

HSE SERIES

HOT WATER PRESSURE WASHERS



If you're looking for a hot water unit with large volume capacity, look no further. The HSE Series works great in industrial applications requiring 20 or more hours of use per week and is built for longevity. The top-fired heat exchanger is energy efficient and designed for convenient troubleshooting.

Electric - 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



HSE-2003-0MG10

Electric - Belt Drive

- Energy efficient top-fired powder coated heat exchanger designed for convenient troubleshooting and easy maintenance
- Heavy-duty dual cogged belt drive system to prevent slippage



HSE-3004-0M10

Additional Features:

Pump

- Direct or belt drive triplex General or Mi-T-M pump with ceramic plungers
- Stainless-steel and brass unloader valve
- Forged brass manifold
- Thermal relief valve
- High pressure detergent injection (available as an option on OMM11 models)

Motor

- Totally enclosed fan-cooled electric motor with manual thermal overload protection
- 35-foot power cord with in-line GFCI which meets required CSA certification (GFCI not available on 3000 and 3500-PSI models)
- Solid state electronic ignition

Frame

- Reinforced powder coated steel tube frame with center balanced lifting hook
- Powder coated steel hose reel mounting bracket (Belt drive models)
- Electric cord hanger
- Powder coated steel gun/wand holder
- Solid steel threaded axles (2500-3000 PSI models)
- Locking tire brake
- Flat free tires (1000-2000 PSI models)
- Pneumatic tires (2500-3500 PSI models)

Components

- Float tank (Not available on OMM11 models)
- Pressure and high limit safety controls
- No. 1 or No. 2 diesel or kerosene fired burner (Bio-fuel not approved at this time)
- Polyethylene burner fuel tank
- Easy coil drain helps prevent freezing in cold weather

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 with 15° fixed and detergent nozzle

Miscellaneous

- Temperature rise 150°F/66°C above ambient, maximum outlet temperature is 200°F
- Water output temperature is 190°-200°F

HSE Series

Direct Drive Models

Model Number	PSI	GPM	Horsepower/Motor	Pump	Plug Type	Burner Fuel Tank Capacity	Burner Fuel Consumption	BTU per Hour	Dimension (LxWxH)	Ship Wt.	Net Wt.
HSE-1002-0MG10	1000	2.0	1.5 HP, 120V, 1Ø, 15.0A	General	NEMA 5-15P	4.0 gallon	1.33 gph	186,000	43in.x29.5in.x36.5in.	418 lb.	295 lb.
HSE-1002-0MM11*	1000	2.0	1.5 HP, 120V, 1Ø, 15.0A	Mi-T-M	NEMA 5-15P	4.0 gallon	1.33 gph	186,000	43in.x29.5in.x36.5in.	410 lb.	237 lb.
HSE-1502-0MG10	1500	2.0	2.0 HP, 120V, 1Ø, 19.0A	General	NEMA 5-20P	4.0 gallon	1.21 gph	169,000	43in.x29.5in.x36.5in.	422 lb.	299 lb.
HSE-1502-0MM11*	1500	2.0	2.0 HP, 120V, 1Ø, 19.0A	Mi-T-M	NEMA 5-20P	4.0 gallon	1.21 gph	169,000	43in.x29.5in.x36.5in.	414 lb.	291 lb.
HSE-2003-0MG10	2000	2.8	4.0 HP, 230V, 1Ø, 18.0A	General	NEMA 6-20P	4.0 gallon	1.53 gph	214,000	43in.x29.5in.x36.5in.	439 lb.	316 lb.
HSE-2003-0MM11*	2000	2.8	4.0 HP, 230V, 1Ø, 18.0A	Mi-T-M	NEMA 6-20P	4.0 gallon	1.53 gph	214,000	43in.x29.5in.x36.5in.	431 lb.	308 lb.

Belt Drive Models

Model Number	PSI	GPM	Horsepower/Motor	Pump	Plug Type	Burner Fuel Tank Capacity	Burner Fuel Consumption	BTU per Hour	Dimension (LxWxH)	Ship Wt.	Net Wt.
HSE-2504-0M10	2500	3.2	6.0 HP, 230V, 1Ø, 25.0A	General	NEMA 6-30P	10.0 gallon	2.10 gph	294,000	49.5in.x28in.x40.5in.	699 lb.	569 lb.
HSE-2504-0M30	2500	3.2	6.0 HP, 230-460V, 3Ø, 16.0A	General	NEMA L15-20P	10.0 gallon	2.10 gph	294,000	49.5in.x28in.x40.5in.	688 lb.	558 lb.
HSE-3004-0M10	3000	3.5	8.0 HP, 230V, 1Ø, 36.0A	General	NEMA 6-50P	10.0 gallon	2.10 gph	294,000	49.5in.x28in.x40.5in.	737 lb.	607 lb.
HSE-3004-0M30	3000	3.5	8.0 HP, 230-460V, 3Ø, 24.0A	General	NEMA L15-30P	10.0 gallon	2.10 gph	294,000	49.5in.x28in.x40.5in.	732 lb.	602 lb.
HSE-3504-0M10	3500	3.3	10.0 HP, 230V, 1Ø, 39.0A	General	NEMA 6-50P	10.0 gallon	2.10 gph	294,000	49.5in.x28in.x40.5in.	761 lb.	631 lb.
HSE-3504-0M30	3500	3.3	10.0 HP, 230-460V, 3Ø, 28.0A	General	NEMA L15-30P	10.0 gallon	2.10 gph	294,000	49.5in.x28in.x40.5in.	742 lb.	612 lb.

*Model does not include float tank and high pressure detergent injection.

OPTIONS

Part Number	Description	FITS MODELS
50-0161	High pressure detergent injector - High pressure water mixes with detergent to clean even the heaviest build-up	1000 to 2000-PSI models
HX-0070	Auto start/stop - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled unit will restart	2500 to 3500-PSI models
HX-0071	Auto start/stop - steam - Auto start/stop option - when trigger gun is released, the timer will turn unit off; when trigger gun is pulled unit will restart; Steam option - reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	2500-PSI models
HX-0072	Auto start/stop - steam - See HX-0071 for option description	3000-PSI models
HX-0073	Auto start/stop - steam - See HX-0071 for option description	3500-PSI models
HX-0074	Auto start/stop - CAD cell - Auto start/stop option - when trigger gun is released, the timer will turn unit off; when trigger gun is pulled unit will restart; CAD cell - monitors burner for proper ignition	2500 to 3500-PSI models
HX-0075	Auto start/stop - steam - CAD cell - Auto start/stop option - when trigger gun is released, the timer will turn unit off; when trigger gun is pulled unit will restart; Steam option - reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F; CAD cell - monitors burner for proper ignition	2500-PSI models
HX-0076	Auto start/stop - steam - CAD cell - See HX-0075 for option description	3000-PSI models
HX-0077	Auto start/stop - steam - CAD cell - See HX-0075 for option description	3500-PSI models
HX-0085	460V - Upgrades 230V 3-phase models to operate at 460V 3-phase	HSE-2504-0M30
HX-0086	460V - Upgrades 230V 3-phase models to operate at 460V 3-phase	HSE-3004-0M30
HX-0087	460V - Upgrades 230V 3-phase models to operate at 460V 3-phase	HSE-3504-0M30
HX-0088	Skid feet - Stationary applications	2500 to 3500-PSI models
HX-0161	Hour meter - Displays number of hours unit has been in operation	2500 to 3500-PSI models
HX-0232	Steam - Reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	HSE-1002-0MG10
HX-0233	Adjustable thermostat - Operator is able to adjust outlet water temperature	1000 to 2000-PSI models
HX-0235	Hour meter - Displays number of hours unit has been in operation	1000 to 2000-PSI models
HX-0237	Auto start/stop - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled unit will restart	1000 to 1500-PSI models
HX-0238	Time delay shutdown - Timer will shut unit off automatically when trigger gun is released and timer reaches setting	1000 to 1500-PSI models
HX-0239	Steam - Reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	HSE-1002-0MM11
HX-0240	Steam - See HX-0232 for option description	HSE-2003-0MG10
HX-0241	Steam - See HX-0232 for option description	HSE-2003-0MM11
HX-0243	Auto start/stop - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled unit will restart	2000-PSI models
HX-0244	Time delay shutdown - Timer will shut unit off automatically when trigger gun is released and timer reaches setting	2000-PSI models
HX-0245	300°F steam - Steam option lower unit pressure to 350-PSI, 240°F rise above ambient with maximum temperature of 300°F	HSE-1502-0MM11
HX-0246	300°F steam - Steam option lower unit pressure to 350-PSI, 240°F rise above ambient with maximum temperature of 300°F	HSE-1502-0MG10

ACCESSORIES

Part Number	Description	FITS MODELS
50-0161	High pressure detergent injector - High pressure water mixes with detergent to clean even the heaviest build-up	HSE-1000 & 2000 models
AW-0050-0138	Bracket - Universal mount hose reel receiver	HSE-1000 & 2000 models



NEMA 5-15P,
15-amp plug



NEMA 5-20P,
20-amp plug



NEMA L15-20P,
20-amp plug



NEMA 6-20P,
20-amp plug



NEMA L15-30P,
30-amp plug



NEMA 6-30P,
30-amp plug



NEMA 6-50P,
50-amp plug

