

PACKAGE PUMPING STATIONS

"Good Pumping System selection is critical to ensure that our customers enjoy optimum life and performance from their Package Pumping Station.

The selection process for a pumping system is complex and our trained engineers, with the aid of the latest computer systems are able to look at the best options for your specific application. Some several hundred calculations are made for each selection to ensure that the pumping system selected has the optimum efficiency, reliability and compliances. The following questionnaire will help us make the best selection."

QUESTIONNAIRE

To enable us to select the correct equipment for your scheme, please complete this short questionnaire, and send to us. We will send our quotation by return.

YOUR SITE DATA

Site/scheme name

a) Depth from ground level to inlet invert **mm**

b) Difference in level between inlet level and discharge into outfall chamber **mm**

b1) Highest point of rising main (if higher than discharge of rising main) **metres**

c) Total distance from pump chamber to outfall chamber **metres**

d) Rising main internal diameter **mm**

e) Rising main material

f) Fluid to be pumped

Sewage Drainage Storm Water

Other (please specify)

Inflow volume **l/s** Surface area to be collected **m²**

g) Pumping capacity required **l/s**

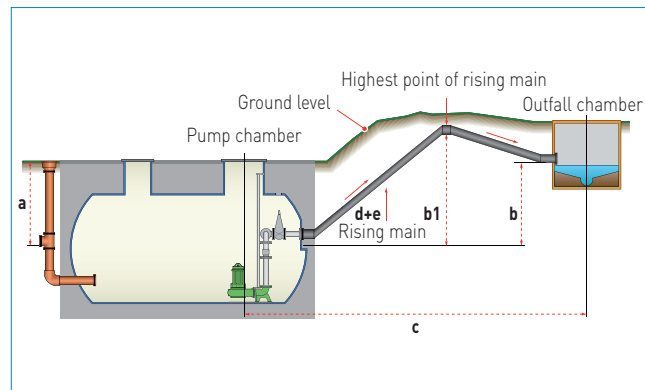
Max. number of occupants

or number/type of property

h) Electrical power supply available 230V 1Ph 400V 3Ph

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i) Kiosk for control panel required Yes No

If 'Yes', will the electricity meters be housed in kiosk? Yes No

j) Access covers loading Pedestrian Vehicle not highway

Road going highway rated

k) Telemetry monitoring Yes No

If 'Yes', Landline Mobile phone technology

l) Will the pumping station be adopted? Yes No

m) If 'Yes', who is the adopting authority?

Other information

YOUR CONTACT DETAILS

Company name

Name

Job title

Address

Postcode

Tel

Fax

e-mail

Please tick if you don't want to receive any future T-T PUMPS, T-T Controls or Aquaflow information.

By completing the questionnaire you give T-T permission to hold your details on file, this will not be passed to a third party.



Uniclass L7316	EPIC J312
CI/SIB 52	X



XL & XXL Planet® Range

PACKAGE PUMPING STATIONS FOR SURFACE WATER & SEWAGE



XL & XXL Planet® Range

PACKAGE PUMPING STATIONS

The **XL & XXL Planet® Range of Package Pumping Stations**, designed and manufactured by T-T PUMPS, provide an efficient and economical way of installing a sewage/drainage pumping station.

- Designed and manufactured in the UK.
- Pump stations are well engineered and manufactured, and have passed rigorous and detailed testing, site inspections and factory production control assessment.
- XL & XXL Planet® Package Pumping Stations are designed for use in domestic, commercial or industrial schemes.
- Each pump chamber is made of strong GRP.
- Smooth internal walls aid the hygienic disposal of effluent, to avoid smells and septicity.
- Packages come complete with pipework pre-assembled in the chamber, ready for installation into the ground, after which the pumps and control equipment are added.
- All Package Pumping Stations are supplied with controls for fully automatic operation, and a high level alarm indicator as standard.
- Units can be adapted to suit individual requirements at manufacturing stage.
- Packages are available on short lead-times to fit in with tight construction schedules.
- A comprehensive instruction manual is provided.

A wide range of submersible pumps can be used for the Package Pumping Stations; we are able to select these from T-T PUMPS complete range, in order to match your requirements.

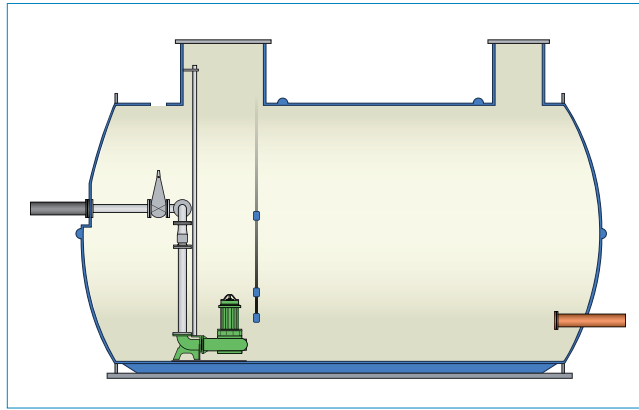
IMPORTANT

The information given in this publication is for your initial guidance.

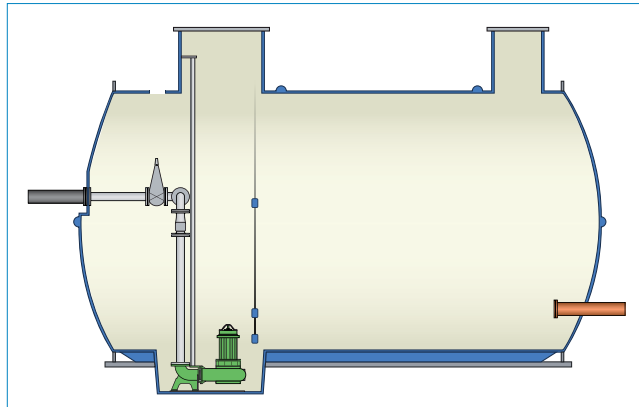
For each scheme, general arrangement drawings are issued on receipt of order. For your further assistance, more comprehensive details are available, and we will be pleased to provide additional information and advice.

Our aim is to provide you with a completely satisfactory solution for your pumping needs.

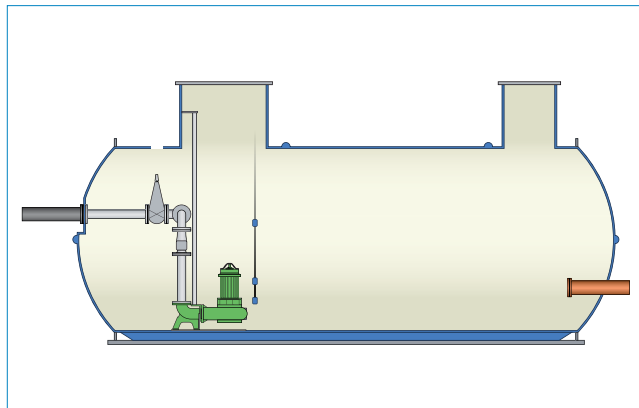
XL SHALLOW SUMP



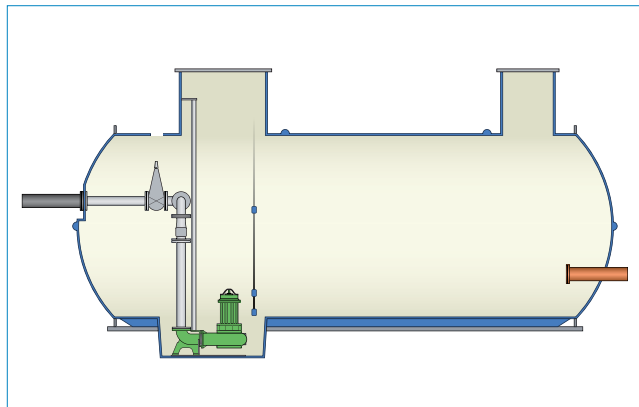
XL WITH PUMP SUMP



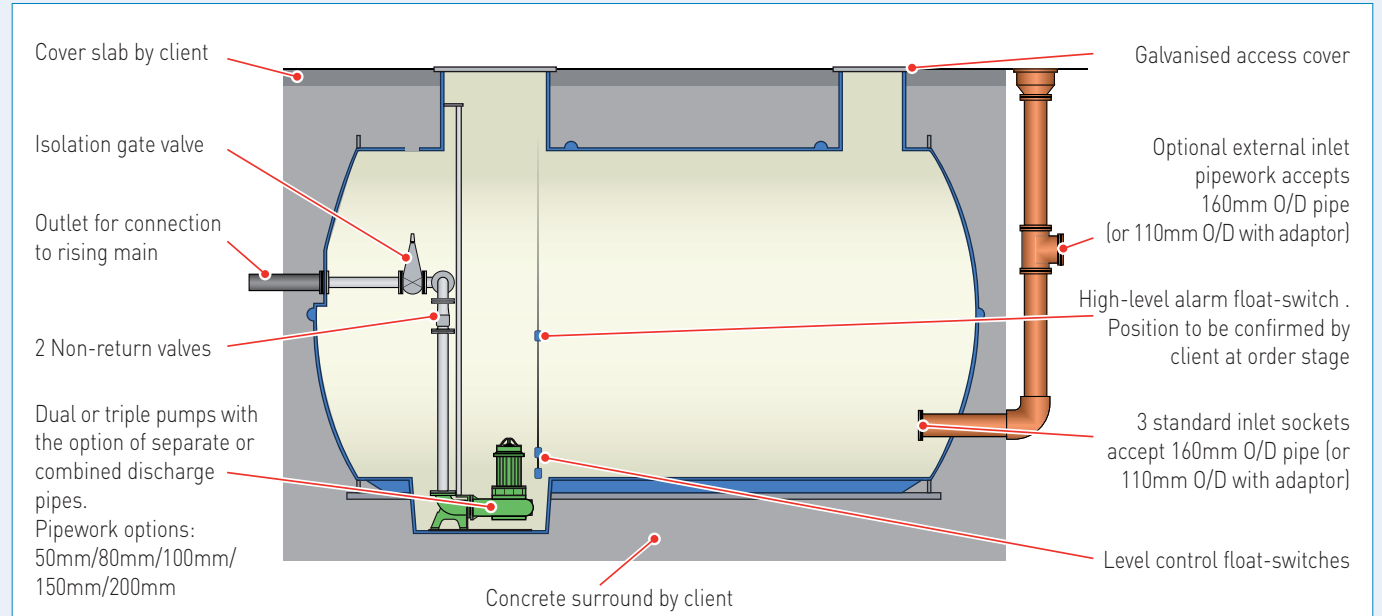
XXL SHALLOW SUMP



XXL WITH PUMP SUMP



TYPICAL DUAL PUMP PACKAGE PUMPING STATION

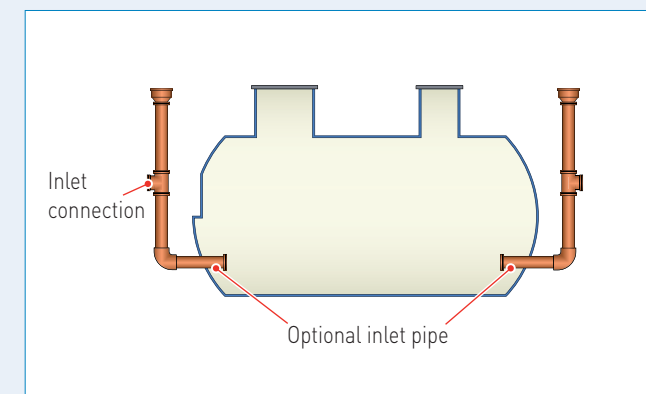


T-T Controls PANELS/STARTERS

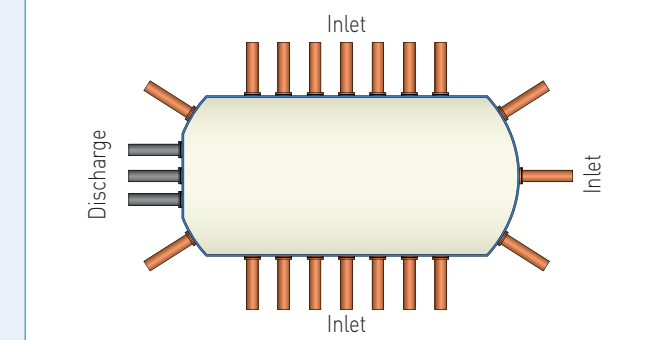
All Package Pumping Stations include high-level alarm indicator via float switch in pump chamber. Automatic level control operation is provided, with float-switches separately suspended. Alternative level systems, such as non-contact ultrasonic sensors, are provided to special order.

Depending on the exact requirements for each site, our T-T CONTROLS Division can design and manufacture control panels to your specification together with isolators, switch-fuses and electrical equipment as necessary. Kiosk housings, for control panels and electricity meter installation, are available for sites where no suitable building exists.

Model ref	Chamber Size Litres	Internal Diameter mm	Internal Length mm	External Diameter mm	External Length mm	Shallow Sump Height mm	With Pump Sump Height mm
XL	10000	2200	3100	2400	3300	2600	2900
XL	12500	2200	3750	2400	3950	2600	2900
XL	15000	2200	4420	2400	4620	2600	2900
XL	17500	2200	5070	2400	5270	2600	2900
XL	20000	2200	5730	2400	5930	2600	2900
XL	22500	2200	6390	2400	6590	2600	2900
XL	25000	2200	7050	2400	7250	2600	2900
XL	27500	2200	7710	2400	7910	2600	2900
XL	30000	2200	8370	2400	8570	2600	2900
XL	35000	2200	9680	2400	9880	2600	2900
XL	40000	2200	1100	2400	11200	2600	2900
XXL	25000	3200	3760	3450	4010	3650	3925
XXL	30000	3200	4390	3450	4640	3650	3925
XXL	32500	3200	4700	3450	4950	3650	3925
XXL	35000	3200	5010	3450	5280	3650	3925
XXL	37500	3200	5320	3450	5570	3650	3925
XXL	40000	3200	5630	3450	5880	3650	3925
XXL	42500	3200	5940	3450	6190	3650	3925
XXL	45000	3200	6250	3450	6500	3650	3925
XXL	47500	3200	6560	3450	6810	3650	3925
XXL	50000	3200	6870	3450	7120	3650	3925
XXL	55000	3200	7500	3450	7750	3650	3925
XXL	60000	3200	8120	3450	8370	3650	3925
XXL	65000	3200	8740	3450	8990	3650	3925
XXL	70000	3200	9370	3450	9620	3650	3925
XXL	75000	3200	9990	3450	10240	3650	3925
XXL	80000	3200	10610	3450	10880	3650	3925
XXL	85000	3200	11230	3450	11480	3650	3925
XXL	90000	3200	11850	3450	12100	3650	3925



CONNECTION POSITIONS FOR ALL STANDARD PUMP CHAMBERS



T-T Service

To ensure continued maintenance of your Package Pumping Station, we recommend that you enter into a Service Contract, which will provide periodic service visits, and repairs if necessary.

Full service and repair facilities, on-site and works-based are available, with spares stock-holding. Both electrical and mechanical work is undertaken.

NOTES

Client is responsible for the civil installation process. We offer a full commissioning service if required. Client must install inlet pipework as shown in our recommended inlet pipe stack assembly illustration above - this is available as an option; three inlet sockets are provided as standard on the XL & XXL pump chambers. Client to confirm inlet positions at order stage.

Inlet point must allow for sufficient fall on client's incoming drainage pipe; also must provide adequate storage capacity in pump chamber and avoid excessive starting frequency of pumps.