



# Hydroblaster

## Model 5/3000GHOTT/M

NSN 4940-01-358-4247

Includes UL1776, CSA and CE certifications

GSA CONTRACT: GS-07F-0217Y

### GENERAL SPECIFICATIONS AND USE

This is a fully self-contained portable cleaning system designed for flight line or ground support decontamination and cleaning. System has a capacity of 525 gallons of water, 60 gallons of soap, with a high-pressure delivery system and an auxiliary soap delivery system.



### ENGINE:

- Diesel engine, 3-cylinder tier IV final compliant water-cooled diesel engine with 6 gallon non corrosive fuel tank
- 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, 3000-PSI
- 4 main bearing, oil bath, hardened steel crank shaft
- Oil level eye and dipstick for maintenance
- Belt drive

### INSTANTANEOUS WATER HEATER:

- Modulating stabilized water heater coil rated 140 degrees
- Horizontal fired heating coil
- 12 volt burner system (no separate generator used to power the burner)
- 440,000 BTU (maximum input at sea level)
- 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
- Built-in 12 gallon fuel oil tank
- Schedule 80 steel coil

### 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

1. Specifications are effective 2023 2. Specifications are subject to change without notice



Certified Systems Available



- 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
- Trigger shut-off guns with variable pressure wands
- Trigger gun for pre-spray soap application
- Over pressure relief valve
- Safety burst disk

### **INTEGRATED TRAILER:**

- 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 channel integrated into trailer
- 3 each hose reels; high pressure hose, pre-spray soap application and inlet water hose
- Full size spare tire and wheel mounted on welded formed steel bracket
- 4 corner tie downs

### **SPRAY SYSTEM:**

- 100' 3/8 inch 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
- Three hose reels accessed from rear of trailer and curb side control panel
- Discharge chemical injection activated by operator at trigger gun/dual wand
- Variable pressure control at the wand with 40 degree nozzles
- Quick disconnects for instant changes between high-pressure spray nozzles
- Nozzles; 0,15,25 and 40 degree

### **DIMENSIONS**

- 190" long x 89" wide x 78.5" high (ships in sea-land container)
- Tongue Weight: 456 LBS
- Axle Weight: 2090 LBS
- Total Weight: 2546 LBS

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