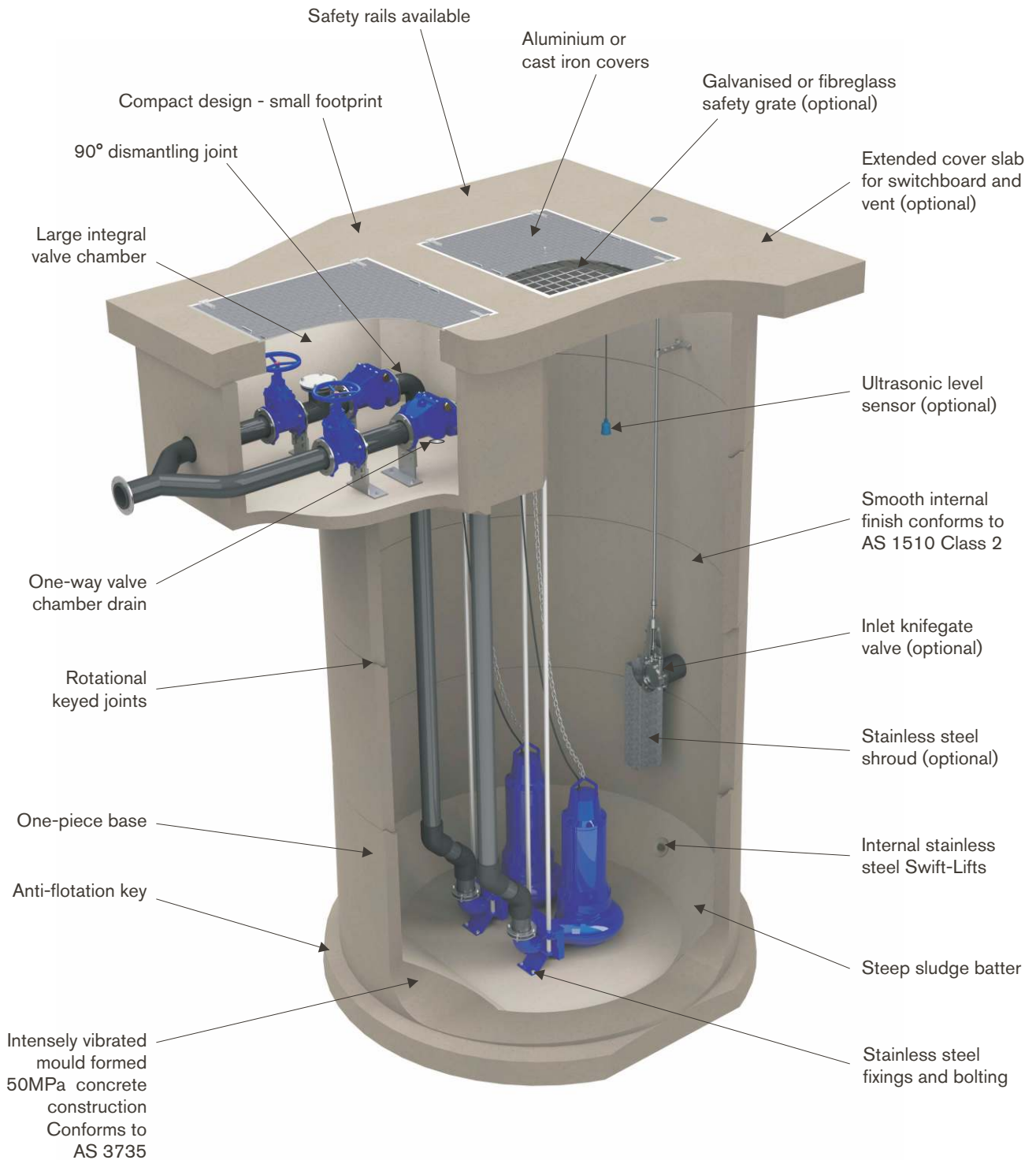


Features

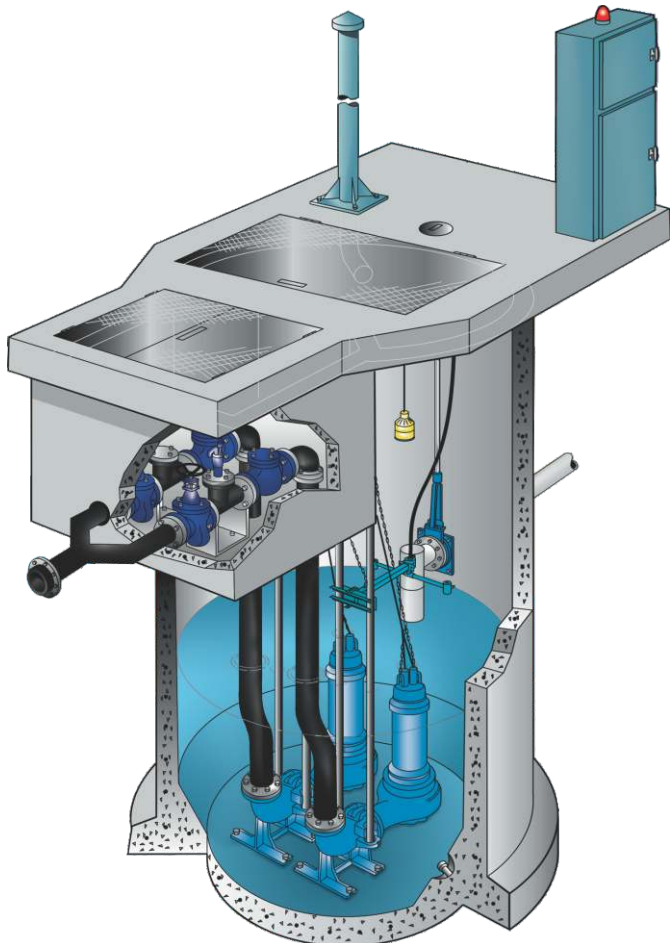


The Packaged Advantage

With the ever increasing cost of civil work and site labour, the proposal of having a pump station delivered to site as a complete package must appeal as an economic advantage, both cost and time wise, to engineers, civil contractors and local authorities alike.

Global Water has been actively engaged in developing a wide range of safety focussed alternative systems to suit the many and varied demands of the Australian market, where site conditions will not allow the gravity disposal of raw sewage, effluent, trade waste and stormwater.

Global Water is able to provide on-site commissioning of the pump station after installation is completed. Full after-sales backup is provided with a preventative maintenance program available on request.



The Global Water EnviroLift Precast Concrete Packaged Pumping Stations have been developed for use in multi-dwelling residential installations, commercial and industrial developments and common effluent schemes where twin pumps or larger storage volumes are required.

The EnviroLift pre-cast concrete pits are a unique, mould-formed chamber with a smooth, hard, impervious finish, specially designed to give superior life by combining high strength (50MPa) Sulphate Resistant (SR) cement and Calcareous Aggregate. Internal coatings or polyethylene linings are available as options.

Packages are approved by relevant Water Authorities round Australia, and comprise a pre-cast concrete holding tank in a range of sizes, single or dual submersible pumps with either a built-in float switches or control panel operated, and all internal pipework and valves. The unit can be supplied with pump stands and valves pre-assembled for simple on-site installation.

Pits can be supplied with integral valve chambers, fully sealed against ingress of liquid or gas, an innovation which further reduces capital cost, space requirements and on-site labour.

A complete range of pumps and specialised control panels are available to suit almost any requirement from effluent and sewage through to stormwater and trade waste.

The use of submersible pumps results in a more aesthetically pleasing installation with greater flexibility of location, significantly reduced noise and odour pollution, eliminates pump priming problems, and minimises the risk of vandalism.

Tech Data

EnviroLift™ MODEL NUMBER	PPS	PPM	PPL	PPG
Internal dimensions (mm)	1200 ²	Ø1820	Ø2250	Ø3200
Minimum chamber depth (m)	1.2	2.0	2.0	2.0
Maximum chamber depth (m)	5.0	10.0	10.0	15.0
Ext increments in multiples of (mm)	300	250	250	250
Minimum increment size (mm)	300	300	300	500
Integral valve chamber - size (m)	-	1.2 x 1.2	1.5 x 1.5	2.2 x 1.8
Min depth chamber capacity (L)	1700	4500	7000	14000
Capacity/extra metre of depth (L)	1450	2600	4000	8000
Maximum pipework size (mm)	100	150	200	300

EnviroLift™ Plus Pump Station

The Global Water EnviroLift Plus Pumping Station represents the highest standards of safety while greatly reducing operational and maintenance costs. The EnviroLift Plus Pumping Station conforms to all OH&S requirements and is designed to eliminate routine confined space entries.

The concept has received recognition from both the OH&S industry and Water Authorities as setting new standards in safety and serviceability. Not only have the hazards of pump station maintenance been significantly reduced, but by carefully addressing all aspects of station design, pump station reliability has been greatly improved, reducing operating costs dramatically.

Accessories

- Auto Well Washers - automatic station cleaning
- Vent Filters - reduce nuisance odour
- Ballcheck Valves - reduce blockage potential
- Flow Metering - monitor station usage
- Lifting Arm Socket - simplify maintenance procedure
- Internal Linings - corrosion protection
- Fold-away Railing - ultimate safety

Controls

Global Water is able to supply and commission complete control systems including all switchgear and telemetry equipment to provide complete station control.

Kwikstart™ Control Systems are designed and manufactured to the highest standard to achieve optimum protection of equipment, reliability of service, fault diagnostics, operational ease and simplified maintenance procedures.

The following options are available for all control systems:

- Ultrasonic or Probe Sensor Level Control
- Aluminium or stainless steel cubicle
- Hour Run and Start Count
- Provision for Power Authority metering
- Alarm Telemetry - dialler or radio
- Web-based monitoring

