

# Isometrics, Inc.

## 5000 Gallon | Aircraft Refueler



### SPECIFICATIONS

#### **Tank**

DOT 406 aluminum tank with 5000-gallon capacity.

#### **Filter/Separator**

Two-stage F/S classified as EI 1581, Category M, Type S.

#### **Relaxation Chamber**

The 150-gallon capacity relaxation comes standard with the option to remove it.

#### **Pump**

3" centrifugal pump rated at 300 GPM. Driven by hot shift PTO.

#### **Meter**

300 GPM flow meter with optional temperature compensation.

#### **Control Panel**

Includes flow gauges, throttle control, fuel sampling fittings, and selector valves.

#### **Underwing Pumping System**

Configured with a 2" x 50' hose per EI 1529 and a D-1 single point nozzle with dry break coupler, strainer, and hose end regulator.

#### **Cab/Chassis**

Conventional cab and chassis with diesel engine and automatic transmission.

#### **Maximum Dimensions**

Width: 98"; Tank Width: 98"  
Length: 420"; Height: 120"

#### **Overspill Protection**

Bottom loading system utilizes an internal valve and jet-level sensor overfill control. Optional Scully "Go Anywhere" electronic overfill control system available upon request.

#### **Pressure Relief Provisions**

Flow control valves.

#### **Overwing Pumping System**

Configured with a 1½" x 50' hose per EI 1529 and an overwing nozzle with dry break coupler, swivel, and strainer.

#### **Safety Features**

Includes brake interlocks for pumping operation, nozzle removal, and bottom loading with an interlock override in the cab.

#### **Compliance**

Meets the specifications of NFPA 407 and  
USN document EC 0756-01.