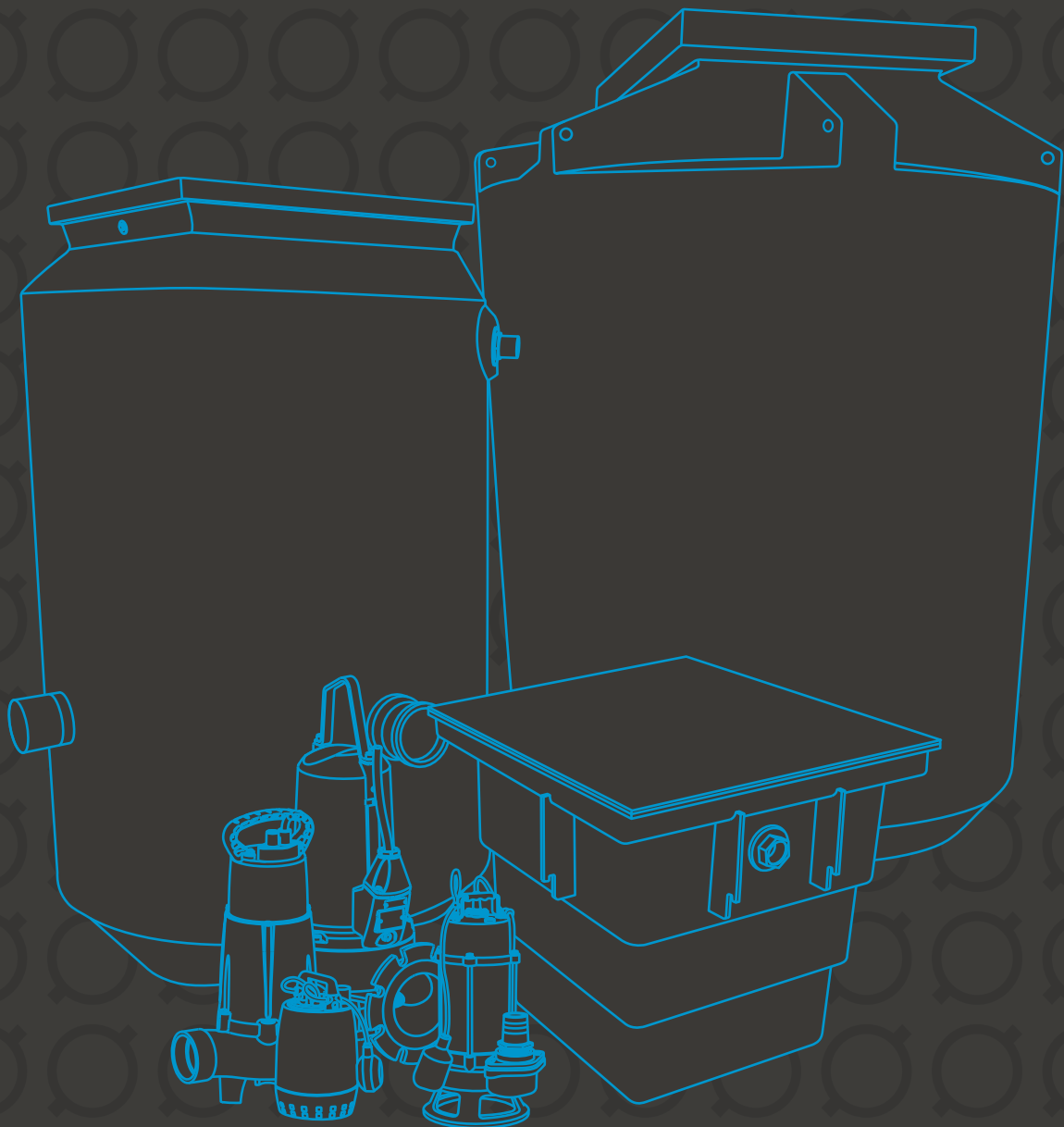




DrainAce

Polyethylene pump stations

DrainAce polyethylene pump stations for sewer, effluent and stormwater combine a heavy duty polyethylene pit with a wide range of pumps to provide a prefabricated pumping station solution for many uses.

The pump chambers are manufactured under the strict quality control parameters of ISO9001:2015 and are certified as compliant to AS/NZS 1546.1 on a yearly basis.

Each tank design has been subject to FEA modelling and the wall thickness engineered to comply with all load requirements. The standard composite resin gas-tight cover complies with the 510 kg requirement of the standard, without any additional support.

A wide choice of alternative cover options are available including foam-filled poly, light or heavy duty cast iron, and hot-dip galvanised grates.

The Global Water GP range of sewer and wastewater submersible pumps provide a dependable solution for a wide range of domestic, commercial and industrial pumping applications.

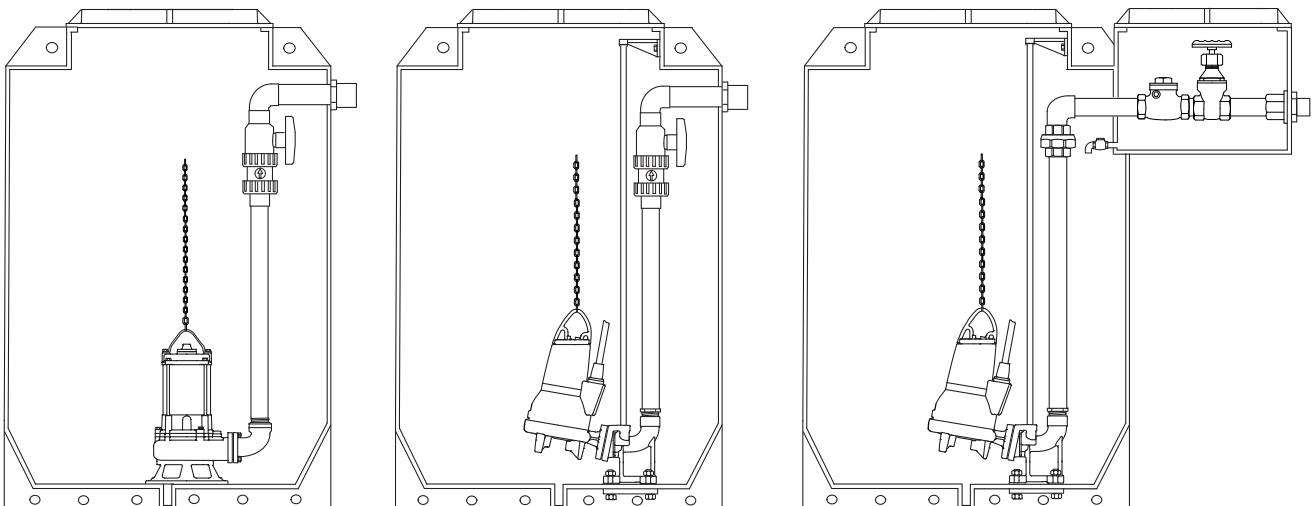
Arranged in either single or twin configurations, pumps are available in automatic and manual versions, and are fitted with cutter or grinder mechanisms for sewage, and semi-open or vortex solids handling impellers for stormwater and effluent. Control panels for both single and dual pump systems with audible and visual alarms are available to suit, with an option of SMS fault notification.

Features

- Minimal site works – prebuilt plug-and-play packages
- Largest range of poly pump stations in Australia
 - diameter to 1950 mm
 - depths to 5.2 m
 - capacities from 175 L to 10,500 L
- Chamber complies to AS/NZS 1546.1
- Flexibility of on-site inlet penetrations
- Fully customisable – huge range of pumps and controls
- Single or twin pumps, single or three-phase
- Corrosion-free linear low-density polyethylene (LLDPE) construction
- NSW and SA Department of Health approved
- Low carbon footprint and fully recyclable tanks
- Above ground pump and tank options available
- High impact resistance
- Ultrasonic wall thickness tested
- 510 kg top load tested
- Above ground units available.

Applications

- Domestic and commercial sewage or septic effluent
- Industrial waste/buffer pits
- Stormwater
- Trade waste treatment
- Rainwater harvesting
- Solids settling
- Emergency storage/overflow.



DrainAce

Polyethylene pump stations

Pit specifications

Pit model	Capacity (L)	Diameter (mm)	Nom. depth (mm)	Weight (kg)	Cover size (mm)
DAP01*	175	710 ²	660	8	600 x 600
DAP02*	280	710 ²	960	16	600 x 600
DAP02A*	250	615	960	19	600 x 600
DAP05*	500	700	1400	28	Ø560
DAP06A†	590	800	1260	33	Ø600
DAP09	950	1000	1440	60	600 x 600
DAP10A	1050	1000	1600	73	600 x 600
DAP15	1460	1000	2100	97	600 x 600
DAP19	1880	1400	1525	128	900 x 600
DAP22	2180	1000	3150	235	600 x 600
DAP31	3150	1400	2385	210	900 x 600
DAP32	3200	1950	1400	190	900 x 600
DAP41	4100	1400	3020	310	900 x 600
DAP52	5200	1950	2100	355	900 x 600
DAP61	6100	1950	2400	471	900 x 600
DAP71*	7100	1400	5120	633	900 x 600
DAP81	8100	1950	3180	545	900 x 600
DAP105	10500	1950	4050	770	900 x 600

* Does not comply with AS/NZS 1546.1 and not Department of Health approved.

† Department of Health approved (NSW only).

All other models are approved by NSW and SA Department of Health.

* AS/NZS 1546.1 certification and Department of Health approval pending.



Access covers

Cover types

Reference code	Loading	Type
LSP	No traffic	Poly cover
LSGC	Foot traffic	Galv. cover – gas-tight
LSCR	Light duty – 510 kg	Composite cover – gas-tight
LSCI	Class B	Cast iron cover – gas-tight*
HSCI	Class D	Cast iron cover – gas-tight*
LSGG	Light duty	Galvanised grate
HSGG	Class D	Galvanised grate*

*Requires load-bearing concrete surround.



DrainAce

Stormwater and drainage pumps

Pump specifications

Model	Type	Power (kw)	Current (A)	Voltage (V)	Outlet (mm)	Ø Solids (mm)
GPD32-25	Drainage	0.25	1.9	240	32	10
GPD32-55	Drainage	0.55	3.6	240	32	10
GPV40-75	Vortex	0.75	4.8	240	40	40
GPV40-110	Vortex	1.1	6.9	240	40	40
GPV50-110	Vortex	1.1	7.8	240	50	50
GPV50-111	Vortex	1.1	6.9	240	50	50
GPV65-180	Vortex	1.8	11.6	240	65	60
GPV80-150	Vortex	1.5	13.0	240	80	60
GPV50-180	Vortex	1.8	4.1	415	50	40
GPV65-200	Vortex	2.0	4.6	415	65	60
GPV80-220	Vortex	2.2	6.5	415	80	65
GPV80-300	Vortex	3.0	7.5	415	80	65
GPV100-550	Vortex	5.5	12.3	415	100	80
GPV100-750	Vortex	7.5	16.5	415	100	80



Sewer and effluent pumps

Pump specifications

Model	Type	Phase	Power (kw)	Current (A)	Outlet (mm)
GPC50-75	Cutter	1	0.75	7.0	50
GPG50-150	Grinder	1/3	1.5	9.5/3.6	50
GPG50-151	Grinder	1	1.5	9.5	50
GPG32-90	Grinder	1/3	1.84/2.0	11.6/4.64	32
GPG32-120	Grinder	3	1.2	3.29	32
GPG32-170	Grinder	3	1.7	3.97	32
GPG32-210	Grinder	3	2.1	4.75	32
GPG32-260	Grinder	3	2.6	5.64	32
GPG32-300	Grinder	3	3.0	5.58	32
GPG50-550	Grinder	3	5.5	10.3	50



