

Aqua Miser® D115-T4 Water Blaster

Diesel Engine Driven 40K PSI Water Blasting

The Aqua Miser® D115-T4 is a trailer mounted self-contained, diesel driven, 40,000 psi water blast system requiring only a potable water supply. The onboard rotary screw air compressor produces 50 cfm of air at 100 psi. Final Tier 4 engine produces near-zero levels of particulate matter, greatly reducing harmful emissions and improving air quality.

Optional removable pressure fed abrasive system available 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.

PUMP PRESSURE / FLOW RATE OPTION:

- 40K @ 3 GPM Standard Equipment
- 25K @ 6 GPM Pump Conversion Package option available as factory installed or field installable kit.



PUMP CONTROL:

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

John Deere industrial Final Tier-4 115 HP diesel engine with weather enclosure & hinged access doors. Power transmitted to pump with a power operated snap over center PTO. Complete engine monitoring with pre-alarm and shut-down protection. Engine Control Unit (ECU) manages the engine and entire integrated emissions control system.

SYSTEM CONTROL PANEL:

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

AIR COMPRESSOR:

High performance 15HP rotary screw air compressor. Engine driven carbon fiber belt. Includes air filter/dryer, and "Micro-Fog" lubricator for guns and accessories.

LOW PRESSURE WATER:

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

FUEL TANK:

43 gallon diesel fuel tank.
2 inch fill connection.
Level sending unit.
DEF Tank with automatic dispensing system.

TRAILER:

Over the road, heavy duty trailer with rubber torsion tandem axle, DOT lighting package, spare tire, electric brakes, trailer break away, swivel leveling jacks.

WEIGHT & DIMENSIONS:

Weight: 5800 Lbs. (empty)
Dims: 86"H x 185"L x 84"W

STANDARD ACCESSORIES INCLUDED:

Rotary Gun.
50 ft. combination hose.
Combination Foot-shin guards with side shield.

Optional ABRASIVE INJECTION SYSTEM:

Compatible with all media types including garnet, aluminum oxide, bicarbonate of soda, etc. ASME pot with weather-proof cover and SS strainer.
Abrasive Injection Fan Gun.
50 ft. media hose assembly.

Skid-mounted units also available.

Manufactured by



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CESCO AquaMiser D115-T4 Spec Sheet