

PUMP TRANSFER SKIDS (PTS)



Shown: 10 gpm pump transfer skid with plastic pumps, PVC piping, polypropylene skid, relay based control panel and manual diaphragm valve with rotameter for flow control. (PTS-10-20-2-0-PP-PV-RB-1-R-1)



Shown: 300 gpm pump transfer skid with self priming metal pumps, CPVC piping, metal skid, PLC based control panel (not shown) with full line magnetic flow meter and VFD's for flow control. (PTS-300-65-2-1-CS-CP-AB-2-M-4)

Wastech pump transfer skids are designed for safely and efficiently transferring wastewater from process tanks or below grade sumps to Wastech wastewater treatment systems. These pump transfer skids are easily integrated into our standard line of batch and continuous pH adjustment or heavy metal/fluoride precipitation systems.

- Simplex (one pump) , duplex (two pumps), or triplex (three pumps) configurations
- Pumps supplied in standard flooded suction centrifugal or self priming configuration options
- Solids handling pumps available (up to 1-1/2" solids; customer to specify size and nature of solids)
- Pump transfer skids include an integrated Wastech industrial control panel
- Available with relay-based or PLC-based control panels
- Pumps 3HP and larger are operated on soft starters
- Pump skids supplied with or without VFD's
- Max suction lift of 20' for self priming pumps
- Flow control options:
 - Pump skids supplied standard with rotameter and manual diaphragm valve
 - Optional VFD with magnetic flow meter
- Inlet temperatures vary depending on pump material - consult Sales for additional information

Standard Features

- Plastic pumps are glass filled polypropylene
- Plastic skids are fabricated polypropylene
- Metal pumps are available in painted cast iron housing with stainless steel impellers, some sizes in all stainless steel
- Metal skids are epoxy painted carbon steel
- Suction wye strainers are standard on all plastic pump configurations
- Discharge check valves and pump isolation valves are standard on all configurations
- Motor disconnects for ease of service
- Connection terminal blocks for level switches or level transmitter from the upstream tank in the control panel
- Seismic tie-downs

Optional Features

- PVC, CPVC, PP, PVDF, carbon steel and stainless steel pumps and piping

ORDERING INFORMATION											
PTS	Pump Transfer Skids										
	Flow Rate Required (Enter Value)										
	-xxx	Specify flowrate in gallons per minute									
		Discharge Head Required (Enter value)									
	-xxx	Specify discharge head in feet of water									
		Operating Pump Configuration (Choose One)									
	-1	Simplex (1 x 100%)									
	-2	Duplex Alternating (2 x 100%, N+1)									
	-3	Triplex Alternating (3 x 50%, N+1)									
		Self Priming Option (Choose One)									
	-0	Flooded Suction / Non self priming									
	-1	Self priming up to 20 ft (Verify application with sales department)									
		Pump Material (Choose One)									
	-PP	Polypropylene									
	-PF	PVDF									
	-CS	Cast iron with stainless steel impeller									
	-SS	Stainless steel									
		Pipe Material (Choose One)									
	-PV	PVC Sch. 80									
	-CP	CPVC Sch. 80									
	-PP	Polypropylene Sch. 80									
	-PF	PVDF Sch. 80									
	-CS	Carbon Steel Sch. 40									
	-4S	304 Stainless Steel Sch. 10									
	-6S	316 Stainless Steel Sch. 10									
		Control Option (Choose One)									
	-RB	Relay based control panel									
	-IM	IDEC PLC with 7" Maple HMI									
	-AM	Allen-Bradley MicroLogix PLC with 7" Maple HMI									
	-AB	Allen-Bradley MicroLogix PLC with 10" PanelView Plus HMI									
	-AX	Allen-Bradley CompactLogix PLC with 10" PanelView Plus HMI									
		VFD Option (Choose One)									
	-1	No VFD									
	-2	One VFD per pump									
		Flow Control Option (Choose One)									
	-R	Rotameter with manual diaphragm valve (Non VFD option)									
	-M	Magnetic flow meter with VFD control (Requires PLC)									
		Power Requirements (Choose One)									
	-1	115 VAC / 1 / 60 Hz									
	-2A	208 VAC / 1 / 60 Hz									
	-2B	230 VAC / 1 / 60 Hz									
	-3A	208 VAC / 3 / 60 Hz									
	-3B	230 VAC / 3 / 60 Hz									
	-4	460 VAC / 3 / 60 Hz									
Example Part Number											
PTS	-50	-50	-2	-1	-PP	-PV	IM	-1	-R	-1	PTS-50-50-2-1-PP-PV-IM-1-R-1

