

Aqua Miser BOSS Model D-44

Engine Driven 15,000 PSI Water Blasting

Totally self-contained diesel driven 15Kpsi water blast unit. The only utility required is the water supply. System air compressor produces 37 SCFM air at 100 psi.

Standard model is trailer mounted and totally enclosed. Hinged doors on sides and top allow easy access to all system components. Includes pressure fed media system with a 3.5 cubic foot capacity pot.

Model options include Water Only (without the media system, Basic (minus the enclosure), and Skid Mounted (without axles, tongue and fenders).

Other configurations options may also be available.

PUMP CONTROL:

System uses no high maintenance by-pass or unloader valves; pump engages only when the gun is activated. Pressure is electronically controlled as pump ramps to the programmed pressure set point. Engine returns to idle when gun trigger is released.

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. Individual heads and cylinders are easily removed without the use of any special tools. Pump displacement 3.6 GPM. Maximum operating pressure 15,000 PSI.

DIESEL ENGINE/DRIVE:

Perkins industrial 50 hp diesel Engine with Digital Display Controller to provide complete engine monitoring with fault logging, pre-alarm and shut-down protections for temperature, oil pressure, speed, and fuel level. Power transmitted to pump with an air operated in-line gear reduction PTO. 18 gallon fuel tank capacity.

SHOCK MOUNTS:

Engine, Pump and Air Compressor sub-base shock mounted to skid base.



SYSTEM CONTROLS:

The 10" color graphic touch screen operator interface provides full instrumentation for monitoring and control of the system. Digitally displayed gages for high-pressure, filter differential, air supply, water level, and more. Utilizes electronic transducers. Fault indicators enhance safety and dependability.

FILTRATION SYSTEM:

Primary and Secondary high capacity filters.

MEDIA SYSTEM:

Pressure fed media system with micro adjustable regulatory. ASME coded 3.5 cubic foot capacity blast pot with stainless steel fill strainer.

TRAILER:

Over the road heavy duty type system with rubber torsion axle, electric brakes, brake lights and turn signals, fenders, removable tongue, and pipe mounted swivel jack stand. Lifting eye included on all models.

WEIGHT & DIMENSIONS:

Weight: 3500 Lbs (standard model)
(actual weight dependent on included features)
Dims: Skid Base footprint: 76"L x 56"W
Trailer Mounted: 66" H x 145"L x 78"W

ACCESSORIES:

Water only and/or Media blast gun.
50 foot high-pressure hose rated at 15kpsi.
Combination Foot-shin guards with side shield.

Manufactured by



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