

HYDRANT DISPENSER



INFILTEK

Turn-Key Hydrant Dispenser: Simplifying Fueling Solutions

The hydrant servicer is a dependable and efficient fueling solution engineered for diverse operational needs. Combining advanced technology with durable construction, it offers customizable features to ensure compatibility with specific requirements.

Key Specifications

Chassis:

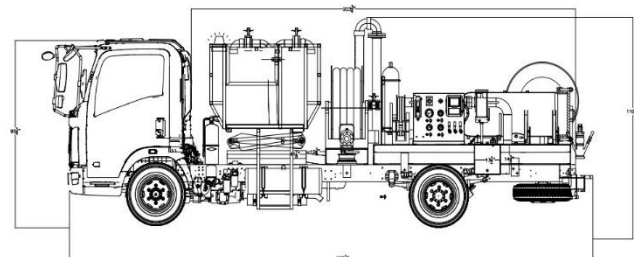
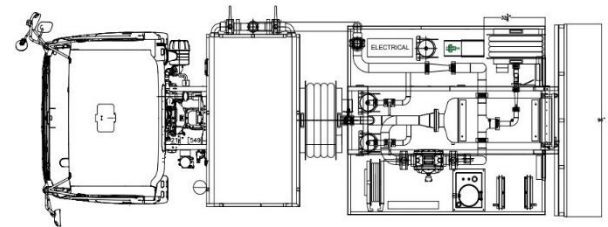
- Low-profile design for superior maneuverability and ease of operation.

Filtration:

- Compliant with EI 1581 and EI 1596 standards.
- Supports flow rates up to 1,000 GPM.
- Available in multiple sizes and configurations, meeting IATA, JIG, ATA, CSA, and NFPA standards.

Meter & Register:

- TCS 3000 digital register for precise flow measurement with $\pm 0.02\%$ accuracy.



**AVAILABLE ON A VARIETY OF
TRUCK PLATFORMS, WE ALSO
OFFER TOW CARTS.**



INFILTEK

385 Watline Avenue
Mississauga Ontario Canada
L4Z 1P3

www.infiltek.com
+1 (905) 568 1817
info@infiltek.com



Key Specifications

Hose Reels & Hoses:

- Electric or hydraulic-driven reels with fuel hoses up to 50 feet in length.

Hydrant Coupler:

- Air, fuel, and digitally operated 4-inch models.
- EI 1584 (4th Edition) compliant for reliable performance.

Control Systems:

- PLC integrated with chassis safety controls for seamless operation.

Pipework:

- Corrosion-resistant steel or aluminum pipes with flange unions for durability.

Lighting

- Work lights for night operations and high-impact beacons for visibility.

Hydraulic Lift:

- Hydraulic raised fueling scissor lift platform with a reach of 4.2 metres to accommodate all aircraft types (including A380), two underwing platform-deck plus single or dual rear hose-reels.

Testing & Documentation:

- Complete flow and pressure testing.
- Detailed operational manuals provided for ease of use.

Marking & Signage:

- Compliant with ASTM D1542 standards for aviation fuel identification and distribution systems.

Customization:

- Standard white finish

Emergency Systems:

- Emergency stop buttons on the platform, control panel, and vehicle side.

Safety Features:

- **Advanced Controls:** Wing-sensing wands, Deadman controls, bonding reels, and interlocks.
- **Fire Safety:** Hydro accumulator and dual extinguishers mounted on both sides.
- **Pressure Management:** Primary and secondary controls in the hydrant coupler, pit valve, and hose-end for consistent regulation.
- **Flow Optimization:** Precision venturi systems for efficient flow control.
- **Monitoring:** Real-time differential pressure monitoring.
- **Interlocks & Overrides:** Immobilisation System, electric Deadman handles, emergency interlocks, and shutdown buttons.

