

# Hydroblaster

## Model 5/3000GHOTT/MST

NSN 4940-01-358-4247

Certified to UL1776, CSA and CE

GSA CONTRACT: GS-07F-0217Y



### GENERAL SPECIFICATIONS AND USE

This is a fully self-contained steerable axle trailer mounted 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
- 12 gallon fuel oil tank
- Schedule 80 steel coil

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 steerable axle design
- 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 formed steel trailer frame, 3/16" steel plate
- 8000 LB axle rating with steerable front axle
- Extended leaf springs for soft ride
- Lunette eye hitch
- 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
- 3 each hose reels; high pressure hose, pre-spray soap application and inlet water hose
- Spare tire and wheel mounted on welded formed steel bracket
- 4 corner tie downs

**SPRAY SYSTEM:**

- 100' 3/8" high-pressure hose mounted on hose reel
- 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**

- 136" long x 73" wide x 79" high (ships in sea-land container)
- Total Weight: 2546 LBS

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Certified Systems Available