

5,000 Gallon 20,000 Liter Jet Refueler

Flow Rates up to
600 GPM / 2400 LPM



Some features shown may be optional.

SPECIFICATIONS

TANK:

5,000 U.S. gallons (3% outage), 20,000 liter aluminum tank fully baffled, single compartment, overturn protection, 20" manhole with 10" fill opening and vent and one 20" inspection manhole.

CHASSIS:

Conventional cab-chassis, diesel engine, automatic transmission. (Detailed specifications available upon request.)

DIMENSIONS:

Length, 31', width, 102", height, 120".

REFUELING SYSTEM

PUMP: Centrifugal type, PTO driven, hot shift. 300 GPM to 600 GPM / 2400 LPM

FILTER / MONITOR: Horizontal F/M with differential pressure gauge, purge valve, pressure relief valve, air eliminator and drain valve. F/M meets IP specifications.

DEADMAN AND PRESSURE CONTROL: Air operated inline deadman/pressure control and shut-off valve provides primary pressure control. Secondary pressure control regulated by mechanical hose end control valve.

METER: One meter, with large numeral reset counter and totalizer, registers in whole U.S. gallons.

VENTURI: Sized to compensate for pressure loss.

HOSE REELS: Two reels; one single-wrap sized for 2 1/2" x 50' hose, and one sized for 1 1/4" x 50' hose, non-ferrous internals, explosion proof electric rewind motors and switches, auxiliary manual rewind. A shut off valve is installed immediately upstream of reel.

HOSE: One 2" x 50' and one 1 1/4" x 50' aviation fueling hose with N/R male couplings, certified to API 1529.

OVERWING NOZZLE: Jet overwing nozzle with swivel and 100 mesh strainer.

UNDERWING NOZZLE: One international standard 3-lug underwing nozzle with quick disconnect and swivel.

BOTTOM LOADING: Includes a jet level sensor control system for automatic, high-level shut-off with precheck. The bottom loading adapter, capable of accepting a standard underwing nozzle, is installed on the drivers side. A gauge and shut-off valve shall be supplied immediately down stream of bottom load adapter for re-circulation and testing.

DEFUEL: Air operated fuel/defuel system operates in conjunction with bottom loading system to include overflow protection.

PIPING: Aluminum – 150 PSI rated working pressure.

TEST: Flow tested with fuel for performance to rated specifications.

FINISH: Cab painted factory white. Aluminum tank in natural polished finish. Equipment painted silver.

SAFETY FEATURES: Static reel with 50' cable and bonding clamp, brake interlock system, emergency shut-down system and two fire extinguishers.

COMPLIANCE: Meets all applicable NFPA 407 & 385 codes. Design complies with ATA-103 requirements.

OPTIONS: A complete list of options is available on request, including electronic flow meters with data collection, additional hose reels and meters, additive injection, and other items.

**MORE BUILT-IN
STANDARD FEATURES
FOR MORE BOTTOM-LINE
VALUE!**

COMPARE

A.S.M.E. 'U' and 'R' Certified Facility.

Advantages flow with

GARSITE

Aviation Refueling Equipment

539 South 10th Street
Kansas City, Kansas 66105-1201
913.342.5600 / 913.342.0638 Fax / 800.467.5600 / www.garsite.com

Specifications subject to change without notice.
Bulletin # 5M600SC 05-05