

Aqua Miser

(1) 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.

(2) Small Compact Modular Design

The system requires minimal floor space and allows the abrasive section to be placed away from the pump.

(3) Pneumatic Remote Control System

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

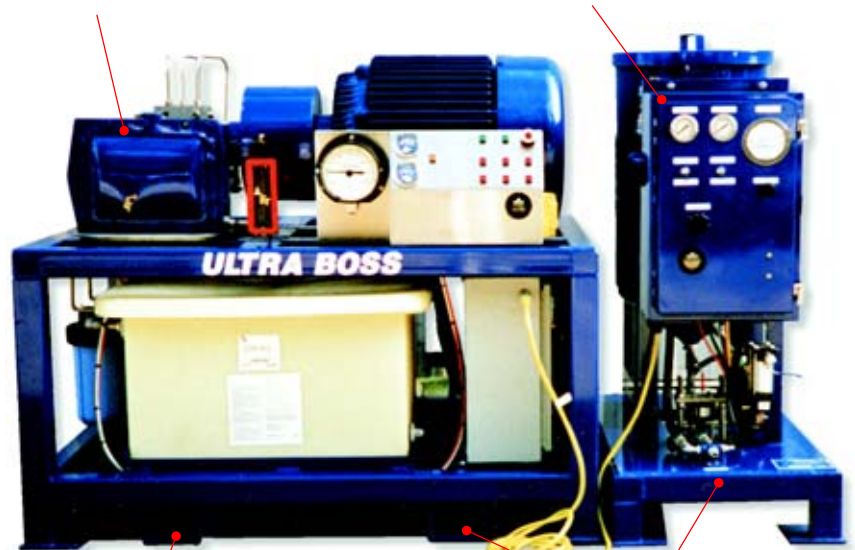
(4) Triplex Plunger Water Pump

The pump provides ultra high pressure (up to 40,000 psi) while using a low volume of water (3 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 E-75 Electric Motor Driven

(4) Low Maintenance Ultra High Pressure Pump

(1) Abrasive Injection to Enhance Strip Rates (optional)



(3) Remote Start/Stop Pump Control

(2) Small Compact Modular Design

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



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 E-75

Electric Motor Driven

PUMP:

Ultra high-pressure triplex plunger pump designed for long life in demanding industrial conditions. The pump utilizes durable, high quality materials such as hardened stainless steels to minimize wear and corrosion of critical components. The proven in-line valves are made from specialty materials to withstand the high pressures, yield maximum volume, and provide for quiet operation. Individual head and cylinder design provides for ease of maintenance and serviceability. The pump is rated at 3 GPM @ 40,000 PSI. *

ELECTRIC MOTOR:

75 horse power, severe service, high efficiency motor.
460/575 volt, 89/70 FLA, 60 hertz, 3 phase
380/415 volt, 106/96 FLA, 50 hertz, 3 phase

DRIVE:

Soft Start solid state motor starter
Energy efficient direct drive

CONTROL:

Pump and motor are actuated by a 12 VDC signal. System uses no high maintenance bypass or unloader valves. Motor starts and stops as the operator actuates the gun trigger. This design minimizes pump wear, power consumption, and water.

FILTRATION:

Primary filtration- High capacity 20 micron cartridge
Secondary filtration- High capacity 2 micron cartridge
25 micron primary.
5 micron absolute secondary.

PUMP PROTECTION FEATURES:

Low pump inlet water pressure lamp & shutdown.
Low reserve water tank level lamp & shutdown.
Dirty water filter lamp & shutdown.
Low pump crankcase oil level lamp & shutdown.
High pump crankcase oil level lamp & shutdown.
Incoming power fault lamp & shutdown.
Soft starter fault lamp & shutdown.



WEIGHT & DIMENSIONS FOR E-75M:

Weight: 2,500 LBS.
Dimensions: Height- 55" (140 cm)
Length- 67" (170 cm)
Width- 45" (114 cm)

ABRASIVE SYSTEM:

The abrasive injection system is a skid built module providing for easy attachment to the pump unit. System design permits the use of a wide variety of abrasives, including Bicarbonate of Soda, Aluminum Oxide, and Glass Bead. The abrasive system utilizes a 3.5 cubic foot ASME coded pot to pressure feed the abrasive gun at up to 300 feet horizontally or 200 feet vertically. Abrasive flow rate is controlled from 0.5-5.0 lb./min.

WEIGHT & DIMENSIONS FOR ABRASIVE SYSTEM:

Weight: 450 LBS.
Dimensions: Height- 55" (140 cm)
Length- 45" (114 cm)
Width- 25" (64 cm)

UTILITIES:

Water: 6 gpm @ 60 psi
Air: 30 cfm @ 90 psi
Electricity: refer to electric motor specs.

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CESCO
CAROLINA EQUIPMENT
& SUPPLY CO., INC.

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