

# Hydroblaster™

## Model 5/3000GHOTT-AWS

Certified to UL 1776



### GENERAL SPECIFICATIONS AND USE

This is a fully self-contained portable cleaning system. Designed for aircraft wash and 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. The Model 5/3000GHOTT-AWS is painted desert tan.

#### ENGINE:

- Kabota 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.
- Spiral cell battery
- 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).

#### PUMP:

- 5 GPM rating.
- Dual gun operation with operator controlled variable pressure wands.
- 4 main bearing, oil bath, hardened steel crank shaft.
- Industrial triplex ceramic plunger pump.
- Oil level eye and dipstick for maintenance
- Belt drive.
- 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 set to not exceed 150 degrees F.
- 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.
- Burner controls assure constant temperatures.
- Built-in non corrosive 12 gallon fuel oil tank.
- Schedule 80 steel coil.

#### CONTROLS:

- Complete control panel which includes engine start/stop, adjustable temperature control, hour meter.
- A fully hinged stainless steel 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.
- 2 each trigger shut-off guns with variable pressure wands
- Over pressure relief valve.
- Safety burst disk.
- Authorized by AGSE for use on U.S. Army aircraft



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### **INTEGRATED TRAILER:**

- Constructed of 3, 4 and 6 inch steel "C" channel.
- DUAL 3500 LB. AXLES FOR 7000 GVW.
- Extended leaf springs for soft ride.
- 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.
- 4 each hose reels. Two for high pressure hose, one for inlet hose, and one for auxiliary soap application system, all integrated into trailer.

### **SPRAY SYSTEM:**

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

### **STORAGE AND SPARES:**

- Large storage / tool box
- Complete aircraft wash kit
- 5 gallons mil spec cleaning compound
- Nozzle spares kit
- Spare wand set
- Spare filters set
- Spare hose(s) set

