



# HSP Series

## Hot Water Pressure Washers

Portable Gasoline — Direct Drive



HSP-3504-3MGH

*One of the most popular hot water pressure washers on the market today, the HSP Series features a unique Electro Magnetic Firing (EMF) system eliminating the need for a 12V battery to operate the burner. It's great for removing heavy mud from construction and agricultural equipment.*

#### Pump:

Preset stainless-steel and brass unloader valve | Forged brass manifold | Thermal relief valve | Low pressure detergent injector  
(Available as an option on 2503-PSI models)

#### Frame:

Reinforced powder coated steel tube frame with center balanced lift | Convenient gun/wand holder and hose wrap | 13-inch flat-free tires

#### Components:

Top-fired powder coated heat exchanger | No. 1 or No. 2 diesel or kerosene fired burner (Not approved for bio-fuel)

#### Miscellaneous:

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

#### Unit Includes:

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



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## Hot Water – Portable Gasoline – Direct Drive

MODEL NUMBER	PSI	GPM	DISPLACEMENT/ENGINE	PUMP	ENGINE FUEL TANK CAPACITY	BURNER FUEL TANK CAP.	BURNER FUEL CONS.	BTU PER HOUR	DIMENSIONS (LxWxH)	SHIP WT.	NET WT.
HSP-2503-OMMH	2500	2.6	196cc Honda GX200 OHV	Mi-T-M	0.95 gallon	4.0 gallons	1.53 gph	210,000	43x29.5x36.5in.	411 lb.	295 lb.
HSP-2503-OMMM	2500	2.6	212cc Mi-T-M OHV	Mi-T-M	0.95 gallon	4.0 gallons	1.53 gph	210,000	43x29.5x36.5in.	411 lb.	295 lb.
HSP-2503-OMMK	2500	2.6	208cc Kohler CH270 OHV	Mi-T-M	0.95 gallon	4.0 gallons	1.53 gph	210,000	43x29.5x36.5in.	411 lb.	295 lb.
HSP-3003-3MGH	3000	2.9	270cc Honda GX270 OHV	AR, external bypass	1.59 gallons	5.5 gallons	1.84 gph	253,000	43x30x41in.	530 lb.	407 lb.
HSP-3504-3MGH	3500	3.3	389cc Honda GX390 OHV	AR, external bypass	1.70 gallons	5.5 gallons	2.14 gph	294,000	43x30x41in.	551 lb.	428 lb.
HSP-3504-3MGK	3500	3.3	429cc Kohler CH440 OHV	AR, external bypass	1.70 gallons	5.5 gallons	2.14 gph	294,000	43x30x41in.	551 lb.	428 lb.

### Options:

PART NUMBER	DESCRIPTION	FITS MODELS
HX-0098	Electric start - sealed battery included	HSP-3504-3MGH
HX-0233	Adjustable thermostat	2500-PSI models
HX-0234	Low pressure detergent injector	2500-PSI models
HX-0236	Hour meter	2500-PSI models
HX-0274	Rain cap	3000 to 3500-PSI models
HX-0279	Hour meter	3000 to 3500-PSI models
HX-0280	Adjustable thermostat	3000 to 3500-PSI models
HX-0281	Hour meter / adjustable thermostat	3000 to 3500-PSI models

### Accessories:

PART NUMBER	DESCRIPTION	FITS MODELS
50-0161	High pressure detergent injector	All models
850-0433	50-ft. x 3/8-in. high pressure hose	3500-PSI models
851-0262	50-ft. x 1/2-in. high pressure hose	2500 to 3000-PSI models

### Electro Magnetic Firing (EMF) System

1. Engine sheave, dual set screw mount, maintains proper alignment of pump shaft key.
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.**

