Temperature of -20°C to +50°C

### Features

**Dimensions**
- Height: 2.60m +/- 50mm (excluding beacon)
- Width: 2.85m (3.00m over hose trolley wheels)
- Length: 7.90m

**Flow Rate**
- 3,800 LPM through 2 x deck hoses
- 1,000 LPM through 1 x reel hose

**Filtration**
Filter water separator vessel meeting the latest requirements of IP1581 and applicable water probe

**Meter**
Satam triple capsule positive displacement meter with EMR⁴ Electronic Display.

**Hoses**
- Aviation hoses meeting BS EN ISO 1825 type ‘C’

**Intake Hose**
Ø100mm x 11.5m long and fitted onto a Stainless Steel circular lifting rail

**Reel Hose**
Ø50mm x 20m long

**Deck Hoses**
2-off Ø63mm x 3.5m long

**Elevating platform**
Hydraulically powered scissor mechanism platform with floor to ground height range from 1.5m to 4.6m. Platform equipped with raise/lower control and emergency lower control valve.

**Intake Coupler**
Ø100mm API coupler incorporating secondary pressure control sensed from either of the fully compensating adjustable venturi.

**Hose End Equipment Controller**
Hose end pressure control (HEPC) couplings equipped with 45psi regulator, vacuum breaker, 100mesh screen.

**Safety Equipment**
Fire extinguisher – 2 x 9kg BC dry powder fitting inside enclosed Container, 3kg fitted in the vehicles cab, spill kit and sample stowage’s.

2 x Bonding reels – manual rewind with 30m of clear PVC insulated copper cable

ATEX approved electrical barrier system.
Lanyard reel – manual rewind with 20m of red PVC coated stainless steel cable and hook.

**Interlocks**

Fueltronic™ II refuelling management system incorporating deadman timer and Interlock Monitoring System.

Brake interlock system preventing the vehicle from being moved if any item is left unstowed. Items protected are:
- Power take off engaged
- Stabiliser legs not fully raised
- Pit coupling not stowed
- Elevating platform not lowered
- Deck hose support pantograph not lowered
- Deck hoses not stowed
- Reel hose not stowed
- Bonding reels (x2) not stowed

**Pipework**

Constructed in grade 304L 10s seamed Stainless Steel tubing throughout. All bends are of the smooth radius type. All joints flanged. Small bore pipework and fittings constructed from Stainless Steel.

**Hosereel**

Single pedestal mounted hosereel with double race ball bearings and hydraulic rewind

**Dumptank**

100L capacity fully draining tank with visual contents window and low, high and high/high float switch system for automatic emptying and emergency cut off in the event of overfilling. Equipped with a 3.3 litre nominal capacity Visual Check Fuel Sampling (VCFS) assembly and pneumatically operated water detection system.

**Options**

**Intake Coupler & HEPC**

Choice of Carter, Cla-val or Meggitt.

**Pit Buddy – CLAD Device**

Pit coupling lifter, pneumatically assisted allowing break away of 3rd edition coupling meeting API 1584

**Extended Boom**

Retractable solid pipework extension giving an additional 2.5m length of intake hose. Optional Intake coupling marker lights.

**Chassis**

Dispenser module can be mounted on a range of manufacturers 7.5 Tonne GVW 4 x 2 chassis configurations.

**Filtration**

Filter water monitor vessel constructed in carbon steel with epoxy coat lining meeting the latest requirements of IP1583 and is fitted with high differential pressure shutdown system.

**Engine off**

Meteor Eco™ engine off Low Emissions Refuelling Capabilities (Euro 5 or 6 chassis only)

**Fueltronic™ MKII**

Fueltronic™ MKII vehicle control system, package options are available in Bronze, Silver & Gold.

**Easilift**

Manual Easilift in lieu of lifting rail

**VCFS**

Enclosure for around the VCFS and thermometer / hydrometer support

**Ladder Stowage**

Ladder Stowage at the rear or on the non-operating side

**Meter**

Other manufacturers available upon request