

Aqua Miser

Patented B.O.S.S.[®] Abrasive Injection System

The system pressure feeds any abrasive media to achieve a multitude of blasting specifications. Achieve a white metal finish, profile new steel, prepare concrete, or simply degrease and clean.

The ULTRA BOSS can use traditional abrasives for high strip rates or water soluble abrasives for low environmental impact and delicate blasting requirements.

34 CFM Air Compressor

There is no need for additional air and it can even supply air to other equipment.

Pneumatic Remote Control System

The pump and engine are only fully engaged when the trigger is pulled. This uses less fuel, causes less wear and tear, and eliminates expensive tumble boxes, dump valves and unloaders.

Triplex Plunger Water Pump

The pump provides ultra high pressure (up to 40,000 psi) while using a low volume of water (3.52 gpm). This means less operator fatigue, less water to contain and dispose, and less inlet water required (just a garden hose for feed water).

ULTRA BOSS

Model D-115

Diesel Engine Driven



The Aqua Miser **ULTRA BOSS** combines 40,000 psi water blasting and the patented B.O.S.S.[®] abrasive injection technology to achieve results never before possible.

Manufactured by

CESCO
CAROLINA EQUIPMENT
& SUPPLY CO., INC.

1-888-88MISER (1-888-886-4737)

(843) 760-3000 • Fax (843) 760-3500

<http://www.aquamiser.com>

7251 Cross County Road, North Charleston, SC 29418



The Aqua Miser ULTRA BOSS

Model D-115

Diesel Engine Driven

PUMP:

Ultra high pressure triplex plunger pump design for long life in demanding industrial operating conditions. Utilizes durable, high quality materials such as hardened stainless steel to minimize wear and corrosion of critical components.

The proven in-line disc valves are made from specialty metals to withstand the high pressures, give maximum volume, and quiet operation with a free flowing fluid. Individual heads and cylinders are easily removed without the use of any special tools.

Rated at 3.52 GPM @ 40,000 PSI.

Maximum pump RPM 500.

INDIVIDUAL GAGES:

Throttle air pressure gage and regulator.

Clutch air pressure gage and regulator.

Air receiver gage.

High pressure pump oil level indicator.

DIESEL ENGINE:

John Deere Model 4045TF150 rated at 115 hp.

2 year/2000 hour warranty.

Power transmitted to pump with an air-operated snap over center PTO.

13 CFM air compressor direct-mounted to the engine.

Enclosed in a weatherproof housing.

Water booster pump mounted in engine compartment.

The engine gage panel includes: oil pressure gage and shutdown, water temperature gage and shutdown, fuel tank level and shutdown tattletale and light, shutdown pump button and light, manual throttle adjustment knob.

SYSTEM GAGE PANEL:

System water pressure and shutdown.

Differential filter pressure and shutdown.

0 to 50,000 PSI high pressure gage.

System air pressure.

Abrasive control air pressure gage and regulator.

Abrasive pot differential pressure gage and regulator.

Abrasive pot charge switch.

Abrasive/rinse switch.

High pressure pump oil level high/low shutdown and light.



DIESEL FUEL TANK:

28 gallon tank capacity.

2 inch fill connection.

Level sending unit.

WATER TANK:

50 gallon water supply.

Float operated fill connection with GHT fitting.

30 micron high capacity fill filter.

Low water level switch for shutdown.

FILTRATION SYSTEM:

30 micron high capacity tank fill filter.

30 inch stainless steel housing loop filters.

25 micron primary.

5 micron absolute secondary.

ABRASIVE POT:

3.5 cubic foot capacity.

ASME coded.

Weatherproof cover.

Stainless steel fill strainer.

SHOCK MOUNTS:

Engine and pump sub base shock mounted to trailer.

Auxiliary air compressor shock mounted to trailer.

COOLING WATER

CATCH BASIN:

Return pump rated at 8 gpm.

Float switch to control pump.

WEIGHT &

DIMENSIONS:

5300#

H-91.5" x L-160" x W-85.5"

TRAILER:

Over the road heavy duty type.

Electric brakes.

Rubber torsion tandem axle.

7000# capacity.

Brake lights and turn signals.

Step fenders.

Removable tongue.

Pipe mount swivel jack stand.

Lifting bail.

OPTIONAL:

50 foot ultra high pressure hose rated at 40,000 wp.

Ultra high pressure rotary grit gun.

Ultra high pressure fan gun.

Ultra high pressure water only gun.

Ultra high pressure flex lance.

3, 4, or 6 tipped water only heads.

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