



Wash - Collect - Recycle

Hydro Engineering, Inc.

865 West 2600 South  
Salt Lake City, Utah 84119  
hydroblaster.com

Hydroblaster™ - Hydropad™ - Hydrokleen™

## Hydroblaster Model 5/3000GHOTT/M

Certified to UL 1776

GSA Contract# GS-07F-0217Y

NSN 4940-01-358-4247



Hydro blue paint is standard; desert tan paint is an available option at no charge.

### 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:

- Kubota water cooled diesel engine with 8 gallon non corrosive fuel tank.
- Solid base plate mounted on 3/8" plate steel.
- 12 volt electric starting system with key switch.
- 20 AMP high energy charging system capable of providing power to the engine, battery and burner system.
- Water cooled diesel engine (Meets California emissions standards).
- Spiral cell battery included.

#### PUMP:

- 5 GPM rating.
- 3000 PSI rating.
- 4 main bearing, oil bath, hardened steel crank shaft.
- Industrial triplex ceramic plunger pump.
- Oil level eye and dipstick for maintenance
- Belt drive.
- High-pressure safety relief valve.

#### BURNER:

- Horizontal draft full stainless steel housing
- 12 volt burner system (no separate generator used to power the burner)
- 440,000 BTU; rating.
- On-demand auto ignition electronic pilot and flame monitor.
- Forced air system with fuel solenoid control valve and spin on fuel filter.
- Temperature high limit switch. Protects the operator from over temp steam explosion
- Burner controls assure constant temperatures.
- Built-in non corrosive 12 gallon fuel oil tank.
- Schedule 80 steel coil.
- Heavy gauge 100% stainless steel coil housing.

1. Specifications are effective 2016. 2. Specifications are subject to change without notice



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### **CONTROLS:**

- Complete control panel which includes engine start/stop, pressure gauge, temperature control, hour meter, soap injection control.
- A fully hinged painted enclosure features; full access for service while providing a total equipment lock up.
- Cross flow air ducting into and out of locking enclosure cools the components to manufactures specifications.

### **SAFETY:**

- Fully integrated design, not a unit with a tank bolted to a trailer.
- Electric trailer brakes standard on front and rear axle.
- Manual park brake, lever controlled.
- Flow and/or pressure switches.
- Hi-temperature by-pass valve.
- Flow or pressure actuated unloader valve.
- Trigger shut-off gun.
- Over pressure relief valve.
- Safety burst disk.

### **INTEGRATED TRAILER:**

- Constructed of 3,4 and 6 inch steel "C" channel. Highway trailer or steerable trailers are standard.
- DUAL 3500 LB. AXLES FOR 7000 GVW.
- Extended leaf springs for soft ride.
- Adjustable height lunette eye hitch.
- Full size spare tire and wheel mounted on welded channel steel bracket.
- 525 gallon UV protected poly water tank integrated and mounted on 6" channel iron frame.
- Dump valve and fittings, all plumbed to control panel.
- 2 each 30 gallon soap tanks mounted on 6" channel integrated into trailer.
- 3 each hose reels. One for high pressure hose, one for inlet hose, and one for auxiliary soap application system, all integrated into trailer.

### **SPRAY SYSTEM:**

- 100' 3/8 inch high-pressure hose mounted with quick disconnects.
- 100' 3/4" rubber inlet water hose.
- 100' 5/8" soap application hose.
- Three hose reels accessed from the rear of trailer.
- High-pressure dual barrel wand with variable pressure control.
- Discharge chemical injection activated at the wand.
- Trigger control wand with quick disconnects for instant changes between high-pressure nozzles

### **NOZZLES:**

- High-pressure stainless steel; 0, 14, 25 and 40 degree nozzles.

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