

Advanced Aircraft Wash System

Model 5/3000GHOTT/AWS

NSN 4940-01-558-9744

Includes UL1776, CSA and CE certifications

GSA CONTRACT: GS-07F-0217Y

GENERAL SPECIFICATIONS AND USE

This fully self-contained portable cleaning system is designed for aircraft washing flight line or ground support decontamination and cleaning. The system is dual gun operation and has a capacity of 525-gallons of water, 60-gallons of soap, with a pressure delivery system and an auxiliary soap delivery system. Desert tan is standard but a number of other colors are available.



ENGINE:

- Diesel engine, 3-cylinder tier IV final compliant water-cooled diesel engine with 6 gallon non corrosive fuel tank
- Low engine operating speed reduces noise and extends service life
- Isolation mounted base plate mounted on 3/16" plate steel
- 12 volt electric starting system with key switch
- Spiral cell battery
- High energy charging system capable provides power to the engine, battery and burner system

PUMP:

- 5-GPM, 175-PSI
- Dual gun operation, operator controlled variable pressure wands Industrial triplex ceramic plunger pump
- Oil level eye and dipstick for maintenance
- Belt drive

INSTANTANEOUS WATER HEATER:

- Modulating stabilized water heater coil rated 140 degrees
- Schedule 80 steel coil
- Horizontal fired burner housing
- 12 volt burner system (no separate generator used to power the burner)
- 440,000 BTU (maximum input at sea level). System is set to not exceed 150 degrees F
- On-demand auto ignition and flame monitor
- Forced combustion air system with fuel solenoid control valve and fuel filter with replaceable cartridge
- Temperature high limit switch
- Burner thermostat control assures constant temperatures
- 12 gallon fuel oil tank

1. Specifications are effective 2024 2. Specifications are subject to change without notice



CONTROLS:

- Control panel includes; engine start/stop, adjustable water temperature control, and hour meter
- Fully hinged lockable steel enclosure features full access for service while providing equipment security
- Cross flow air ducting into and out of locking enclosure cools components to manufactures specifications
- Pressure safety relief valve
- High-pressure rupture disk
- Pump thermal monitoring
- Unloader valve

SAFETY:

- Fully integrated design, not a unit bolted to a utility trailer
- Electric trailer brakes standard on front and rear axle
- Manual park brake, lever controller
- Flow and/or pressure switches
- Pump high-temperature thermal relief valve
- Flow or pressure actuated unloader valve
- 2 each trigger shut-off guns with variable pressure wands
- 1 trigger shut-off gun for pre-spray soap application
- Over pressure relief valve
- Safety burst disk
- Authorized by AGSE for use on the following U.S. Army aircraft; UH-60, AH-64, OH.58, CH-47

INTEGRATED TRAILER:

- Control panel for aircraft wash system (AWS) operation
- Constructed of 8" formed steel trailer frame, 3/16" steel plate
- Dual 3500 LB. axles for 7000 GVW
- Extended leaf springs for soft ride
- Lunette eye hitch, with adjustable hitch heights
- 525-gallon UV protected poly water tank integrated and mounted on formed steel frame
- Drain valves on all tanks
- 2 each 30 gallon soap tanks mounted on formed channel integrated into trailer
- 4 each hose reels. Two for high pressure hose, one for inlet hose, and one for auxiliary soap application
- Full size spare tire and wheel mounted on welded formed steel bracket
- 4 corner tie downs

SPRAY SYSTEM:

- 2 each 100' 3/8" high-pressure hoses mounted on hose reels
- 100' 5/8" rubber inlet water hose mounted on hose reel
- 100' 3/8" soap application hose mounted on hose reel
- Variable pressure control at the wand with 40 degree nozzles

DIMENSIONS

- 190" long x 89" wide x 78.5" high (ships in sea-land container)
- Tongue Weight: 586 LBS
- Axle Weight: 2190 LBS
- Total Weight: 2776 LBS

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Certified Systems Available