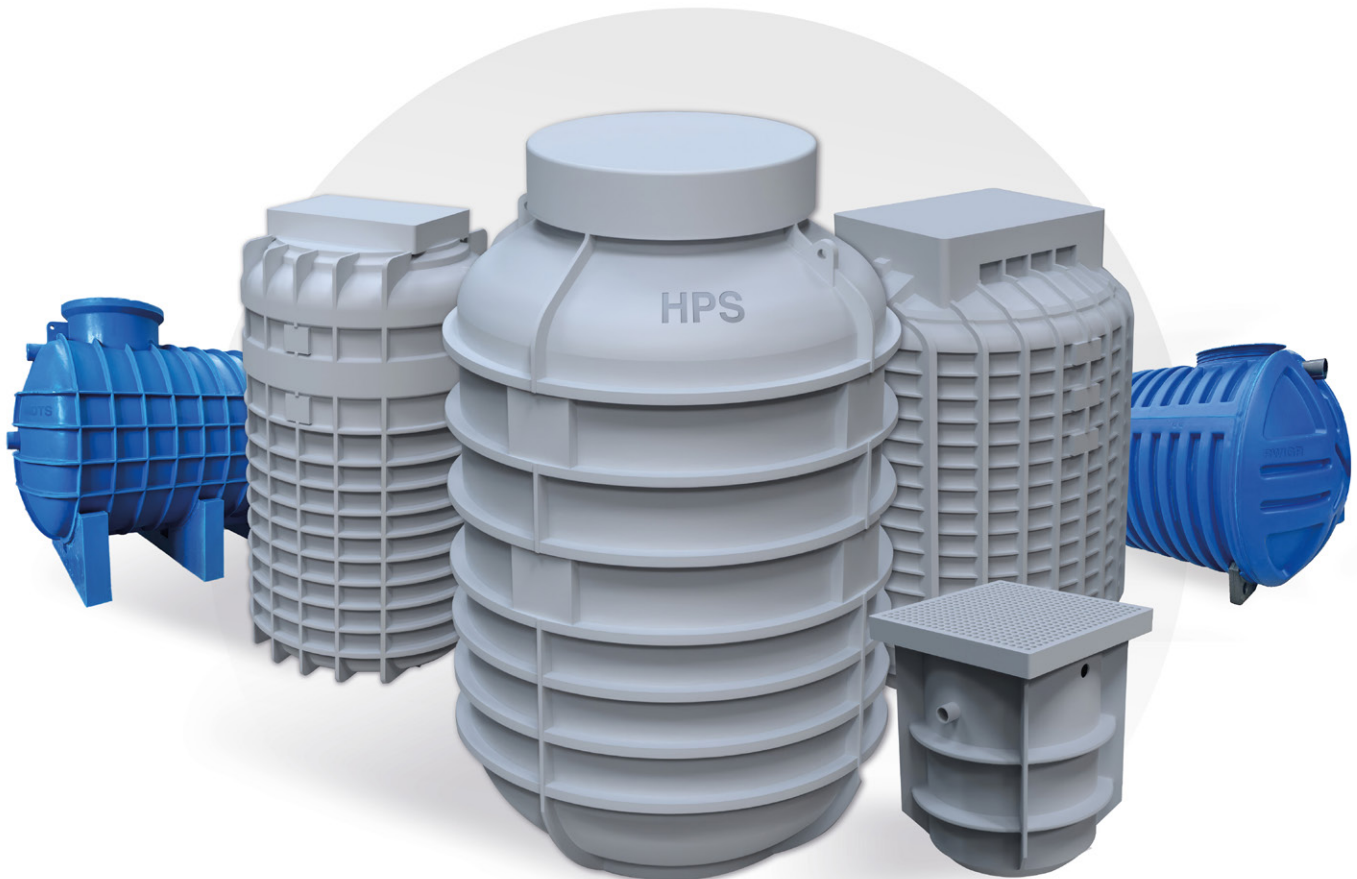




ACO Halgan Pty Ltd



Pump stations

Design | Manufacture | Service

Sustainable Environmental Treatment Solutions

AN ACO GROUP COMPANY



Proudly Australian Manufactured for over 30 years.



ACO Halgan Pty Ltd

To Our Customers

Whether you need grease traps, grease extractors, pump stations, pre-treatment devices, rainwater management systems or storm water treatment systems, Halgan's sustainable environmental treatment solution products offers many advantages. They're durable, reliable, and of superior standard.

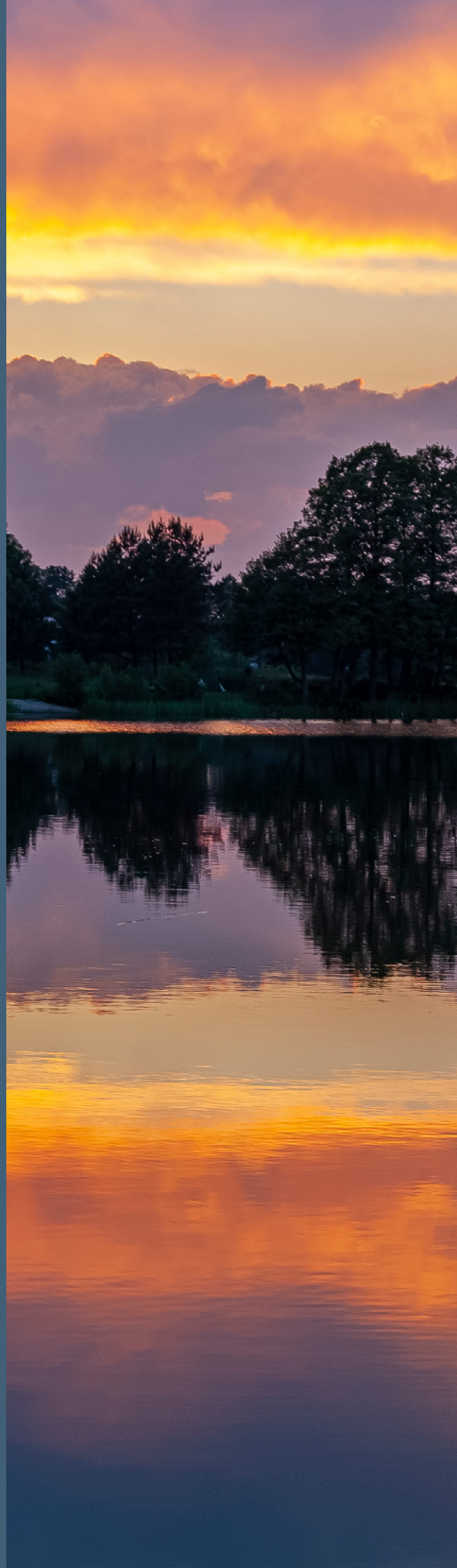
We're also proud of our pre-sales and post-sales technical service, it's about relationships and trust in a team that is on your side.

Company Profile

ACO Halgan, an Australian manufacturing company, which was established in 1994, specialises in all aspects of sustainable environmental & trade waste solutions.

From manufacture of treatment products, with state of the art rotomoulding equipment, through to our consultation and sales process, ACO Halgan Pty Ltd, provides a superior product, with Stringent Quality assurance, backed by our International parent company, ACO Group.

For over 30 years we have provided pre – treatment products and a dedicated service to Plumbers, developers, Consulting Engineers, Industry partners and Merchants.



A scenic sunset over a lake with trees in the background. The sky is filled with vibrant orange and yellow clouds, reflecting on the calm water. A line of dark trees is visible on the horizon.

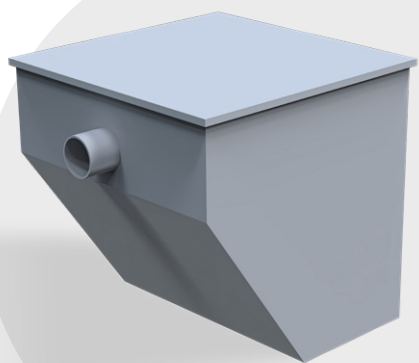
Our Mission

To promote a sustainable environment,
which is reflected in the products we sell,
purchase and use.

Our Vision

To maintain a leading position in our markets
through innovative, environmentally friendly
products of the highest quality.

Pump Stations



Ecotec

UNDER SINK UNIT

Model numbers:

EUS/PE/80, EUS/PE/80, EUS/SS/95

Features

- Designed to fit under benches
- Polyethylene and stainless steel
- Acid resistant
- Durable

Applications

- Kitchen sinks
- Dishwashers
- Floor wastes
- Industrial sinks



H130

130 LITRE PUMP STATION

Model numbers:

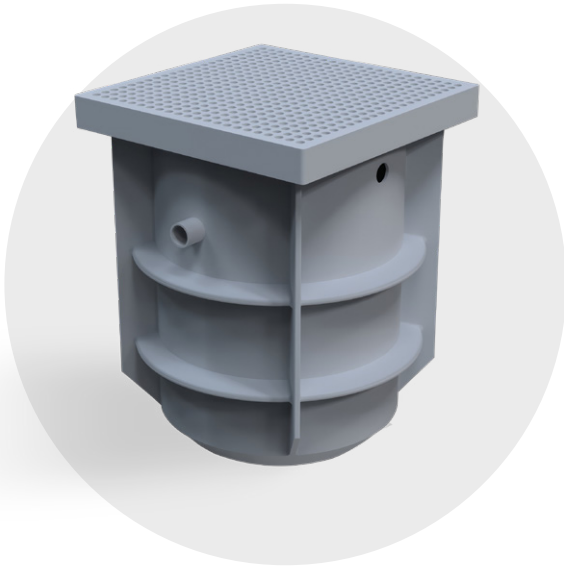
H130A, H130B, H130D

Features

- Compact – lightweight
- Easily transported
- Acid resistant
- Durable
- Above or below ground installation
- Single pump application available

Applications

- Trade waste drainage in conjunction with grease traps
- Caravan parks
- Sanitary drainage
- Construction



HPS250

250 LITRE PUMP STATION

Model numbers:

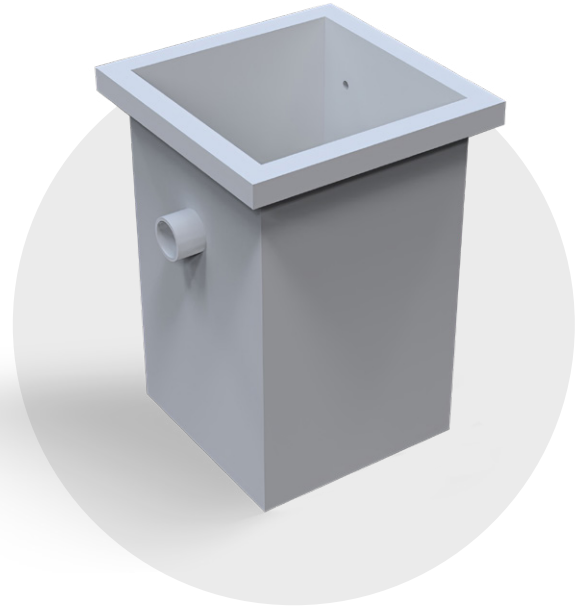
HPS250A, HPS250B, HPS250D, HPS250AP

Features

- Compact and lightweight
- Easy to transport
- Acid-resistant and durable
- Suitable for above or below-ground installation
- Single and dual pump application available

Applications

- Trade waste drainage
- Sanitary drainage
- Temporary construction sites to manage wastewater from portable facilities or site offices
- Residential settings where drainage or elevation challenges require additional pumping



H300

300 LITRE PUMP STATION

Model numbers:

H300A, H300B, H300D, H300AP

Features

- Compact – lightweight
- Easily transported
- Acid resistant
- Durable
- Above or below ground installation
- Single pump application available

Applications

- Trade waste drainage in conjunction with grease traps
- Sanitary drainage
- Condensate drainage
- Construction sites
- Marina

HPS600

600 LITRE PUMP STATION

Model numbers:

HPS600A, HPS600B, HPS600D, HPS600AP



Features

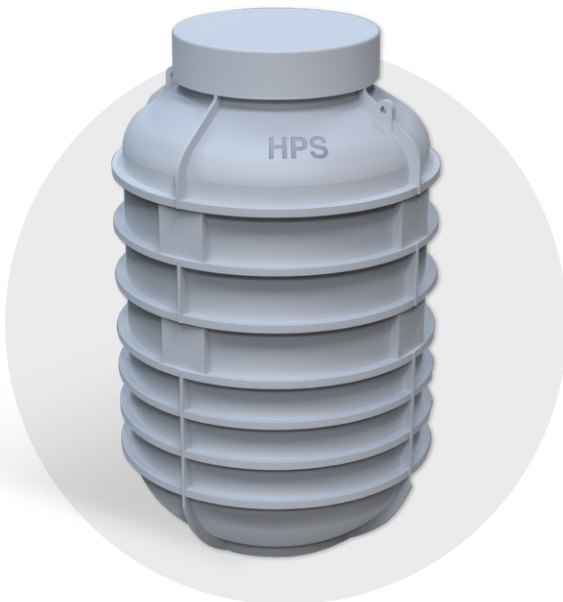
- Compact and lightweight for easy transport
- Acid-resistant for harsh environments
- Durable construction
- Suitable for above or below-ground installation
- Dual pump application available

Applications

- Medium to large commercial kitchens for draining multiple sinks, dishwashers, and food prep areas
- Larger trade waste systems in workshops, garages, and small factories
- Grease trap systems where more storage and pumping capacity is needed
- Larger caravan parks or holiday parks to manage greywater and sewage from several facilities
- Public amenities in parks or recreational areas for toilets, sinks, and showers
- Construction sites requiring substantial temporary drainage solutions for site offices or portable facilities

Operating Limits

Model	Description	Length (mm)	Height (mm)	Width (mm)	Weight (kg)
HPS600A	600 litre vessel Above Ground Class A lid	882	1280	882	55
HPS600B	600 litre vessel Below Ground Class B lid	882	1280	882	111
HPS600D	600 litre vessel Below Ground Class D lid	882	1280	882	170
HPS600AP	600 litre vessel w/ CLA Pedestrian Lid	882	1280	882	65



HPS1050

1050 LITRE PUMP STATION

Model numbers:

HPS1050A, HPS1050B, HPS1050D, HPS1050AP

Features

- **Compact and lightweight design** enables easy handling and installation in tight spaces
- **Portable and easy to transport** ideal for moving between sites or installations
- **Built to withstand harsh environments** acid-resistant materials ensure longevity in challenging conditions
- **Highly durable construction** designed for reliable, long-term use
- **Flexible installation options** can be installed above or below ground to suit site requirements
- **Single and dual pump application** available

Applications

- **Large commercial kitchens and food processing facilities** handles high volumes of wastewater and grease-laden effluent
- **Industrial sites** ideal for managing wastewater from factories, workshops, or processing plants
- **Shopping centres and retail complexes** - manages substantial waste from food courts, restrooms, and other facilities
- **Caravan parks and holiday resorts** supports multiple amenities, including toilets, showers, and laundry facilities
- **Multi-storey buildings** suitable for large-scale sanitary drainage where gravity drainage is limited
- **Public facilities in parks and recreational areas** ideal for high-use toilets and sinks in public spaces
- **Construction sites** temporary but large-scale drainage solution for portable facilities and on-site offices

Operating Limits

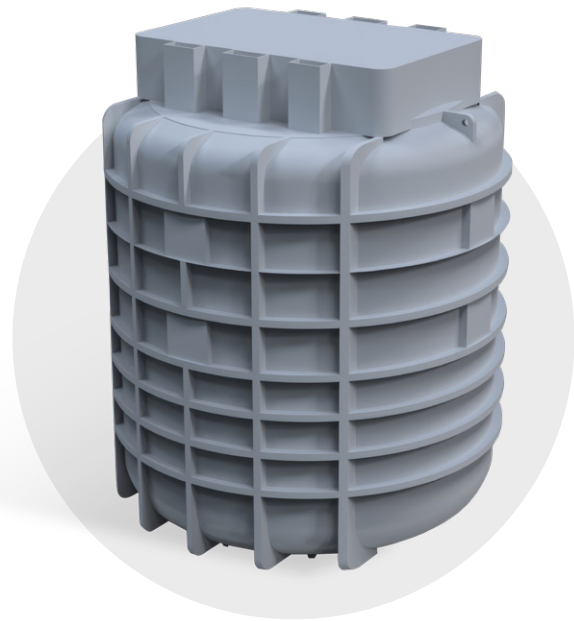
Model	Description	Length (mm)	Height (mm)	Width (mm)	Weight (kg)
HPS1050A	1050 litre vessel Above Ground Class A lid	1070	1730	1070	80
HHPS1050B	1050 litre vessel Below Ground Class B lid	1070	1730	1070	136
HPS1050D	1050 litre vessel Below Ground Class D lid	1070	1730	1070	195
HPS1050D	1050 litre vessel w/ CLA Pedestrian Lid	1070	1730	1070	95

HPS2000

2000 LITRE PUMP STATION

Model numbers:

HPS2000A, HPS2000B, HPS2000D, HPS2000AP



Features

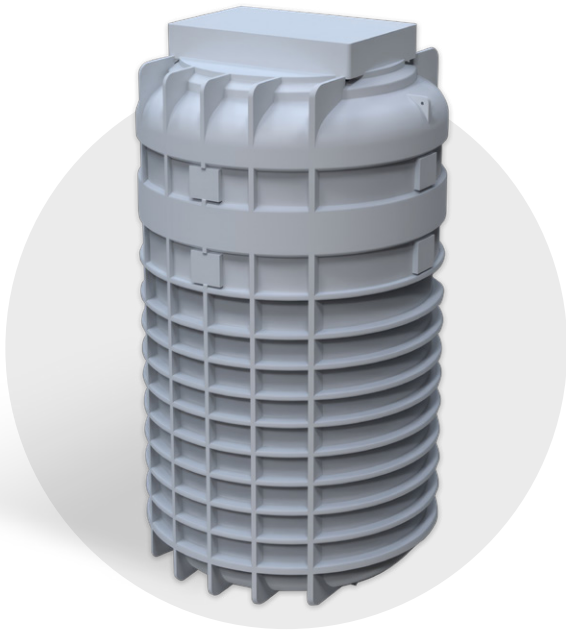
- Lightweight for easy handling and installation
- Portable and easy to transport
- **Acid-resistant and highly durable** designed for reliable, long-term use
- **Flexible installation options** can be installed above or below ground to suit site requirements

Applications

- **Hospitals and large healthcare facilities** effectively manages substantial wastewater from multiple sinks, showers, and equipment
- **Shopping centres and commercial complexes** handles extensive wastewater from food courts, restrooms, and retail operations
- **Industrial manufacturing plants** supports high wastewater volumes from production lines and cleaning processes
- **Multi-storey residential or commercial buildings** ideal for centralised waste management where gravity drainage is insufficient
- **Municipal parks and recreational areas** manages wastewater from public restrooms, especially in high-traffic zones
- **Large caravan parks or resorts** suitable for multiple amenities across extensive sites
- **Educational institutions and campuses** handles wastewater from multiple restrooms, kitchens, and science labs
- **Residential** Stormwater pump wells and sewer pump out stations, especially where gravity flow is impractical due to elevation, or in a Knock down rebuild applications.

Operating Limits

Model	Description	Length (mm)	Height (mm)	Width (mm)	Weight (kg)
HPS2000A	2000 litre vessel Above Ground Class A lid	1380	1760	1380	150
HPS2000B	2000 litre vessel Below Ground Class B lid	1380	1760	1380	206
HPS2000D	2000 litre vessel Below Ground Class D lid	1380	1760	1380	265
HPS2000AP	2000 litre vessel w/ CLA Pedestrian Lid	1380	1760	1380	165



HPS3000

3000 LITRE PUMP STATION

Model numbers:

HPS3000A, HPS3000B, HPS3000D, HPS3000AP

Features

- Made from polyethylene – acid-resistant and durable
- Lightweight and easy to transport
- Can be installed above or below ground to suit site requirements
- Single, dual and triplex pump application available.

Applications

- **Large commercial and industrial facilities** effectively manages significant wastewater volumes from manufacturing processes, kitchens, and restrooms
- **Municipal wastewater management** supports community-level sewage and greywater systems, especially in rural or developing areas
- **Shopping malls and large retail centres** handles extensive wastewater from numerous food outlets, restrooms, and service areas
- **High-rise buildings and residential complexes** ideal for centralised waste management where gravity flow is impractical due to elevation
- **Caravan parks and holiday resorts** supports facilities with extensive amenities, including showers, toilets, and laundry services
- **Public event venues and stadiums** manages large volumes of wastewater during events, ensuring efficient drainage of restrooms and concessions
- **Agricultural facilities** used in livestock operations or food processing plants to manage wastewater effectively
- **Residential** Stormwater pump wells and sewer pump out stations, especially where gravity flow is impractical due to elevation, or in a Knock down rebuild applications.

Operating Limits

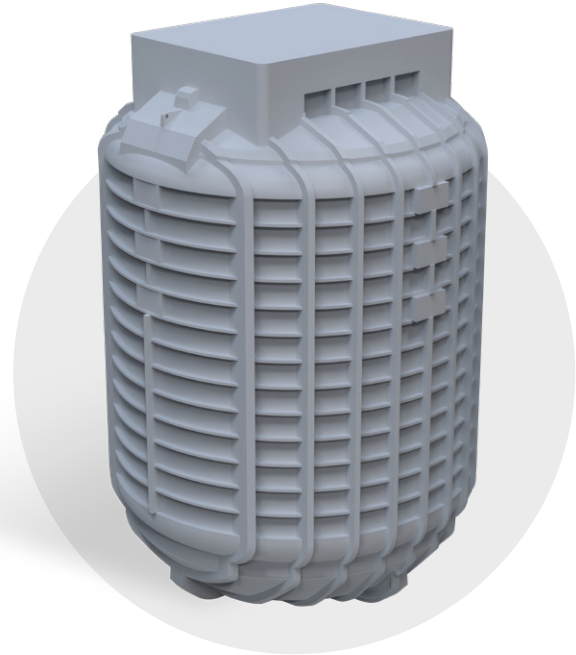
Model	Description	Length (mm)	Height (mm)	Width (mm)	Weight (kg)
HPS3000A	3000 litre vessel Above Ground Class A lid	1430	2490	1430	225
HPS3000B	3000 litre vessel Below Ground Class B lid	1430	2490	1430	281
HPS3000D	3000 litre vessel Below Ground Class D lid	1430	2490	1430	340
HPS3000AP	3000 litre vessel w/ CLA Pedestrian Lid	1430	2490	1430	245

HPS6000

6000 LITRE PUMP STATION

Model numbers:

HPS6000A, HPS6000B, HPS6000D, HPS6000AP



Features

- Polyethylene material making it lightweight for easy handling and installation
- Portable and easy to transport
- Acid-resistant and highly durable – designed for reliable, long-term use
- Flexible installation options – can be installed above or below ground to suit site requirements
- Single, dual and triplex pump application available.

Applications

- **Municipal wastewater treatment plants** handles substantial sewage and greywater flows from communities
- **Large industrial operations** supports high-capacity facilities like factories, breweries, and food processing plants that generate significant wastewater
- **Commercial complexes and shopping centres** manages extensive wastewater from multiple restaurants, restrooms, and service areas
- **High-density residential developments** suitable for multi-storey buildings or complexes with large centralised waste management needs
- **Public facilities and recreational areas** ideal for managing wastewater in parks, sports complexes, and event venues with heavy foot traffic
- **Agricultural facilities** used for managing runoff and waste from large-scale farming operations or livestock housing
- **Residential** Stormwater pump wells and sewer pump out stations, especially where gravity flow is impractical due to elevation, or in a Knock down rebuild applications.

Operating Limits

Model	Description	Length (mm)	Height (mm)	Width (mm)	Weight (kg)
HPS6000A	6000 litre vessel Above Ground Class A lid	1910	2760	1910	450
HPS6000B	6000 litre vessel Below Ground Class B lid	1910	2760	1910	506
HPS6000D	6000 litre vessel Below Ground Class D lid	1910	2760	1910	565
HPS6000AP	6000 litre vessel w/ CLA Pedestrian Lid	1910	2760	1910	465



Horizontal Industrial

Pump Stations 8500 to 52,000 LITRE

Model numbers

HPSR8500 / HPSR12000 HPSR16000 /
HPSR20000 / HPSR23500 HPSR27000 /
HPSR30500 / HPSR34000 HPSR38000 /
HPSR41500/ HPSR45500
HPSR49000 / HPSR52500

Features

- For underground installation and above ground
- Available in volumes from 5.000 to 52.500 litres
- Double-walled - especially robust
- Components completely pre-assembled
- Made of HDPE - lower weight than concrete and steel
- Food-safe material
- Maximum load: can be driven over by a truck (SLW 30 - 11,5 tons axle load)
- Groundwater-stable up to body centre
- Available with additional access manhole as inspection shafts from to 8.500 litres upward

Applications

- **Municipal wastewater treatment facilities** managing large quantities of sewage and greywater from urban areas or communities
- **Heavy industrial operations** supporting manufacturing plants, refineries, and chemical processing facilities that generate substantial wastewater volumes
- **Mining operations** used for dewatering and managing wastewater from mining sites, including runoff and process water
- **Power generation plants** handling cooling water and wastewater from electrical generation processes
- **Food and beverage processing facilities** managing high volumes of effluent from production, cleaning, and sanitation processes
- **Large-scale agricultural operations** handling wastewater and runoff from livestock farms or large crop processing facilities
- **Commercial developments** supporting high-capacity shopping centres, hotels, and mixed-use developments with extensive wastewater management needs
- **Stormwater management systems** used to control and manage large volumes of stormwater runoff in urban environments or flood-prone areas
- **Public utilities and infrastructure projects** ideal for large construction projects requiring efficient wastewater management systems

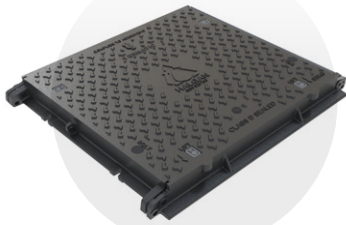


Operating Limits

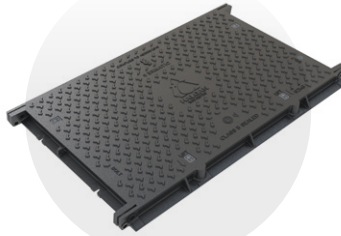
Model	Length (mm)	Height (mm)	Width (mm)	Weight (kg)	Volume (litres)
HPSR8500	3670	2680	2020	500	85000 litres
HPSR12000	5020	2680	2020	690	12000 litres
HPSR16000	6370	2680	2020	880	16000 litres
HPSR20000	7720	2680	2020	1070	20000 litres
HPSR23500	9070	2680	2020	1260	23500 litres
HPSR27000	10420	2680	2020	1450	27000 litres
HPSR30500	11770	2680	2020	1640	30500 litres
HPSR34000	13120	2680	2020	1830	34000 litres
HPSR38000	14470	2680	2020	2020	38000 litres
HPSR41500	15820	2680	2020	2210	41500 litres
HPSR45500	17170	2680	2020	2400	45500 litres
HPSR49000	18520	2680	2020	2590	49000 litres
HPSR52500	19870	2680	2020	2780	52500 litres

*** Dimensions do not include connections, pipework, access lid, pumps or internals.
This can vary depending on pump selection.

Covers



ES0606DHG



ES0906BHG

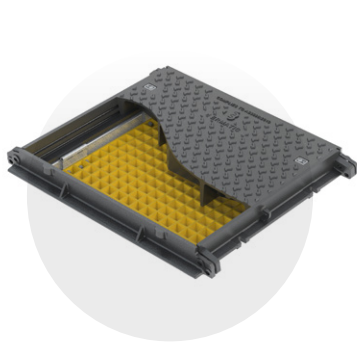
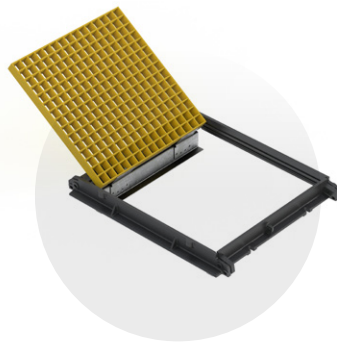
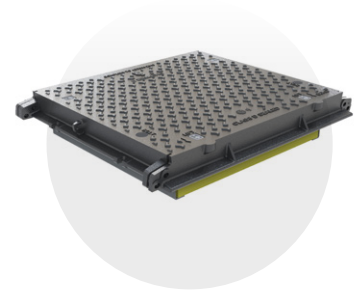


TP800D

Load classifications of covers and grates - AS3996: 2019

Class	Typical Issue	Nominal Wheel Loading kg	Serviceability Design Load kN	Ultimate Limit State Design kN
A	Areas accessible strictly by pedestrians. Not suited to vehicles. Purpose - residential backyards. Walkways not accessible by vehicles.	330	6.7	10
B	Private and shared residential property. Suitable for vehicles accessing driveways and footways. Low speed only. Purpose - residential driveways. Unit sites. Parklands. Residential car parks.	2,670	53	80
C	Residential roads and car parks trafficable to vehicles. Purpose - areas with slow moving traffic and minor roads.	5,000	100	150
D	Major roads including freeway and motorway shoulders. Warehouses and loading docks. Purpose - major roads.	8,000	160	240
E	Freeway and motorway carriageways. Suitable for all heavy vehicles. Purpose - freeways and motorways.	13,700	267	400
F	Docks, wharfs and airport service and taxiways. Purpose - heavy and high traffic volumes.	20,000	400	600
G	Docks, wharfs and airport runways. Purpose - heavy and high traffic volumes.	30,000	600	900

Notes: 1. Nominal wheel loads are given for guidance only. Consideration should be given to the type, size and pneumatic pressure of the load applied. 2. Class B design load exceed AS 5100.2 requirements for footway loads. 3. Class D design loads exceed AS 5100.2 requirements for a W80 wheel load. 4. Class C units are based on an intermediate load. 5. The ultimate limit state load is 3 times the nominal wheel load and 1.5 times the serviceability load.


ES0606DS

ES0606DS

ES0606DSG

	Model	Clear Opening (mm) Width x Length	Frame Height (mm)	Mass (kg)	AS3996 Class
Solid Top - Machined	LA66B	600x600	55	56	B80
	LA96B	900x600	55	84	B80
	LA99B	900x900	55	110	B80
	LA66DT	600x600	100	115	D240
	LA96DT	900x600	100	155	D240
	LA99DT	900x900	100	213	D240
Civil Products	LA60B SEWER / STORMWATER	600	50	42	B80
	LA60B PLAIN / INFILL	600	50	42	B80
	LA60D SEWER / STORMWATER	600	75	68	D240
Infill - Machined	A66B	600x600	55	56	B80
	A96B	900x600	55	84	B80
	A99B	900x900	55	110	B80
	LA66DT	600x600	100	115	D240
	LA96DT	900x600	100	155	D240
	LA99DT	900x900	100	213	D240

Vertical Industrial

Pump Stations 10,000 TO 20,000 LITRES

Model numbers

HPSR10000 / HPSR15000/ HPSR20000

Features

- Designed for both vertical underground and above-ground installation
- Available in capacities ranging from 10,000 to 20,00 litres
- Double-walled construction for enhanced durability
- Fully pre-assembled components for quick installation
- Constructed from HDPE, offering a lighter alternative to concrete and steel
- Made from food-safe materials

Applications

- **Municipal wastewater treatment facilities:** Effectively manage large volumes of sewage and greywater from urban communities
- **Heavy industrial operations:** Support manufacturing plants, refineries, and chemical processing facilities with significant wastewater production
- **Mining operations:** Dewater and manage runoff and process water from mining sites
- **Power generation plants:** Handle cooling water and wastewater generated by electrical generation processes
- **Food and beverage processing:** Manage high volumes of effluent resulting from production, cleaning, and sanitation
- **Large-scale agriculture:** Address wastewater and runoff issues from livestock farms and extensive crop processing
- **Commercial developments:** Cater to the wastewater management needs of large shopping centres, hotels, and mixed-use developments
- **Stormwater management systems:** Control and manage substantial stormwater runoff in urban areas or regions prone to flooding
- **Public utilities and infrastructure projects:** Provide efficient wastewater management solutions for large construction initiatives

Operating Limits

Model	Length (mm)	Height (mm)	Width (mm)	Weight (kg)	Volume (litres)
HPSR10000	2020	3760	2020	600	10000 litres
HPSR15000	2020	5105	2020	730	15000 litres
HPSR20000	2020	6455	2020	860	20000 litres

*** Dimensions do not include connections, pipework, access lid, pumps or internals. This can vary depending on pump selection.



Customised Pumps and Pump Stations

ACCESSORIES/GUIDE RAIL PAGE

We offer a full range of customised pumps and pump stations, designed to meet the unique needs of each project. Our solutions are tailored to ensure optimal performance, efficiency, and reliability, for all applications.

Custom Pump Design: We work with clients to choose the pump selection that is best suited to specific applications. Our pump range comes in various configurations to handle different flow rates, pressures, and operating conditions.

Tailored Pump Stations: We design pump stations that are fully integrated with the right pumps, controls, and monitoring systems. Our stations can be configured with a variety of features, including automated controls, remote monitoring, and alarm systems, ensuring seamless operation and minimal downtime.

Engineering Expertise: Our team of engineers ensures that each pump and station is designed for durability and efficiency, adhering to industry standards and regulations. We also offer ongoing support and maintenance to ensure your systems continue to perform at their best.

By offering bespoke solutions, we provide pump stations that are not only tailored to specific requirements but also scalable for future needs, ensuring long-term reliability and cost-efficiency.

1. Guide Rail Options

Guide rails help securely support and guide the pumps into place, allowing for easier maintenance and safe removal. They also ensure proper alignment and stability of the pumps within the station, preventing potential damage to the equipment.

Options:

- **Stainless Steel Guide Rails:** Durable and corrosion-resistant, ideal for harsh environments like sewage or wastewater stations.
- **Galvanised Steel Guide Rails:** A more cost-effective option, still providing good corrosion resistance but less than stainless steel.
- **Polymer-Coated Guide Rails:** These can be a good option for a lower maintenance requirement, offering protection against corrosion in non-sewage applications.
- **Adjustable Rails:** Allow for flexibility in pump installation and maintenance, making it easier to swap out pumps without repositioning the whole setup.



2. Floats

Float switches monitor the water level and trigger the pump operation when required. They prevent the pump from running dry (which can damage the motor) or flooding the area. Floats typically come with a range of cable lengths to suit different pump station depths. Our standard sizing is 10 metres and 20 metres.

Options:

- **Single Float Switches:** For basic level control in smaller systems or where the pump station is relatively shallow.
- **Multiple Float Switches:** Used for more complex control needs, including high, low, and dry run protection.
- **Mechanical Floats:** Traditional and reliable, ideal for basic applications.
- **Electronic Float Switches:** More advanced, often offering better accuracy, durability, and longer lifespan.
- **Submersible Float Switches:** Designed for deeper installations (e.g., 10-20m depths), they are encased in water-tight housings and are suitable for use in both clean and dirty water.

3. Hi-Level Alarm Options

A high-level alarm raises an alert if the water level rises above a certain threshold, indicating a potential failure or blockage. It helps prevent overflows and provides early warning for maintenance needs. These alarms help ensure that the system is functioning correctly and that any issues are dealt with before they cause significant damage or environmental impact.

Options:

- **Visual Alarms (Flashing Lights or Beacon):** Easy to spot from a distance, these alarms provide a clear visual indication that attention is needed.
- **Audible Alarms (Horns or Sirens):** Common in industrial settings, these alarms provide sound alerts to grab attention in busy areas.
- **Remote Alarm Systems:** Alerts are sent directly to a mobile device or control room, allowing operators to respond quickly to issues, even if they're not on-site.
- **SMS or Email Notifications:** In modern systems, hi-level alarms can be connected to a monitoring system that sends automated messages to the relevant personnel, ensuring quick response times.

4. Control Panels

Control panels are the central point for managing the operation of a pump station. They allow operators to monitor and control the pumps, float switches, alarms, and other systems in the station. Having an appropriate control panel is essential for ensuring the efficient and safe operation of the entire pump station.

Options:

Basic Control Panels: Typically, these control panels have simple on/off controls and basic monitoring features. They are a cost-effective choice for smaller pump stations or less complex setups.

Advanced PLC Control Panels: These offer more sophisticated control options, including variable speed drives, remote monitoring, data logging, and alarm integration. Ideal for larger stations with complex control requirements.

Remote Monitoring Control Panels: Can connect to the cloud or a central monitoring system to allow operators to access control settings and system data remotely.

Control panels & alarms

Our range of Control Panel are supplied to Industry and Australian standards for all our projects. Hi / low level alarm systems. Single and Dual Pump controllers as standard, as well as Triple pump set controllers. IP55 as standard and IP64 in lockable cabinets as well as customised Control panels to suit your exact application.



Lockable control panels



Customised control panels

Pumps

Halgan offers a comprehensive range of pump products to suit your projects needs. Drainage, vortex, cutter, grinder pump in single and three phase, single a dual pump arrangements, guide rails, hi/low level alarms and control panels



Contact our Specialist Team for more information: 02 9939 8030



Sustainable Environmental Treatment Solutions

Australian Made and AS/NZS 1546.1-2008 Certified.





ACO Halgan Pty Ltd

CALL 1800 626 753

**Proudly Australian manufactured
for over 30 years**

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AN ACO GROUP COMPANY

