

# AquaMiser® D74-II Water Blaster

## Diesel Engine Driven 15K PSI Water Blasting with Abrasive

The Aqua Miser D74-II is a self-contained, diesel engine driven, trailer mounted, 15,000 psi water blast system requiring only a potable water supply. The ultra-high pressure pump is rated for 3.5 gpm and pressures up to 15,000 psi. The onboard rotary screw air compressor produces 50 cfm of air at 100 psi. Includes a removable pressure fed abrasive system for adding media as needed. Various abrasives can be used to meet your surface requirements, from baking soda for degreasing and delicate cleaning to harder abrasives for etching surfaces, eliminating the need for hand tools or hazardous chemicals.



Optional pressure pump conversion package may be available.  
Skid-mounted units and Water-only systems also available.

### **PUMP CONTROL:**

Trigger controlled clutch and throttle operation. The direct drive pump engages only when the gun is activated, providing for the least amount of HP pump wear. Pressure is electronically controlled as pump ramps to the programmed pressure set point. Throttle automatically returns the engine to idle when gun trigger is released.

### **PUMP:**

Ultra high pressure triplex plunger pump designed for long life in demanding industrial operating conditions. Durable high quality materials, such as hardened stainless steel, minimize wear and corrosion of critical components. Proven in-line disc valves are designed to withstand high pressures, give maximum volume, and quiet operation. Individual heads and cylinders are easily removed without the use of special tools.

### **DIESEL ENGINE/DRIVE:**

Industrial 74HP diesel with weather enclosure & access doors. Power transmitted to pump with a power operated snap over center PTO. Complete engine monitoring with pre-alarm and shut-down protections.

### **SYSTEM CONTROL PANEL:**

Touch screen operator interface provides full instrumentation for monitoring and control of system operating parameters. Incorporates a digital entry for desired HP pump pressure. Fault indicators enhance safety and dependability.

### **AIR COMPRESSOR:**

High performance 15hp rotary screw air compressor. Carbon fiber belt driven off front of engine. Includes air filter, dryer and "Micro-Fog" lubricator for guns and accessories.

### **LOW PRESSURE WATER:**

High efficiency water filtration:  
10 micron primary  
2 micron secondary  
20 gallon tank with float operated fill and low level switch.  
3/4 supply water connection.  
Chemical injection pump is standard

### **FUEL TANK:**

43 gallon diesel fuel tank.  
2 inch fill connection.  
Level sending unit.

### **ABRASIVE POT:**

Compatible with all media types  
i.e. garnet, aluminum oxide,  
bicarbonate of soda, etc.  
ASME coded.  
Weatherproof cover.  
Stainless steel strainer.

### **TRAILER:**

Over the road, heavy duty trailer  
Rubber torsion tandem axle  
DOT lighting package  
Spare tire  
Electric brakes  
Mechanical parking brake /  
Trailer break away  
Swivel leveling jacks

### **WEIGHT & DIMENSIONS:**

Wt: 5400 Lbs (empty)  
Dims: 86"H x 180"L x 84"W

### **STANDARD ACCESSORIES INCLUDED:**

Rotary Gun.  
Abrasive Injection Fan Gun.  
50 ft. combination hose assembly.  
50 ft. media hose assembly.  
Combination Foot-shin guards

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