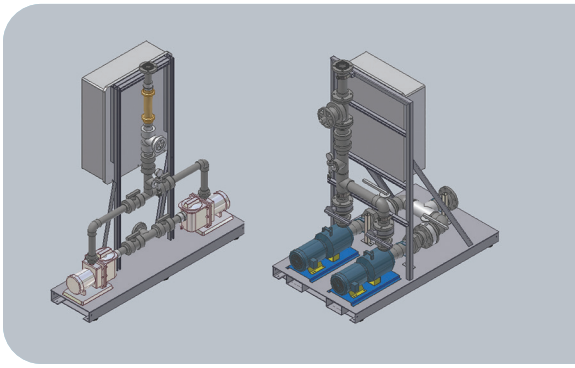
Transfer Pump Systems (PS-S and PS-D Series)



LOW PRESSURE, SIMPLEX AND DUPLEX

The Transfer Pump Systems are specifically designed to be used with an existing or new collection tank or sump tank. The pumps are sized to provide 50 feet of head at the design flow rate. The pump, valves, flow indicator, flow control valve and control panel are mounted on a corrosion resistant painted steel skid. The system can be purchased as a stand alone item or used in conjunction with other standard products. When integrating with other standard products modules, the transfer pump system simply interlocks with the other modules. Based on site conditions the interconnecting piping (if within 3 feet of the next module) is also provided with the system.

AVAILABLE STANDARD OPTIONS:

- Level control floats
- Level control upgrade to ultrasonic
- UV unit
- NEMA-4X electrical enclosure
- Flowmeter to indicate flow
- Adjustable diaphragm valve to control flow
- Isolation ball valve to service the pump
- TEFC pump motor
- Pre-piped
- Pre-wired
- Factory tested
- Integrates with other wastewater products

Header Photo: Left – PS-10 through PS-50; Right – S-75 through PS-200

TRANSFER PUMP SYSTEMS (PS-S AND PS-D SERIES)

	PUMPS								
Model Number	**PS-10-S/D**	**PS-30-S/D**	**PS-50-S/D**	**PS-75-S/D**	**PS-100-S/D**	**PS-150-S/D**	**PS-200-S/D**	**PS-250-S/D**	**PS-300-S/D**
Number of Pumps	One/Two	One/Two	One/Two	One/Two	One/Two	One/Two	One/Two	One/Two	One/Two
Manufacturer	Serfilco	Serfilco	Serfilco	Pacer	Pacer	Pacer	Pacer	Goulds	Goulds
Type	Horizontal Centrifugal								
Material of Construction	Noryl	Noryl	Noryl	Polyester	Polyester	Polyester	Polyester	Stainless Steel	Stainless Steel
Capacity	10 gpm @ 50' head 2.3 m^3/hr @ 149 kPa	30 gpm @ 50' head 6.8 m^3/hr @ 149 kPa	50 gpm @ 50' head 11.4 m^3/hr @ 149 kPa	75 gpm @ 50' head 17.0 m^3/hr @ 149 kPa	100 gpm @ 50' head 22.7 m^3/hr @ 149 kPa	150 gpm @ 50' head 34.1 m^3/hr @ 149 kPa	200 gpm @ 50' head 45.4 m^3/hr @ 149 kPa	250 gpm @ 50' head 56.8 m^3/hr @ 149 kPa	300 gpm @ 50' head 68.1 m^3/hr @ 149 kPa
Motor	1.0 HP, 460 Volts / 3-Phase / 60 Amps, TEFC	1.5 HP, 460 Volts / 3-Phase / 60 Amps, TEFC	2 HP, 460 Volts / 3-Phase / 60 Amps, TEFC	3 HP, 460 Volts / 3-Phase / 60 Amps, TEFC	3 HP, 460 Volts / 3-Phase / 60 Amps, TEFC	5 HP, 460 Volts / 3-Phase / 60 Amps, TEFC	5 HP, 460 Volts / 3-Phase / 60 Amps, TEFC	7.5 HP, 460 Volts / 3-Phase / 60 Amps, TEFC	7.5 HP, 460 Volts/ 3-Phase / 60 Amps, TEFC
	VALVES AND PIPING CONNECTIONS								
Suction	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type
Discharge	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type	One/Two PVC Ball Type
Discharge Check Valve	One PVC Check Valve	One PVC Check Valve	One PVC Check Valve	One PVC Check Valve	One PVC Check Valve	One PVC Check Valve	One PVC Check Valve	One PVC Check Valve	One PVC Check Valve
Discharge Throttle Valve	Diaphragm Type	Diaphragm Type	Diaphragm Type	Diaphragm Type	Diaphragm Type	Diaphragm Type	Diaphragm Type	Diaphragm Type	Diaphragm Type
Connection	2" 50 mm	2" 50 mm	2" 50 mm	3" 76 mm	3" 76 mm	4" 101 mm	4" 101 mm	4" 101 mm	4" 101 mm
	INSTRUMENTATION								
Pressure	One Discharge Pressure Gauge	One Discharge Pressure Gauge	One Discharge Pressure Gauge	One Discharge Pressure Gauge	One Discharge Pressure Gauge	One Discharge Pressure Gauge	One Discharge Pressure Gauge	One Discharge Pressure Gauge	One Discharge Pressure Gauge
Flowmeter	Rotometer	Rotometer	Rotometer	Paddlewheel	Paddlewheel	Paddlewheel	Paddlewheel	Paddlewheel	Paddlewheel
Level Control	Float	Float	Float	Float	Float	Float	Float	Float	Float
	Skid Requirements								
Dimensions (L x W x H)	60"x 18"x 80" 1,524 x 457 x 2,032 mm					72"x 42"x 86" 1,829 x 1,067 x 2,032 mm			
Shipping Weight	475 lbs 215 kg	475 lbs 215 kg	475 lbs 215 kg	989 lbs 449 kg	1,020 lbs 463 kg	1,080 lbs 490 kg	1,200 lbs 544 kg	1,700 lbs 771 kg	1,800 lbs 816 kg
Operating Weight	500 lbs 227 kg	500 lbs 227 kg	500 lbs 227 kg	1,014 lbs 460 kg	1,045 lbs 474 kg	1,105 lbs 474 kg	1,225 lbs 556 kg	1,725 lbs 782 kg	1,825 lbs 828 kg

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