



MECHANICAL SALES, INC.

Your Source for *Green* System Solutions

Gemini Pressure Booster Pumping Systems

Duplex and
Triplex Systems
Built for Your
Unique
Application

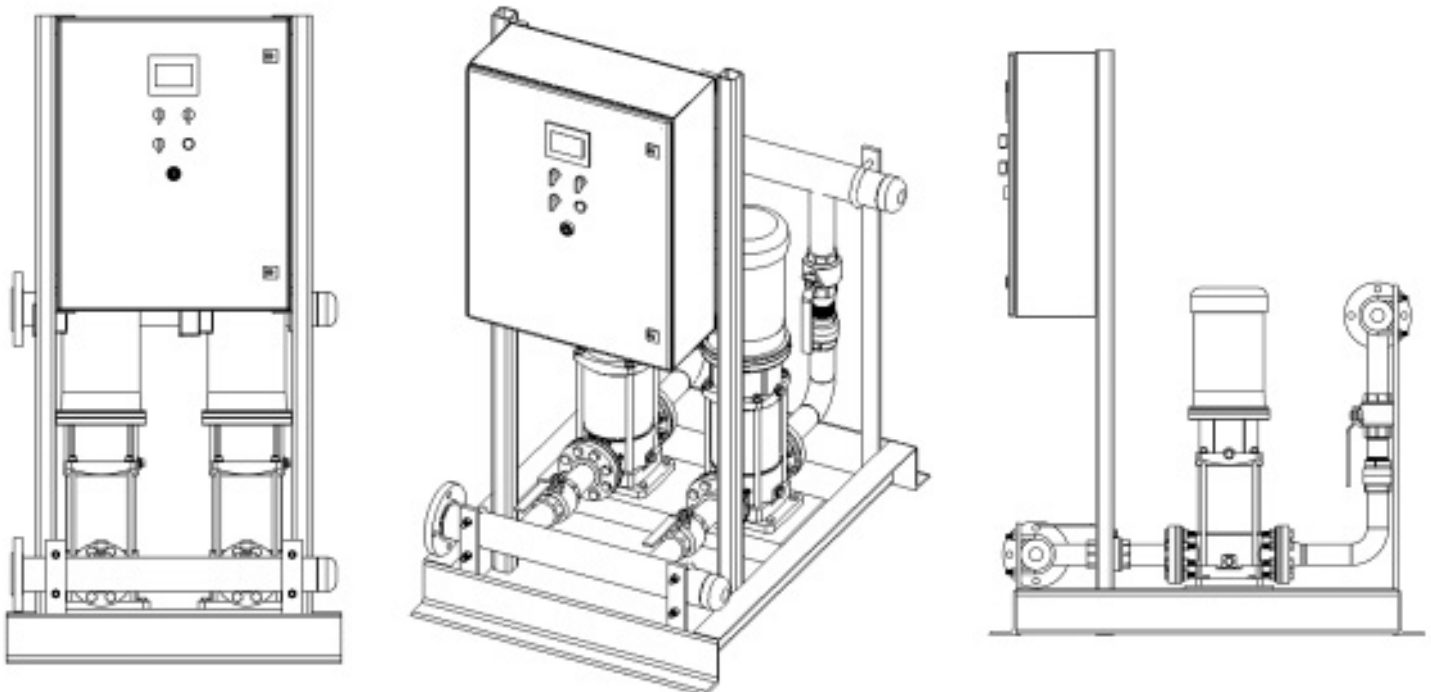


206-767-7140 • www.mechanicalsales.com



Features of the Gemini 'Smart Flow' VMS:

- NSF 61 Certified Stainless Steel Vertical Multi-Stage Pumps
- NSF 61 Certified Spring-Actuated Check Valves
- NSF 61 Certified Full-Port Ball Valves
- NSF 372 Certified Lead-Free Butterfly Valves
- All Stainless Steel Piping. Headers Welded with Flanged Connections and Robust Support
- Welded Steel Stand that is Hot Dipped Galvanized for Durability and Corrosion Resistance
- SCCR Rating of 100 Ka
- UL Listed Package
- UL 508 Listed Control Panel with Fused Main Door Disconnect
- Full-Color Touchscreen with Graphical User Interface
- Proven Pump Sequencing Provides No Flow Shutdown Capability without the Use of Remote Sensors
- Low MCA Ratings for Increased Installation Flexibility
- Onboard Trending of Pump Operation Sequencing, Pump Speed, Suction Pressure & Discharge Pressure
- Optional Bac Net Interface
- Optional Web Page Interface



Our philosophy is one of constant improvement and all product data is subject to change.



Gemini Duplex Pressure Booster

Gemini VMS Duplex Booster: Efficient & Dependable

Utilizing two NSF 61 certified stainless steel pumps, the Gemini VMS Series Variable Speed Pressure Boost Systems save energy and equipment wear by responding to system pressure variations with only the minimum required pumping energy. Each system incorporates a robust UL listed control system with a full-color touchscreen that is simple to operate and maintain.

Each pump provides 50% of the total system design capacity, and they are sequenced based on load. At most times only one pump has to operate, and during periods of no load the pumps will shut off altogether, while small draws are served by a separate hydro-pneumatic draw-down tank.

Offering the best in operational efficiency and safety, the Gemini VMS is designed for today and for tomorrow.



Gemini Duplex Booster Quick Select

Max System Pressure Boost	80 GPM	100 GPM	150 GPM	200 GPM	250 GPM	300 GPM	400 GPM
20 psi	Gemini D80-20	Gemini D100-20	Gemini D150-20	Gemini D200-20	Gemini D250-20	Gemini D300-20	Gemini D400-20
30 psi	Gemini D80-30	Gemini D100-30	Gemini D150-30	Gemini D200-30	Gemini D250-30	Gemini D300-30	Gemini D400-30
40 psi	Gemini D80-40	Gemini D100-40	Gemini D150-40	Gemini D200-40	Gemini D250-40	Gemini D300-40	Gemini D400-40
50 psi	Gemini D80-50	Gemini D100-50	Gemini D150-50	Gemini D200-50	Gemini D250-50	Gemini D300-50	Gemini D400-50
60 psi	Gemini D80-60	Gemini D100-60	Gemini D150-60	Gemini D200-60	Gemini D250-60	Gemini D300-60	Gemini D400-60
70 psi	Gemini D80-70	Gemini D100-70	Gemini D150-70	Gemini D200-70	Gemini D250-70	Gemini D300-70	Gemini D400-70
80 psi	Gemini D80-80	Gemini D100-80	Gemini D150-80	Gemini D200-80	Gemini D250-80	Gemini D300-80	Gemini D400-80
90 psi	Gemini D80-90	Gemini D100-90	Gemini D150-90	Gemini D200-90	Gemini D250-90	Gemini D300-90	Gemini D400-90
100 psi	Gemini D80-100	Gemini D100-100	Gemini D150-100	Gemini D200-100	Gemini D250-100	Gemini D300-100	Gemini D400-100
125 psi	Gemini D80-125	Gemini D100-125	Gemini D150-125	Gemini D200-125	Gemini D250-125	Gemini D300-125	Gemini D400-125



Gemini Duplex Pressure Booster

Gemini Duplex Smart Flow VMS Booster Details

GPM	Model	Max System Pressure Boost	HP	Header	MCA		WxDxH
					208V/240V/480V		
80	Gemini D80-20	20	1hp	3"	14.7/12.43/7.7		34"x44"x66"
80	Gemini D80-30	30	2hp	3"	14.7/12.43/7.7		34"x44"x66"
80	Gemini D80-40	40	2hp	3"	14.7/12.43/7.7		34"x44"x66"
80	Gemini D80-50	50	3hp	3"	20.53/17.375/10.9		34"x44"x66"
80	Gemini D80-60	60	3hp	3"	20.53/17.375/10.9		34"x44"x66"
80	Gemini D80-70	70	5hp	3"	33.8/30.2/18.73		34"x44"x66"
80	Gemini D80-80	80	5hp	3"	33.8/30.2/18.73		34"x44"x66"
80	Gemini D80-90	90	5hp	3"	33.8/30.2/18.73		34"x44"x66"
80	Gemini D80-100	100	5hp	3"	33.8/30.2/18.73		34"x44"x66"
80	Gemini D80-125	125	5hp	3"	33.8/30.2/18.73		34"x44"x66"
100	Gemini D100-20	20	2hp	3"	14.7/12.43/7.7		34"x44"x66"
100	Gemini D100-30	30	2hp	3"	14.7/12.43/7.7		34"x44"x66"
100	Gemini D100-40	40	3hp	3"	20.53/17.375/10.9		34"x44"x66"
100	Gemini D100-50	50	3hp	3"	20.53/17.375/10.9		34"x44"x66"
100	Gemini D100-60	60	5hp	3"	33.8/30.2/18.73		34"x44"x66"
100	Gemini D100-70	70	5hp	3"	33.8/30.2/18.73		34"x44"x66"
100	Gemini D100-80	80	5hp	3"	33.8/30.2/18.73		34"x44"x66"
100	Gemini D100-90	90	5hp	3"	33.8/30.2/18.73		34"x44"x66"
100	Gemini D100-100	100	5hp	3"	33.8/30.2/18.73		34"x44"x66"
100	Gemini D100-125	125	7.5hp	3"	47.75/39.875/25.1		33"x44"x66"
150	Gemini D150-20	20	2hp	3"	14.7/12.43/7.7		34"x44"x66"
150	Gemini D150-30	30	5hp	3"	33.8/30.2/18.73		34"x44"x66"
150	Gemini D150-40	40	5hp	3"	33.8/30.2/18.73		34"x44"x66"
150	Gemini D150-50	50	5hp	3"	33.8/30.2/18.73		34"x44"x66"
150	Gemini D150-60	60	7.5hp	3"	47.75/39.875/25.1		36"x44"x66"
150	Gemini D150-70	70	7.5hp	3"	47.75/39.875/25.1		36"x44"x66"
150	Gemini D150-80	80	7.5hp	3"	47.75/39.875/25.1		36"x44"x66"
150	Gemini D150-90	90	10hp	3"	63.75/53.75/33.75		36"x44"x66"
150	Gemini D150-100	100	10hp	3"	63.75/53.75/33.75		36"x44"x66"
150	Gemini D150-125	125	10hp	3"	63.75/53.75/33.75		36"x44"x66"
200	Gemini D200-20	20	3hp	4"	20.53/17.375/10.9		34"x48"x66"
200	Gemini D200-30	30	5hp	4"	33.8/30.2/18.73		34"x48"x66"
200	Gemini D200-40	40	5hp	4"	33.8/30.2/18.73		34"x48"x66"
200	Gemini D200-50	50	5hp	4"	33.8/30.2/18.73		36"x48"x66"
200	Gemini D200-60	60	7.5hp	4"	47.75/39.875/25.1		36"x48"x66"



Gemini Duplex Pressure Booster

Gemini Duplex Smart Flow VMS Booster Details

GPM	Model	Max System Pressure Boost	HP	Header	MCA		WxDxH
					208V/240V/480V		
200	Gemini D200-70	70	7.5hp	4"	47.75/39.875/25.1		36"x48"x66"
200	Gemini D200-80	80	7.5hp	4"	47.75/39.875/25.1		36"x48"x66"
200	Gemini D200-90	90	10hp	4"	63.75/53.375/33.75		36"x48"x66"
200	Gemini D200-100	100	10hp	4"	63.75/53.375/33.75		36"x48"x66"
200	Gemini D200-125	125	15hp	4"	95.7/78.35/48		42"x48"x72"
250	Gemini D250-20	20	5hp	4"	33.8/30.2/18.73		36"x48"x66"
250	Gemini D250-30	30	5hp	4"	33.8/30.2/18.73		36"x48"x66"
250	Gemini D250-40	40	7.5hp	4"	47.75/39.875/25.1		36"x48"x66"
250	Gemini D250-50	50	7.5hp	4"	47.75/39.875/25.1		36"x48"x66"
250	Gemini D250-60	60	7.5hp	4"	47.75/39.875/25.1		36"x48"x66"
250	Gemini D250-70	70	10hp	4"	63.75/53.375/33.75		36"x48"x66"
250	Gemini D250-80	80	10hp	4"	63.75/53.375/33.75		36"x48"x66"
250	Gemini D250-90	90	10hp	4"	63.75/53.375/33.75		36"x48"x66"
250	Gemini D250-100	100	15hp	4"	95.7/78.35/48		38"x48"x72"
250	Gemini D250-125	125	15hp	4"	95.7/78.35/48		42"x48"x72"
300	Gemini D300-20	20	5hp	4"	33.8/30.2/18.73		36"x48"x66"
300	Gemini D300-30	30	5hp	4"	33.8/30.2/18.73		36"x48"x66"
300	Gemini D300-40	40	7.5hp	4"	47.75/39.875/25.1		36"x48"x66"
300	Gemini D300-50	50	7.5hp	4"	47.75/39.875/25.1		36"x48"x66"
300	Gemini D300-60	60	10hp	4"	63.75/53.375/33.75		36"x48"x66"
300	Gemini D300-70	70	10hp	4"	63.75/53.375/33.75		36"x48"x66"
300	Gemini D300-80	80	10hp	4"	63.75/53.375/33.75		36"x48"x66"
300	Gemini D300-90	90	15hp	4"	95.7/78.35/48		42"x48"x72"
300	Gemini D300-100	100	15hp	4"	95.7/78.35/48		42"x48"x72"
300	Gemini D300-125	125	20hp	4"	127.2/103.33/64.6		42"x48"x72"
400	Gemini D400-20	20	7.5hp	6"	47.75/39.875/25.1		36"x52"x66"
400	Gemini D400-30	30	7.5hp	6"	47.75/39.875/25.1		36"x52"x66"
400	Gemini D400-40	40	10hp	6"	63.75/53.375/33.75		36"x52"x66"
400	Gemini D400-50	50	15hp	6"	95.7/78.35/48		42"x52"x72"
400	Gemini D400-60	60	15hp	6"	95.7/78.35/48		42"x52"x72"
400	Gemini D400-70	70	15hp	6"	95.7/78.35/48		42"x52"x72"
400	Gemini D400-80	80	15hp	6"	95.7/78.35/48		42"x52"x72"
400	Gemini D400-90	90	20hp	6"	127.2/103.33/64.6		42"x52"x72"
400	Gemini D400-100	100	20hp	6"	127.2/103.33/64.6		42"x52"x72"
400	Gemini D400-125	125	25hp	6"	152.4/126.5/78.8		42"x52"x72"



Gemini Duplex 'Smart Flow' VMS Booster Pump Package

Gemini "Smart Flow VMS" UL listed packaged variable speed water pressure boost pumping system to deliver ___ GPM at a pressure rise of ___ PSI. The Duplex pump package shall be mounted on a welded steel skid base that is hot dip galvanized and will be completely factory piped, wired and assembled. Suction and discharge headers shall be welded and constructed of Schedule 10 # 304 stainless steel; Suction and discharge headers shall be ___" diameter and provided with full size raised face 150# flange system connections. Package shall be wired for a single point electrical strike of ___ volt/ 3 phase/60 cycle. The package shall have a SCCR rating of 100 Ka minimum. The package shall have a max CW pressure rating of 200 psig. The package shall be complete and ready to operate once the system piping and electrical connections are completed and shall bear the UL label for packaged pumping systems. All pumps, check valves, ball valves and butterfly valves shall be third party certified to NSF 61. If specified in the project schedule, an optional flanged, full size package bypass connection will be provided.

Pumps: Two each NSF 61 certified Stainless Steel vertical multi-stage centrifugal pumps with ___HP motors. Pumps shall be sized to each provide 50% of the rated package flow capacity. The pumps shall provide the pressure to overcome all internal package pressure drop as well as the rated system pressure boost. Each pump shall be provided with isolation valves on both the suction and discharge branch lines and a spring check valve on the discharge. Valves shall be third party certified to meet the requirements of NSF 61 and shall be selected to minimize pressure drop and provide the total specified pressure boost across the package. On branch lines of 2" or less, the valves shall be full port ball valves and spring check valves. On suction lines 2 ½" and larger, full lug butterfly valves with elastic seats will be provided.

Control System: Package includes one each UL listed 508A microprocessor-based control panel designed specifically to monitor and supply the required water pressure. Control panel shall be manufactured by the UL packaged pumping system manufacturer. Outsourced control panels will not be accepted. The panel shall be factory mounted on a rigid galvanized steel support stand, completely wired to all packaged system components and will include all required automatic controls to sequence and control the speed of the booster pumps to maintain the common discharge domestic water pressure at set point under varying load and suction pressure conditions. Control functionality shall include pressure setback during periods of low use in accordance with ASHRAE 2010 90.1 energy standards. All sequencing and logic functions shall be provide by a single programmable controller specifically configured for the application. Use of multiple controllers shall not be allowed. Panel to include fused main door fused disconnect that will disconnect all power to the package.

System will include two UL listed variable frequency drives with programmable overload, short circuit and phase loss protection. Drives shall be installed with primary fusing and a thermostatically operated panel mounted cooling fan. Drives to be mounted inside a steel welded enclosure.

Liquid filled pressure gauges will be installed on both the suction and discharge headers. Suction and discharge header pressure sensors, with <0.5% accuracy and 4-20 mA output will be factory mounted and wired. Wetted components of both transmitter's and gauges to be #316 Stainless Steel.

Control functions provided shall include: pump speed control, pump lead-lag sequencing based on system demand, lead pump alternation, automatic failure back-up, no-flow shutdown with auto restart function, pressure setback, minimum run timers and end-of-curve protection. System to include pump H-O-A switches, system Local-Off-Remote selector switch, alarm horn, and a front panel mounted full color touchscreen operator interface to provide a graphical user interface that accurately depicts the installed system. Touchscreen to display all status and alarm messages and allow easy adjustment of all system set points and reset of all alarms. System alarms shall include pump failure, low suction pressure shutdown with alarm and manual reset (auto reset is user selectable), and high system pressure shutdown with alarm.

The system will provide on board trending of Discharge and Suction pressures, Pump Run status, Pump Speed and Load Demand over time. Trending data to be displayed on the graphical user interface and available to be downloaded onto a flash drive and converted to a csv file.

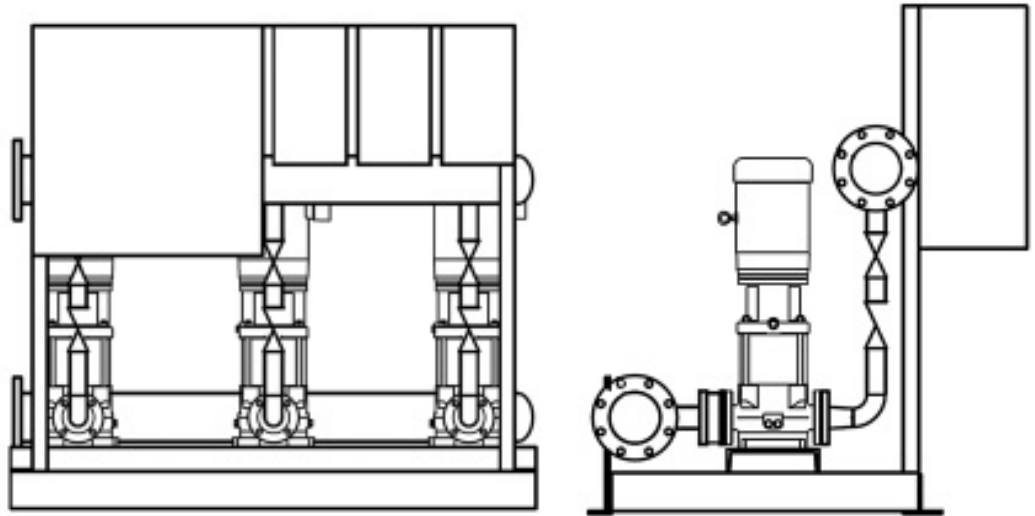
System shall include terminals to accept a remote enable signal and provide dry contact outputs for individual pump run and fail status points and a general alarm output. An optional BacNet or Lonworks interface is available.



Gemini Triplex Pressure Booster

Gemini VMS Triplex Booster: Cost Effective for Larger Systems

The Gemini VMS Triplex systems are designed to serve larger systems with the very minimum total electrical draw. Even with its larger flow capacity, the Gemini Triplex can provide efficient operation during periods of low and high demand while providing a greater degree of redundancy.



The Triplex configuration includes all of the features and benefits of the VMS Duplex series and is available, as standard, in system flow rates up to 600 GPM. Larger and smaller systems are available on a job-specific basis and can include any number of pumps and custom operating sequences.

Gemini Triplex Booster Quick Select

Max System Pressure Boost	300 GPM	400 GPM	500 GPM	600 GPM
20 psi	Gemini T300-20	Gemini T400-20	Gemini T500-20	Gemini T600-20
30 psi	Gemini T300-30	Gemini T400-30	Gemini T500-30	Gemini T600-30
40 psi	Gemini T300-40	Gemini T400-40	Gemini T500-40	Gemini T600-40
50 psi	Gemini T300-50	Gemini T400-50	Gemini T500-50	Gemini T300-50
60 psi	Gemini T300-60	Gemini T400-60	Gemini T500-60	Gemini T600-60
70 psi	Gemini T300-70	Gemini T400-70	Gemini T500-70	Gemini T600-70
80 psi	Gemini T300-80	Gemini T400-80	Gemini T500-80	Gemini T600-80
90 psi	Gemini T300-90	Gemini T400-90	Gemini T500-90	Gemini T600-90
100 psi	Gemini T300-100	Gemini T400-100	Gemini T500-100	Gemini T600-100
125 psi	Gemini T300-125	Gemini T400-125	Gemini T500-125	Gemini T600-125



Gemini Triplex Pressure Booster

Triplex Gemini Smart Flow VMS Booster Details

Model	GPM	Max System Pressure Boost	HP	Header	MCA	
					208V/240V/480V	WxDxH
GeminiT300-20	300	20	3hp	4"	55.23/55.23/27.15	60"x58"x66"
GeminiT300-30	300	30	5hp	4"	55.23/55.23/27.15	60"x58"x66"
GeminiT300-40	300	40	5hp	4"	55.23/55.23/27.15	60"x58"x66"
GeminiT300-50	300	50	5hp	4"	55.23/55.23/27.15	60"x58"x66"
GeminiT300-60	300	60	7.5hp	4"	79.60/79.60/36.25	60"x58"x66"
GeminiT300-70	300	70	7.5hp	4"	79.60/79.60/36.25	60"x58"x66"
GeminiT300-80	300	80	10hp	4"	101.05/101.05/47.63	60"x58"x66"
GeminiT300-90	300	90	10hp	4"	101.05/101.05/47.63	60"x58"x66"
GeminiT300-100	300	100	10hp	4"	101.05/101.05/47.63	60"x58"x66"
GeminiT300-125	300	125	15hp	4"	151.10/151.10/68.75	60"x58"x66"
GeminiT400-20	400	20	5hp	4"	55.23/55.23/27.16	60"x58"x66"
GeminiT400-30	400	30	5hp	4"	55.23/55.23/27.15	60"x58"x66"
GeminiT400-40	400	40	7.5hp	4"	79.60/79.60/36.25	60"x58"x66"
GeminiT400-50	400	50	7.5hp	4"	79.60/79.60/36.25	60"x58"x66"
GeminiT400-60	400	60	10hp	4"	101.05/101.05/47.63	60"x58"x66"
GeminiT400-70	400	70	10hp	4"	101.05/101.05/47.63	60"x58"x66"
GeminiT400-80	400	80	10hp	4"	101.05/101.05/47.63	60"x58"x66"
GeminiT400-90	400	90	10hp	4"	101.05/101.05/47.63	60"x58"x66"
GeminiT400-100	400	100	15hp	4"	151.10/151.10/68.75	60"x58"x66"
GeminiT400-125	400	125	20hp	4"	194/194/88.25	60"x58"x66"
GeminiT500-20	500	20	5hp	6"	55.23/55.23/27.17	66"x58"x66"
GeminiT500-30	500	30	7.5hp	6"	79.60/79.60/36.25	66"x58"x66"
GeminiT500-40	500	40	7.5hp	6"	79.60/79.60/36.25	66"x58"x66"
GeminiT500-50	500	50	10hp	6"	101.05/101.05/47.63	66"x58"x66"
GeminiT500-60	500	60	10hp	6"	101.05/101.05/47.63	66"x58"x66"
GeminiT500-70	500	70	10hp	6"	101.05/101.05/47.63	66"x58"x66"
GeminiT500-80	500	80	15hp	6"	151.10/151.10/68.75	66"x58"x66"
GeminiT500-90	500	80	15hp	6"	151.10/151.10/68.75	66"x58"x66"
GeminiT500-100	500	100	20hp	6"	194/194/88.25	72"x58"x66"
GeminiT500-125	500	125	20hp	6"	194/194/88.25	72"x58"x66"
GeminiT600-20	600	20	7.5hp	6"	79.60/79.60/36.25	66"x58"x66"
GeminiT600-30	600	30	7.5hp	6"	79.60/79.60/36.25	66"x58"x66"
GeminiT600-40	600	40	10hp	6"	101.05/101.05/47.63	66"x58"x66"
GeminiT600-50	600	50	15hp	6"	151.10/151.10/68.75	72"x58"x66"
GeminiT600-60	600	60	15hp	6"	151.10/151.10/68.75	72"x58"x66"
GeminiT600-70	600	70	15hp	6"	151.10/151.10/68.75	72"x58"x66"
GeminiT600-80	600	80	15hp	6"	151.10/151.10/68.75	72"x58"x66"
GeminiT600-90	600	90	20hp	6"	194/194/88.25	72"x58"x66"
GeminiT600-100	600	100	20hp	6"	194/194/88.25	72"x58"x66"
GeminiT600-125	600	125	25hp	6"	244/244/124	72"x58"x66"



Triplex 'Smart Flow' VMS Booster Pump Package

Gemini "Smart Flow VMS" UL listed packaged variable speed water pressure boost pumping system to deliver ____ GPM at a pressure rise of ____ PSI. The Duplex pump package shall be mounted on a welded steel skid base that is hot dip galvanized and will be completely factory piped, wired and assembled. Suction and discharge headers shall be welded and constructed of Schedule 10 # 304 stainless steel; Suction and discharge headers shall be ____" diameter and provided with full size raised face 150# flange system connections. Package shall be wired for a single point electrical strike of ____ volt/ 3 phase/60 cycle. The package shall have a SCCR rating of 100 Ka minimum. The package shall have a max CW pressure rating of 200 psig. The package shall be complete and ready to operate once the system piping and electrical connections are completed and shall bear the UL label for packaged pumping systems. All pumps, check valves, ball valves and butterfly valves shall be third party certified to NSF 61. If specified in the project schedule, an optional flanged, full size package bypass connection will be provided.

Pumps: Three each NSF 61 certified Stainless Steel vertical multi-stage centrifugal pumps with ____HP motors. Pumps shall be sized to each provide 50% of the rated package flow capacity. The pumps shall provide the pressure to overcome all internal package pressure drop as well as the rated system pressure boost.

Each pump shall be provided with isolation valves on both the suction and discharge branch lines and a spring check valve on the discharge. Valves shall be third party certified to meet the requirements of NSF 61 and shall be selected to minimize pressure drop and provide the total specified pressure boost across the package. On branch lines of 2" or less, the valves shall be full port ball valves and spring check valves. On suction lines 2 ½" and larger, full lug butterfly valves with elastic seats will be provided

Control System: Package includes one each UL listed 508A microprocessor-based control panel designed specifically to monitor and supply the required water pressure. Control panel shall be manufactured by the UL packaged pumping system manufacturer. Outsourced control panels will not be accepted. The panel shall be factory mounted on a rigid galvanized steel support stand, completely wired to all packaged system components and will include all required automatic controls to sequence and control the speed of the booster pumps to maintain the common discharge domestic water pressure at set point under varying load and suction pressure conditions. Control functionality shall include pressure setback during periods of low use in accordance with ASHRAE 2010 90.1 energy standards. All sequencing and logic functions shall be provide by a single programmable controller specifically configured for the application. Use of multiple controllers shall not be allowed. Panel to include fused main door fused disconnect that will disconnect all power to the package.

System will include three UL listed variable frequency drives with programmable overload, short circuit and phase loss protection. Drives shall be installed with primary fusing and a thermostatically operated panel mounted cooling fan.

Liquid filled pressure gauges will be installed on both the suction and discharge headers. Suction and discharge header pressure sensors, with <0.5% accuracy and 4-20 mA output will be factory mounted and wired. Wetted components of both transmitter's and gauges to be #316 Stainless Steel.

Control functions provided shall include: pump speed control, pump lead-lag sequencing based on system demand, lead pump alternation, automatic failure back-up, no-flow shutdown with auto restart function, pressure setback, minimum run timers and end-of-curve protection. System to include pump H-O-A switches, system Local-Off-Remote selector switch, alarm horn, and a front panel mounted full color touchscreen operator interface to provide a graphical user interface that accurately depicts the installed system. Touchscreen to display all status and alarm messages and allow easy adjustment of all system set points and reset of all alarms. System alarms shall include pump failure, low suction pressure shutdown with alarm and manual reset (auto reset is user selectable), and high system pressure shutdown with alarm.

The system will provide on board trending of Discharge and Suction pressures, Pump Run status, Pump Speed and Load Demand over time. Trending data to be displayed on the graphical user interface and available to be downloaded onto a flash drive and converted to a csv file.

System shall include terminals to accept a remote enable signal and provide dry contact outputs for individual pump run and fail status points and a general alarm output. An optional BacNet or Lonworks interface is available.



State-of-the-Art System Control for Ease of Operation

Gemini VMS Pressure Boost Systems are a state-of-the-art approach to water system pressure control. Significant energy savings and reduced maintenance can be realized over constant speed systems using pressure-reducing valves, switches and flow meters. A full-color touchscreen with graphical user interface provides ease of operation and superior visibility of all operating conditions.

Alarm messages and operating data are specific and clear, so that even non-technical operating personnel are comfortable with the system. Data logging functionality allows confirmation of system settings.

The standard control system is UL listed for safety and proper design, and carries an SCCR rating of 100 Ka for installation flexibility.





Custom Booster Systems

Have a Unique Application? We Will Build to Your Specifications

The Gemini product line includes custom pumping systems of all descriptions and can vary in size, purpose, construction, operation, electrical characteristics, pressure rating and many other ways. Our long history of supplying pumping systems means that we can provide what your application demands.

Systems are available as a skid mounted package, or as loose components for field installation. Special control packages are available for rainwater collection applications. Systems can include enclosures for outdoor installation.





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