

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

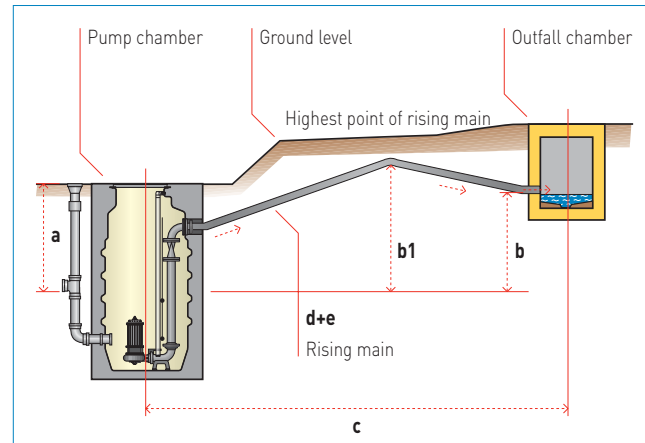
To enable us to select the correct equipment for your scheme, please complete this short questionnaire, and send to us. We will send our quotation by return.

YOUR SITE DATA

Site/scheme name	
<input type="text"/>	
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 <input type="checkbox"/>	Drainage <input type="checkbox"/>
Storm Water <input type="checkbox"/>	
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 <input type="checkbox"/>	400V 3Ph <input type="checkbox"/>

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i) Kiosk for control panel required	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If 'Yes', will the electricity meters be housed in kiosk? Yes <input type="checkbox"/> No <input type="checkbox"/>		
j) Access covers loading	Pedestrian <input type="checkbox"/>	Vehicle not highway <input type="checkbox"/>
Road going highway rated <input type="checkbox"/>		
k) Telemetry monitoring	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If 'Yes', Landline <input type="checkbox"/> Mobile phone technology <input type="checkbox"/>		
l) Will the pumping station be adopted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
m) If 'Yes', who is the adopting authority?		
<input type="text"/>		
Other information		
<input type="text"/>		

YOUR CONTACT DETAILS

Company name
Name
Job title
Address
<input type="text"/>
Postcode
Tel
Fax
e-mail
<input type="text"/>

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.



Planet® Range

PACKAGE PUMPING STATIONS FOR SURFACE WATER & SEWAGE



Uniclass L7316	EPIC J312
CI/SIB (52.3)	X





Planet® Range

PACKAGE PUMPING STATIONS

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

- Pump chambers are well engineered and manufactured, and have passed rigorous and detailed testing, site inspections and factory production control assessment by the British Board of Agrément to achieve certification approval.
- Planet® Package Pumping Stations are designed for use in domestic, commercial or industrial schemes.
- Each pump chamber is made of strong, medium-density polyethylene.
- Smooth internal walls aid the hygienic disposal of effluents, 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.
- 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.

T: 01630 647200

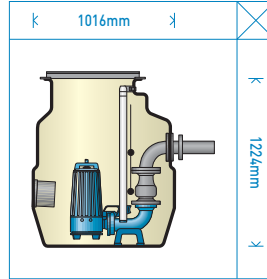
www.ttpumps.com



MERCURY® SINGLE/DUAL* PUMP



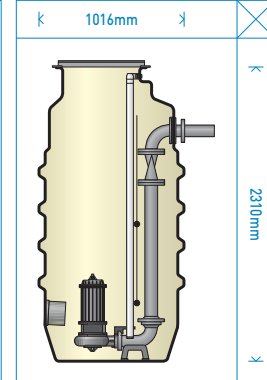
This chamber is ideal for small flows from a single dwelling and where excavation depth is limited.
Compatible pumps are:
- Cutter 80mm
- Grinder 50mm
- Vortex 50mm/80mm
*Dual pumps only available with 50mm Vortex / Grinder.



VENUS® SINGLE/DUAL* PUMP



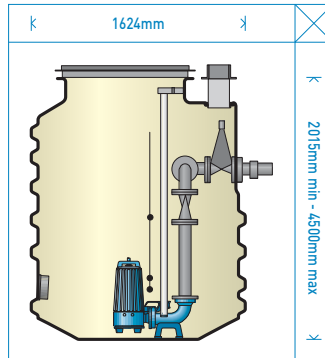
The Venus® chamber is the most popular size for use in a single dwelling, toilet block, or small office serving up to 10 people.
Compatible pumps are:
- Cutter 80mm
- Grinder 50mm
- Vortex 50mm/80mm
*Dual pumps only available with 50mm Vortex / Grinder.



SATURN® DUAL* PUMP



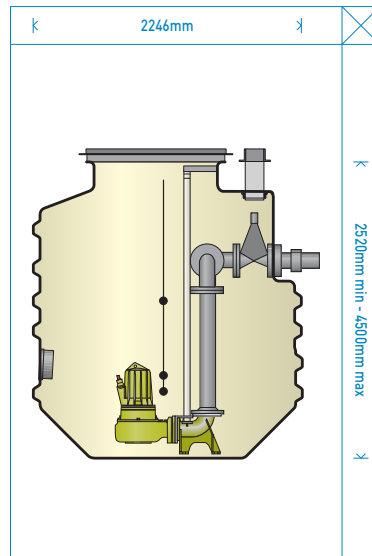
The Saturn® chamber for two pumps, is suitable for small housing and industrial/commercial developments, restaurants, small hotels/nursing homes, caravan sites. Larger capacities are available to special order.
Compatible pumps are:
- Cutter 80mm/100mm
- Grinder 50mm/80mm/100mm
- Vortex 50mm/80mm/100mm
- Channel 80mm/100mm



JUPITER® DUAL PUMP

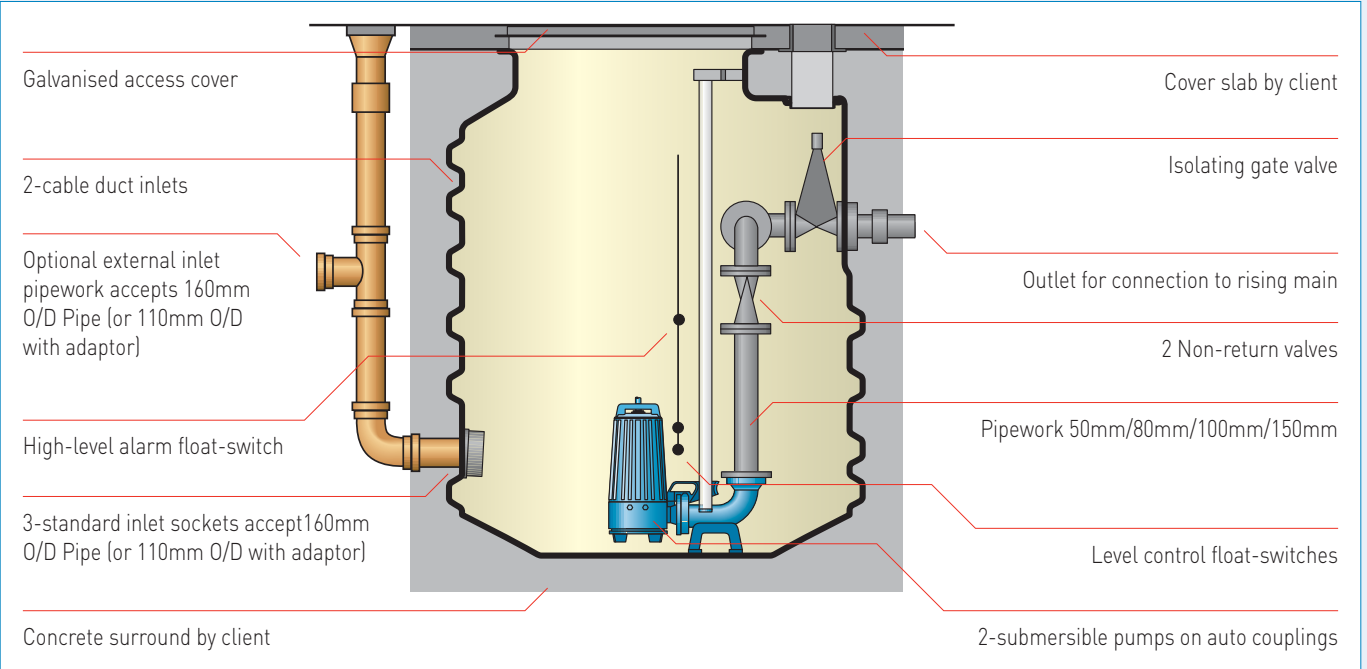


The 2-pump Jupiter® pump station is the selection for larger developments, hotels, hospitals, sewage works.
The basic unit is capable of special build modification to provide capacities up to 15,000 litre, and can be incorporated into schemes where, for example Sewers for Adoption specification is required.
Pumps:
Selected from range
- Cutter 80mm/100mm
- Grinder 50mm/80mm/100mm
- Vortex 50mm/80mm/100mm
- Channel 80mm/100mm/150mm



External dimensions for standard size pump chambers. Refer to us for dimension check.

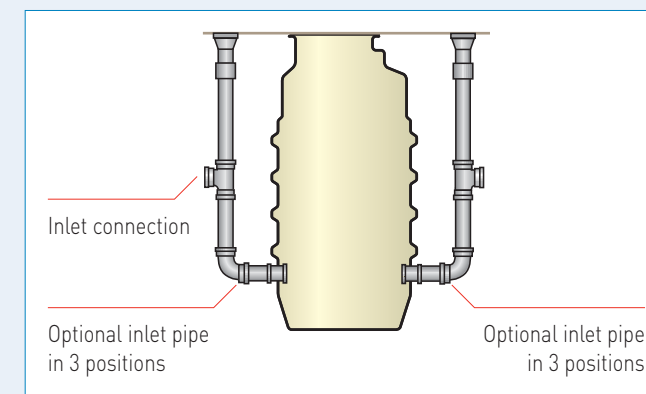
TYPICAL DUAL PUMP PACKAGE PUMPING STATION



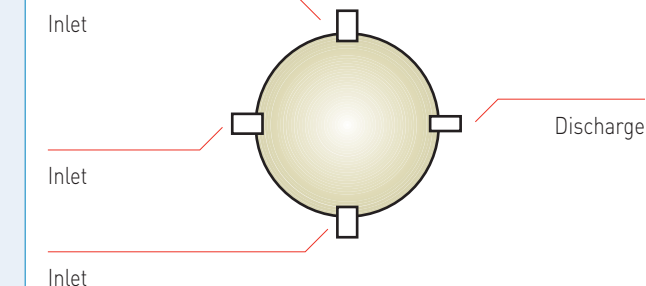
T-T Controls PANELS/STARTERS

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.



CONNECTION POSITIONS FOR ALL STANDARD PUMP CHAMBERS



T-T Service

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

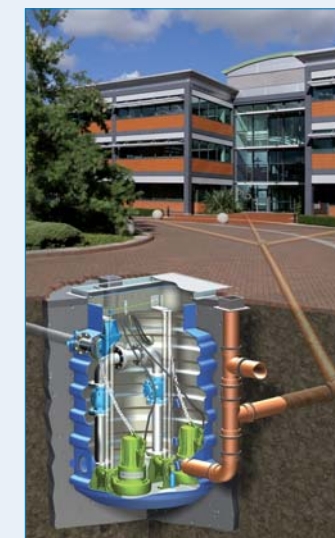
Full service and repair facilities, on-site and works-based are available, with spares stock-holding. Both electrical and mechanical work is undertaken.

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 in standard pump chambers.

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.

THE PLANET® RANGE OF PUMP CHAMBERS



IMPORTANT FOUR EASY STAGES TO A T-T PUMPS PACKAGE PUMPING STATION:

- 1 SELECT - ORDER
- 2 EXCAVATE
- 3 INSTALL STATION AND CONNECT SERVICES
- 4 COMMISSION AND SET INTO OPERATION