

# ULTRA BOSS Model E150V

**Electric Motor Driven, Variable Speed  
Single or Multi-gun operation  
Water Blasting to 40K PSI**

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## **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 and give maximum volume with smooth fluid flow and quiet operation. Individual heads and cylinders are easily removed without the use of special tools. Crankcase is oil cooled for extended oil life. Rated at 7.15 GPM @ 40,000 PSI.

## **VARIABLE SPEED DRIVE:**

Easy to use controls allow operator to set water blast pressures for various applications - up to 40,000 psi. Blast pressure is automatically maintained by the PLC compensating for tip wear.

## **SYSTEM CONTROLS:**

The color touch screen operator interface provides full instrumentation for monitoring and control of the system. Digitally displayed gages for high-pressure, filter differential, air supply, and water level. Uses electronic transducers. Fault indicators enhance safety and dependability. Over the Internet diagnostic and update capable.

## **ELECTRIC MOTOR:**

150 horse power, severe service motor.

## **CONTROL:**

Utilizes a PLC controller for all machine operations creating a safe and highly reliable control system. Multi-Gun operation uses pneumatically operated tumble-boxes. In Single gun operation the motor starts and runs to set pressure only while the operator actuates the gun trigger, minimizing pump wear, power consumption, and water.

## **FILTRATION:**

Primary filtration –

First filter: High capacity 10 micron cartridge.

Second filter: High capacity 2 micron cartridge.

Secondary filtration –

High capacity 2 micron cartridge

## **PUMP PROTECTION FEATURES:**

Low pump inlet water pressure. Low reserve water tank level. Dirty water filter. Low pump crankcase oil level. High pump crankcase oil level. High pump oil temperature.

## **WEIGHT & DIMENSIONS:**

Weight: 4,500 LBS.

Dimensions: H-66" x L-98" x W-57"

## **UTILITIES:**

Power Supply: 250 amp, 460 volt, 60 hz, 3ph

Water: 10 gpm

Air: 60 cfm @ 90 psi (requirement varies based on accessories)

## **ACCESSORIES:**

Ultra high-pressure Rotary gun (2 ea).

High pressure hose assemblies, couplings and tumble boxes required for dual gun operation.

Combination foot-shin guards w/ side shield (2 ea).

## **OPTIONAL:**

Abrasive Media Module: 3.5 cu. ft. capacity pot, ASME coded, Stainless Steel fill strainer.

Ultra high-pressure Fan gun.

50 foot abrasive media hose.

Manufactured by



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