



Heavy Duty Tactical Aviation Ground Refueling System (TAGRS-HD)

Mobile Refueling System

Components

Trailer

- Heavy duty single axle trailer w/standard HMMWV size tire/wheel assemblies
- Heavy duty retractable dolly jack & 2 stabilizer support legs

Pump

- Ohler Model 36 aluminum pump
- Hatz IB50 engine
- Valved unisex dry lock inlet and discharge connection points
- 250 GPM @ 30 PSI, 155 GPM @ 50 PSI and max pressure up to 70 PSI

CFTs

- Equipped with 3,000 gallons fuel bladders for a total of 6,000 gallons of collapsible storage
- CFTs meet MIL-PRF-32233C

Hoses

- 400' of 2" lay flat discharge hose in 50 foot sections
- 40' of 3" diameter rigid suction hose 5 foot sections

Fuel Filter/Separator

- FS capable of providing 240 GPM of filtered fuel
- Filter discharges are located on drivers side, intake located on passengers side

Ancillary Equipment

- 2 - D1 nozzles
- 2 - Service nozzles
- 2 - 75' grounding reels
- 3 - Ground rods
- Adapters



TAGRS-HD

TAGRS-HD is tailored and employed as a fully integrated system consisting of: a fuel pump, filter separator, heavy duty trailer, collapsible fabric tanks (CFT), flowmeters, fuel hoses, fuel hose components, underwing and overwing nozzles, and necessary grounding equipment. The TAGRS-HD is integrated on a M1102 trailer variant capable of being towed by a range of tactical vehicles. The system is further designed for internal load transport via CH-47 and provisioned for helicopter lift.

Specifications

- Width: 88"
- Length: 148"
- Height: 84"
- Weight: Approx. 4,200 lbs.



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