



all pump solutions

Pumps & packaged pumpstations





all pump solutions cater for a wide range of applications involving pumpstations and pumping systems

Packaged pumpstations

Today's fast-track building methods and the need for off-site fabrication have resulted in an increased need for packaged pumping stations.

All Pump Solutions combine the forty years experience of SPEL Products in the water and wastewater industry, with renowned pumps to offer the ultimate packaged pump solution.

APS design complete pumping systems which are manufactured and assembled in our factory and delivered to site ready to be placed in a suitable excavation and connected to the relevant drainage pipework.

A simple commissioning service is all that is necessary for the system to be put into operation.

APS make the whole process of ordering a pump station through to installation very simple and cost effective for our customers.



"Quality pumps and chambers that offer the ultimate packaged pump solution, whatever your needs."

Applications



- Housing and residential
- Power stations
- Industrial
- Retail
- Airports
- Rail transportation and infrastructure
- Firefighting
- Sports and leisure facilities



all pump solutions manufacturing standards – a commitment to quality



Our GRP pumping stations are manufactured to BS 4994 under a strict quality control system with checks at all stages of construction. The chop-hoop filament winding process produces not only circumferential strength but also strong longitudinal strength.

This method means that shells can be cut for manholes and pipework without any undue loss in strength and ensures that deep burial depths can be safely accommodated. After a long evaluation process, our package pump systems have been awarded the coveted WRc approval which signifies compliance with BS EN 752-6 for pump stations and **Sewers for Adoption 6th edition**.

Our laminate construction

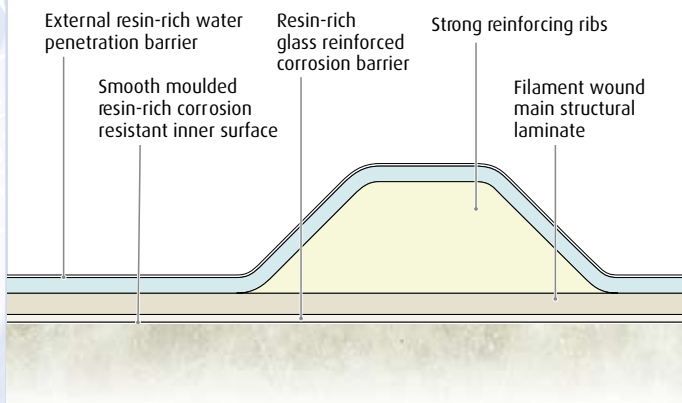
Chop-hoop filament wound shells

Our laminate construction provides complete protection of the structural filament wound laminate from water/chemical penetration.

None of the features below are present in our competitors sample.

Laminate construction.
UK patent number 2233384

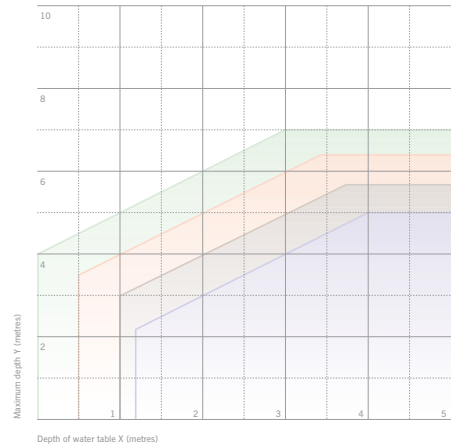
Competitors laminate



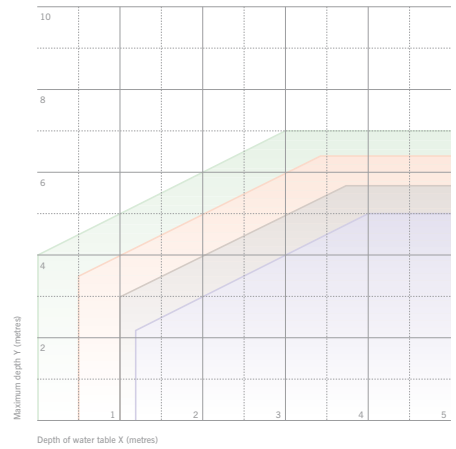
V-Series burial depths

• Built to withstand your specific ground conditions

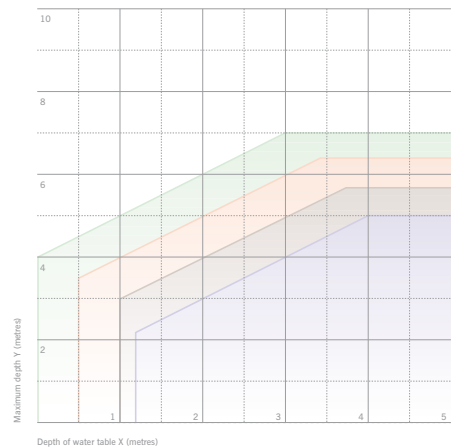
300 series – concrete surround



400 series – concrete surround



500 series – concrete surround

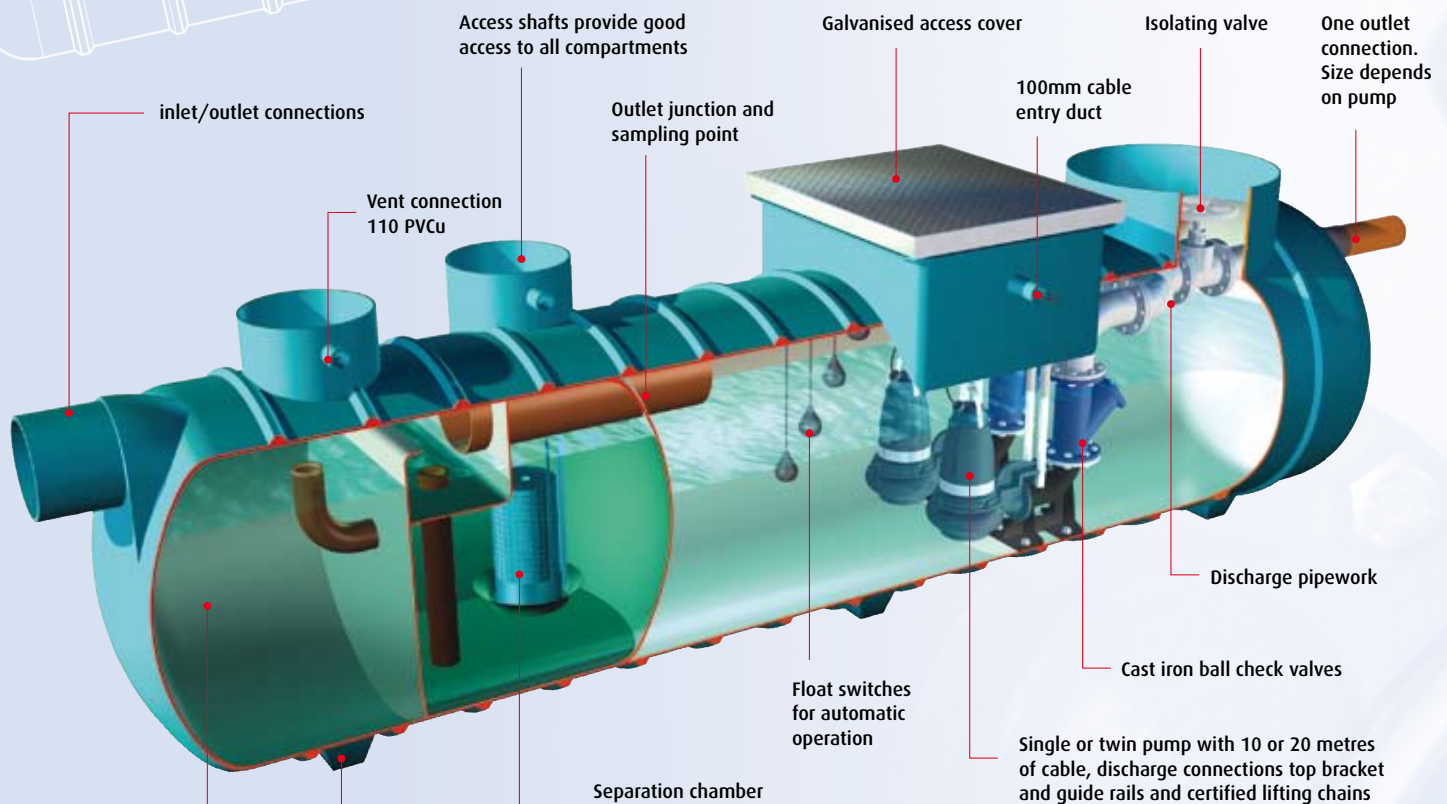
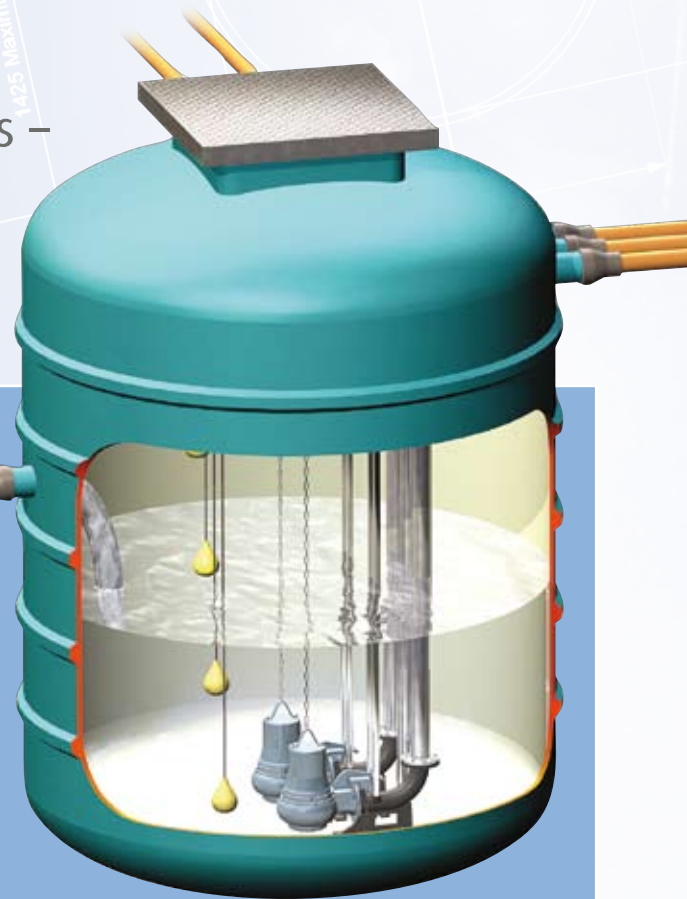
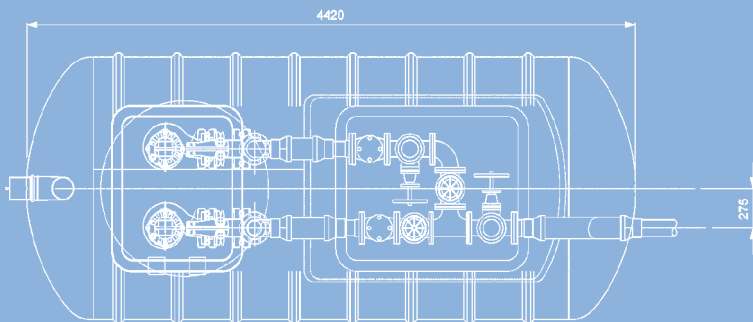


Advanced packaged pumping stations – all pump solutions unique systems

British Patent No: 01713495.0

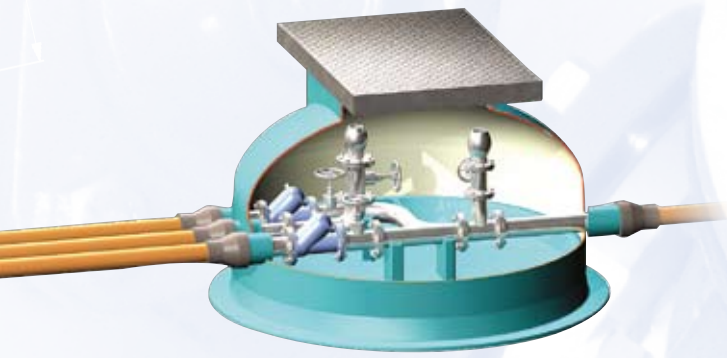
Pump arrangements

Pumps can be mounted on a guide rail system with automatic connection to the discharge elbow, which is all pre-assembled to the pipe-work. Alternatively the pumps can be free standing. Cast iron valves can be incorporated into the chamber or in a separate valve chamber for ease of maintenance.



Septapump®

Unique concept of combined by pass separator and pumping station. Used for the Birse Rail, Rugeley, by-pass project Dual Stormceptor 315C1/SC with integrated pump chamber.



Packaged pumpstation with separate valve chamber



Control panels are available in a multitude of combinations and range from a simple one pump starter to a full sewers for adoption control station. Our most popular model which can be either single or dual pump and contains isolator, hand/off/auto switch, pump run and trip lamps, ammeter and hour meter and high level alarm signal.

Kiosks are available in GRP or mild steel. These are fully weatherproof and come in a variety of sizes. They have a plywood backboard for mounting the equipment or control panel and have a Yale lock as standard. Optional extras include a vision panel, heater and a generator catflap.

Ultrasonic level measurement is the ideal method of controlling pump operation in a typical wet well installation. In its simplest form, it can operate a single pump and raise a high level alarm. However, it can also be used to run a complete pumping station of 2 or 3 pumps and be programmed to carry out a vast number of options, including pump down on a daily basis to remove sludge build-up and to monitor performance.

Integrapump®

- Exclusive design of a one piece station and separate valve chamber guarantees against seepage and leakage
- Prefactory-fitted, stringent quality control and monitored checks at each stage of process
- Ease of maintenance – efficient, clean low cost
- Stainless steel one piece sleeved outlet

British Patent No: 01713495.0



A range of WRc approved and horizontal pumping stations



APS Mini range option

900mm dia. x 1960mm deep

APS Vertical range options – V series

Series V200 1200mm dia. x 1m to 4m deep

Series V300 1800mm dia. x 2m to 6m deep

Series V400 2600mm dia. x 2m to 7m deep

Series V500 3500mm dia. x 3m to 8m deep

Series V600 4000mm dia. x 3m to 8m deep

APS Horizontal range options – H series

Series H300 1800mm dia. x 3m to 16m long

Series H400 2600mm dia. x 4m to 17m long

Series H500 3500mm dia. x 7m to 21m long

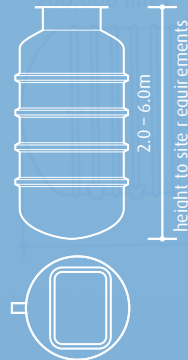
Series H600 4000mm dia. x 8m to 22m long

APS custom pumping stations vertical range

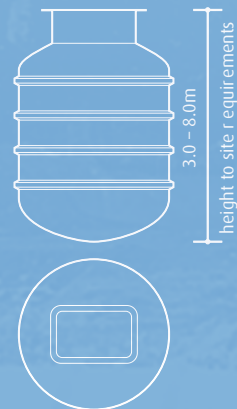
Series V200 1200mm dia.



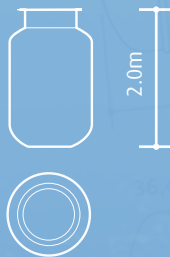
Series V300 1800mm dia.



Series V400 2600mm dia.,
Series V500 3500mm dia.,
and Series V600 4000mm dia.



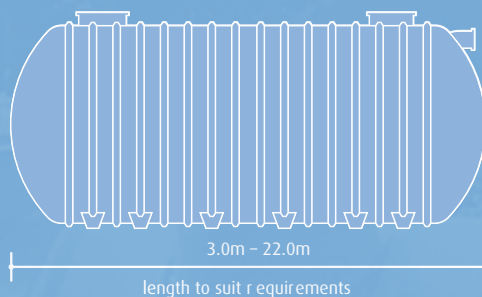
APS Mini range
900mm dia.



APS Mini dual pump range
1200mm dia.

APS custom pumping stations horizontal range

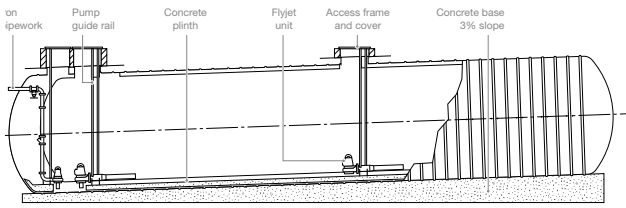
Series H300 1800mm dia., Series H400 2600mm dia.,
Series H500 3500mm dia. and Series H600 4000mm dia.



“Our selection of tanks is unmatched, with a vast choice of sizes and capacities always available.”

Excavation details (mm)	Series 100/200	Series 300	Series 400	Series 500	Series 600
Minimum hardcore thickness – dependent upon ground conditions	150	200	250	300	300
Concrete base slab thickness	150	150	220-240	240-300	250-300
Concrete surround – dependent upon ground conditions	100-150	150	200-250	250-300	250-300
Maximum initial water fill depths prior to backfilling	200	300	400	500	500
Tank internal diameters	1200	1800	2600	3500	4000
Tank external diameter including ribs	1225	1875	2700	3650	4150

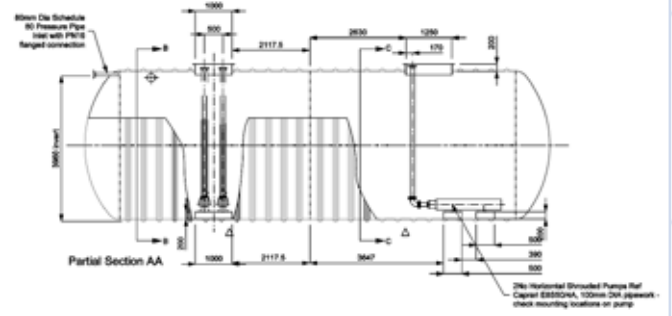
Denby Pottery



Denby Pottery, Derbyshire needed storage for its waste effluent, in which the solids would be maintained in suspension, prior to being pumped to a new treatment plant. An APS 600 Series Underground Tank of 260,000 litres capacity, with incorporated Flyjet solids re-suspending pumps suited their needs perfectly.



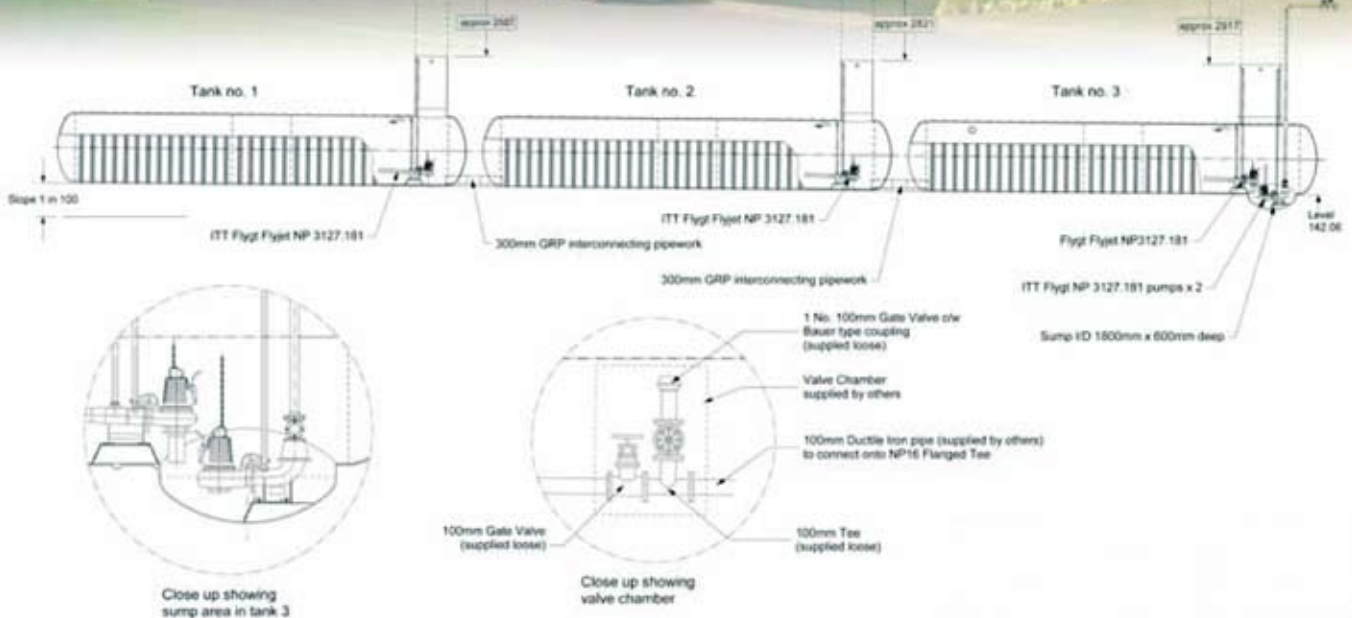
Rockingham Race Track



Rockingham Race circuit required large water storage and 4no large submersible pumps to feed the wet grip facility.



Whittlebury Hall



The complete service from design to installation, **all pump solutions** can deliver

- fast, friendly service
- family owned company
- assistance with pump selection
- system planning and design
- highest quality approved products
- low maintenance and running costs
- competitive pricing
- commissioning
- after sales service
- service contracts



all pump solutions

Ennerdale Road, Shrewsbury, England SY1 3LD
Telephone: +44 (0)1743 465463 Fax: +44 (0)1743 452050
Email: sales@allpumpsolutions.com

