

3,000 Gallon 11,500 Liter Jet Refueler

Flow Rates up to
300 GPM / 1150 LPM



Some features shown may be optional.

SPECIFICATIONS

TANK:

3,000 U.S. gallons (3% outage), 11,500 liter aluminum tank fully baffled, single compartment, overturn protection, 20" manhole with 10" fill opening and vent.

CHASSIS:

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

DIMENSIONS:

Length, 26', width, 96", height, 114".

REFUELING SYSTEM

PUMP: Centrifugal type, PTO driven, hot shift.
300 GPM / 1150 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.

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

Advantages flow with

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Specifications subject to change without notice.
Bulletin # 3M300 05-05