

HSP SERIES

HOT WATER PRESSURE WASHERS



One of our most popular hot water units, the HSP Series features our patented Electro Magnetic Firing (EMF) system which eliminates the need for a 12V battery to operate the burner. The top-fired heat exchanger is designed for easy maintenance.

Gasoline - Direct Drive

- High quality fuel filter/water separator ensures clean fuel supply to the burner
- Energy efficient top-fired heat exchanger designed for convenient troubleshooting and easy maintenance
- Patented Electro Magnetic Firing (EMF) system
- Energy efficient top-fired powder coated heat exchanger designed for convenient troubleshooting and easy maintenance



HSP-2503-0MMH



HSP-3504-3MGH

Additional Features:

Pump

- Direct drive triplex AR or Mi-T-M pump with ceramic plungers
- External bypass system allows more water into the system to protect from heat buildup (2500 PSI models)
- Stainless-steel and brass unloader valve
- Forged brass manifold
- Thermal relief valve
- Low pressure detergent injection (3000 & 3500 PSI models)

Motor

- Performance-proven engine with low-oil protection

Frame

- Reinforced powder coated steel tube frame with center balanced lifting hook
- Flat free tires (2500 PSI models)
- Pneumatic tires (3000 & 3500 PSI models)

Components

- Complete system diagnostic board
- Pressure and high limit safety controls
- No. 1 or No. 2 diesel or kerosene fired burner (Bio-fuel not approved at this time)

Units Include:

- Quick connect nozzles 0°, 15°, 25°, and 40°
- 50-foot x 3/8-inch steel wire-braided pressure hose with quick connects, swivel and bend restrictors
- Professional-grade insulated trigger gun with safety lock-off
- Adjustable pressure insulated dual lance

Miscellaneous

- Temperature rise 150°F/66°C above ambient, maximum outlet temperature is 200°F

HSP Series

Model Number	PSI	GPM	Displacement/Engine	Pump	Fuel Tank Capacity	Burner Fuel Tank Capacity	Burner Fuel Consumption	BTU per hour	Dimensions (LxWxH)	Ship Wt.	Net Wt.
HSP-2503-OMMH	2500	2.6	196cc Honda OHV	external	0.97 gallon	4.0 gallon	1.53 gph	205,000	43in.x29.5in.x36.5in.	411 lb.	295 lb.
HSP-2503-OMMS	2500	2.6	211cc Subaru OHC	bypass	0.95 gallon	4.0 gallon	1.53 gph	210,000	43in.x29.5in.x36.5in.	411 lb.	295 lb.
HSP-3003-3MGH	3000	2.9	270cc Honda OHV	AR	1.59 gallon	5.5 gallon	1.84 gph	253,000	43in.x30in.x41in.	530 lb.	407 lb.
HSP-3003-3MGR	3000	2.9	265cc Subaru OHC	AR	1.59 gallon	5.5 gallon	1.84 gph	253,000	43in.x30in.x41in.	530 lb.	407 lb.
HSP-3504-3MGH	3500	3.3	389cc Honda OHV	AR	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lb.	428 lb.
HSP-3504-3MGR	3500	3.3	404cc Subaru OHC	AR	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lb.	428 lb.
HSP-3504-3MGK	3500	3.3	429cc Kohler OHV	AR	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lb.	428 lb.

OPTIONS

Part Number	Description	Fits Models
HX-0098	Electric start (battery included) - For easy starting	HSP-3504-3MGH
HX-0219	Electric start (battery included) - For easy starting	HSP-3504-3MGR
HX-0233	Adjustable thermostat - Operator is able to adjust outlet water temperature	2500-PSI models
HX-0234	Low pressure detergent injector - Allows the user to apply the recommended detergents	2500-PSI models
HX-0236	Hour meter - Displays the number of hours unit has been in operation	2500-PSI models

ACCESSORIES

Part Number	Description	FITS MODELS
20-0464A52	Rain cap - Protects boiler from moisture build-up when unit is left outside	3000 to 3500-PSI m models
50-0161	High pressure detergent injector - High pressure water mixes with detergent to clean even the heaviest build-up	2500-PSI models

POWERED by **HONDA**™

Patented EMF System

1. Engine sheave, dual set screw mount, maintains proper alignment of pump shaft key, preventing unnecessary wear of pump and engine shaft.
2. The belt tension sheave creates proper belt tension so fuel pump discharges fuel upon demand.
3. The long lasting, non-corrosive flexible drive coupler protects EMF system if fuel pump locks up.
4. Fuel pump is a durable high quality pump that will deliver No. 1 or No. 2 diesel fuel or kerosene.
5. Stator coil/magnets are a low maintenance system that provides solenoid control voltage.
6. Fan provides burner air for proper combustion and clean exhaust smoke. It has an easily accessible air flow control.
7. Ignition coil provides voltage to electrodes for proper spark voltage, allowing accurate ignition of fuel every time the trigger is pulled. The ignition coil has a long life, is easily replaced and has a proven track record in the industry.

EMF system eliminates the need for a 12V battery.

