

VEHICLE CLEANING PUMPS

Emperor Pumps

Emperor HTS, 47HT Series, Triplex plunger pump features exclusive HT technology. Specifically designed to handle the rigorous duty cycles, high temperatures and chemicals associated with self-service car wash applications. Also ideal for use in carpet cleaning and other high pressure cleaning applications.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1/2" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 12.2" x 9.2" x 6.9" 12.4" x 10" x 6.9" (with rails) Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg) Crankcase Oil Capacity: 40.6 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTS2210S	2.6/4.0	2300	950/1450	.866 in/22 mm	.394 in/10 mm	4.1/6.3	32 lbs.
HTS2212S	3.2/4.75	2300	950/1450	.866 in/22 mm	.472 in/12 mm	5/7.5	32 lbs.
HTS2215S	4.0/5.0	2300	950/1200	.866 in/22 mm	.591 in/15 mm	4.1/7.8	32 lbs.

Emperor HTX, 63HT Series, Triplex plunger pump features exclusive HT technology. Specifically designed to handle the rigorous duty cycles, high temperatures and chemicals associated with self-service car wash applications. Also ideal for use in carpet cleaning and other high pressure cleaning applications. This pump offers a compact and economical design.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1/2" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 8.4" x 8.3" x 4.8" 8.4" x 8.3" x 5.6" (with rails) Max. Inlet Vacuum: 3 ft. water (2.9 in. Hg) Crankcase Oil Capacity: 14 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTX1810S	2.7/3.1	2000	1450/1750	.709 in./18 mm	.394 in./10 mm	3.5/4.2	18 lbs.
HTX1812S	3.2/3.8	2000	1450/1750	.709 in/18 mm	.472 in/12 mm	4.3/5.2	18 lbs.
HTX1813S	3.5	2500	1450	.709 in./18 mm	.512 in/13 mm	6	18 lbs.

Emperor HTF, 66HT Series, Triplex plunger pump features exclusive HT technology. Designed for use in prep units, conveyor and multiple gun applications. Excellent for carpet cleaning and for use in industrial plant systems where hot water is required.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 3/4" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 13.27" x 9.6" x 6.23" 13.4" x 9.8" x 7.5" (with rails) Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg) Crankcase Oil Capacity: 31 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTF2018S	4.0/5.0/7.5	3600	950/1200/1750	.787 in/20 mm	.748 in/18 mm	10/12/18.5	41 lbs.
HTF2221S	8.5/10.2	3000	1450/1750	.866 in/22 mm	.826 in/21 mm	17.5/21	41 lbs.
HTF2421S	10.0/12.0	3000/2500	1450/1750	.945 in/24 mm	.826 in/21 mm	20.5	41 lbs.

Emperor HTW, 69HT Series, Triplex plunger pump features exclusive HT technology. Designed for touchless car wash systems, multiple gun systems and industrial plant systems where hot water is required.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1" - 11 BSP-F
Discharge Port Thread: 3/4" - 14 BSP-F Shaft Diameter: 1.378 in./35 mm
Pump Dimensions: 13" x 11.9" x 7.3" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 50.7 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTW3624S	18.0	1200	1000	1.417 in/36 mm	.945 in/24 mm	19.5	57 lbs.



HTS2210S



HTX1810S



HTF2018S



HTW3624S