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
• Built-in 12 gallon fuel oil tank
• Schedule 80 steel coil

1. Specifications are effective 2023
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 manufacturers 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 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
• 136” long x 73” wide x 79” high (ships in sea-land container)
• Total Weight: 2546 LBS

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