

# Pluto Micro Package Pumping Station



Designed primarily for smaller foul and surface water applications, basement conversions, cavity wall drainage etc, the BBA approved T-T Pluto range retains the same robust features of the Planet range, yet in a compact design.

The fully automatic, single pump system is designed and built for reliability and long life, encompassing a high performance pump range that can be selected to meet your specific application.

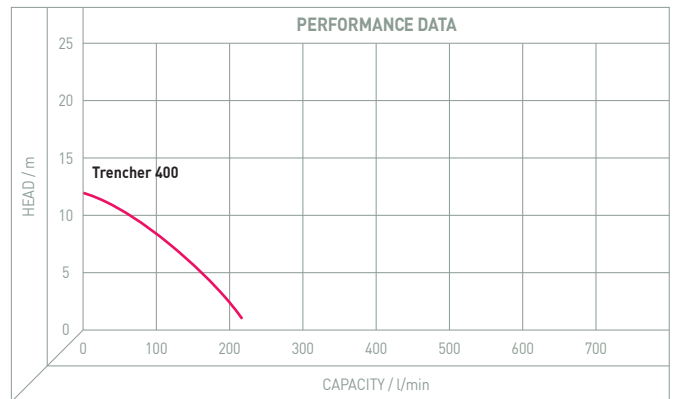
All our pump stations are designed and manufactured in the UK.

## Features

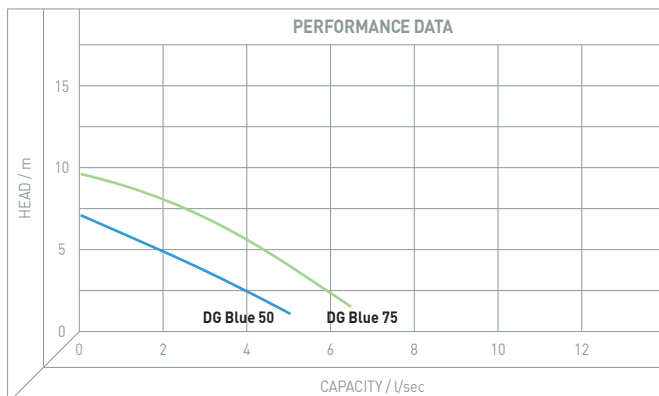
- Strong rotomoulded Polyethylene Chamber.
- Hexagonal shaped chamber body, with flat faces to accommodate our range of duct seals, and to allow for multiple inlet positions.
- 1x Ø110mm inlet seal to accommodate standard drainage connections.
- 1x Ø50mm seal for cable or ventilation duct.
- Pedestrian rated access frame and cover pre-fitted.
- 2" BSP discharge connection point.
- Only available as a single pump system 230v 1Ph or 400v 3Ph.
- Submersible automatic pump with internal ABS pipework, non-return valve, this system is operated by an integral float switch built into the pump. **\*Optional:** Alert high level alarm, with float bracket kit & FLO102 float.  
[For 400v 3Ph pump systems, see our Libra Maxi range of control panels]
- **Optional:** Access cover 'Turret' to lower the depth of the chamber to suit site requirements.

## Performance Data

### Drainage Water Pumps



### Sewage Water Pumps



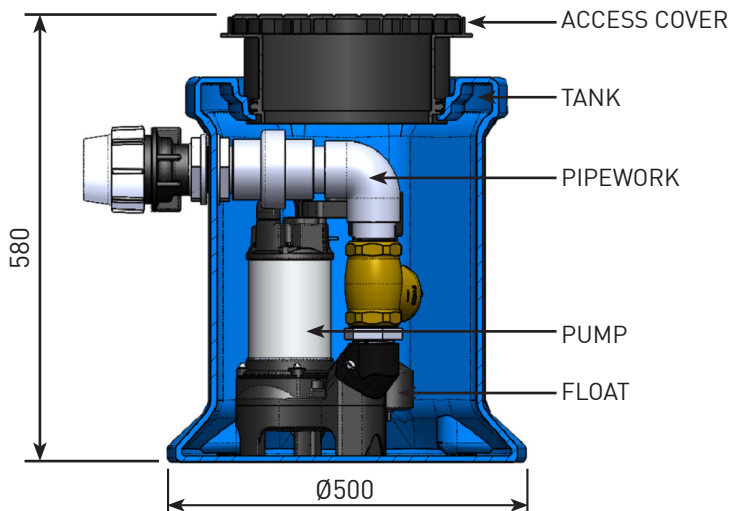
T-T DATA 1948 21/06/2023

## Technical Data

PUMP TYPE	CODE	MOTOR POWER		DISCHARGE		MAXIMUM		FREE PASSAGE mm	CABLE m	WEIGHT kg
		amp	kW	mm	inch	Head m	Capacity l/min			
GOLIATH SUPER 150 230V/1Ph	PM/GOLIATHS1/1	1.6	0.15	50	2	6.3	250	30	5	8
GOLIATH SUPER 150 110V/1Ph	PM/GOLIATHS1/2	2.8	0.15	50	2	6.3	250	30	5	8
GOLIATH SUPER 250 230V/1Ph	PM/GOLIATH2/1	2	0.25	50	2	7.5	300	30	5	8.5
GOLIATH SUPER 250 230V/1Ph	PM/GOLIATH2/2	4.2	0.25	50	2	7.5	300	30	5	8.5
TRENCHER 400 110V/1Ph	PH/T400/110V	6	0.4	50	2	12	220	7	10	13
TRENCHER 400 230V/1Ph	PH/T400/230V	3	0.4	50	2	12	220	7	10	13
TRENCHER 400 400V/3Ph	PH/T400/400V	0.9	0.4	50	2	12	220	7	10	13
DG Blue Pro 50/2/G40V 230V/1Ph	PZ/1082.005	2.8	0.37	40	1 1/2	7	5.2	40	10	13
DG Blue Pro 50/2/G40V 400V/3Ph	PZ/1084.004	1.1	0.37	40	1 1/2	7	5.2	40	10	13
DG Blue Pro 75/2/G40V 110V/1Ph	PZ/1086.011	8.3	0.55	40	1 1/2	9.5	6.8	40	10	15
DG Blue Pro 75/2/G40V 230V/1Ph	PZ/1086.005	4.1	0.55	40	1 1/2	9.5	6.8	40	10	15
DG Blue Pro 75/2/G40V 400V/3Ph	PZ/1088.004	1.6	0.55	40	1 1/2	9.5	6.8	40	10	15

The Pluto Micro is only sold as a single pump system.  
Other pump models may be available, please speak to our Sales team.

## Parts & Materials



PART	MATERIAL
ACCESS COVER	POLYPROPYLENE
TANK	POLYETHYLENE
PIPEWORK & FITTINGS	ABS & BRASS
FLOAT SWITCH	POLYPROPYLENE
PUMP	STAINLESS STEEL / CAST IRON / ENGINEERED PLASTICS

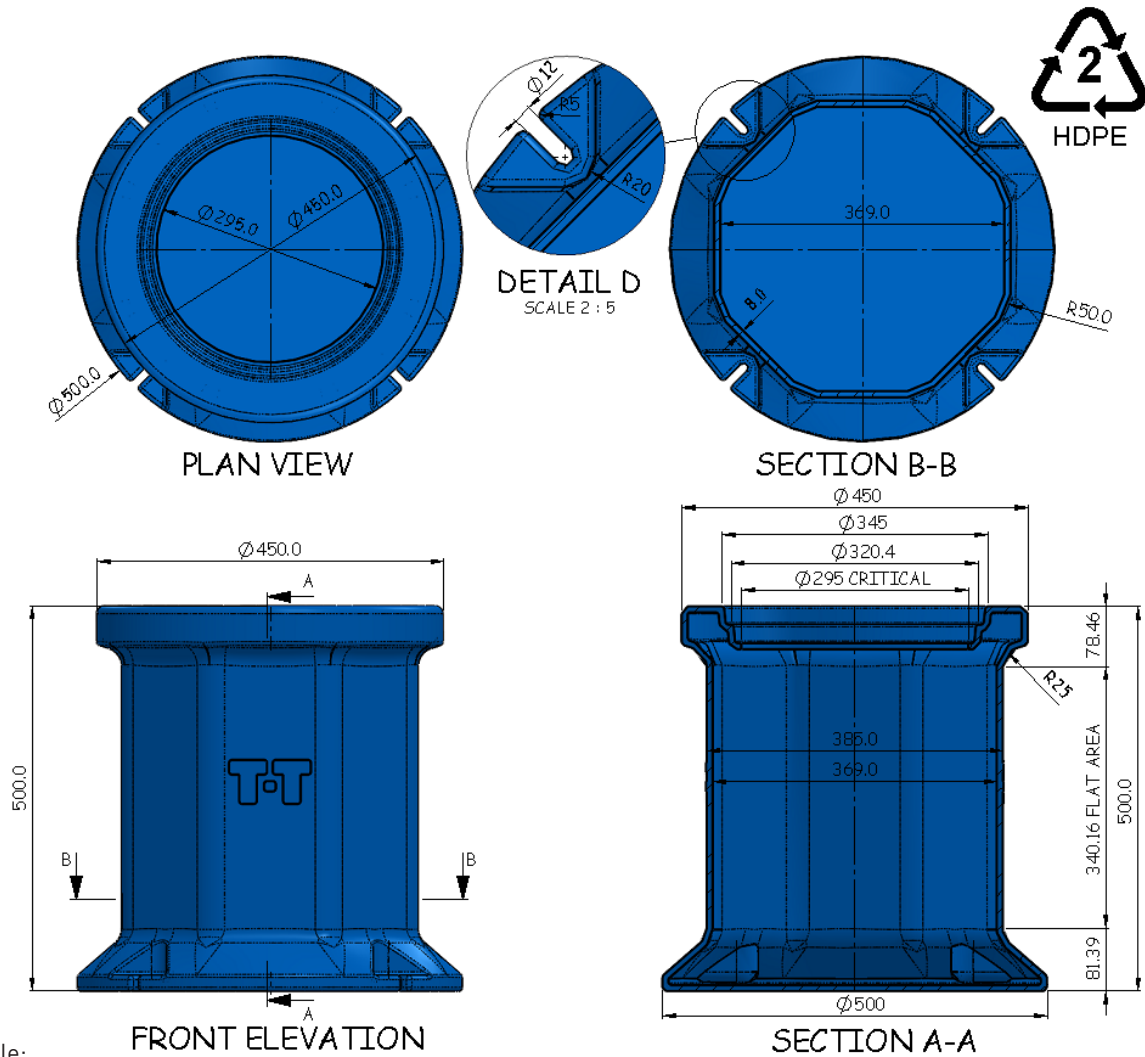
### Optional:

Compact visual & audible alarm unit to indicate a wide variety of conditions. The Alert & Alert Pro monitor the status of a volt free contact closing such as a float, pressure switch, intruder contact etc. & provides a visual & audible warning indication of the event.

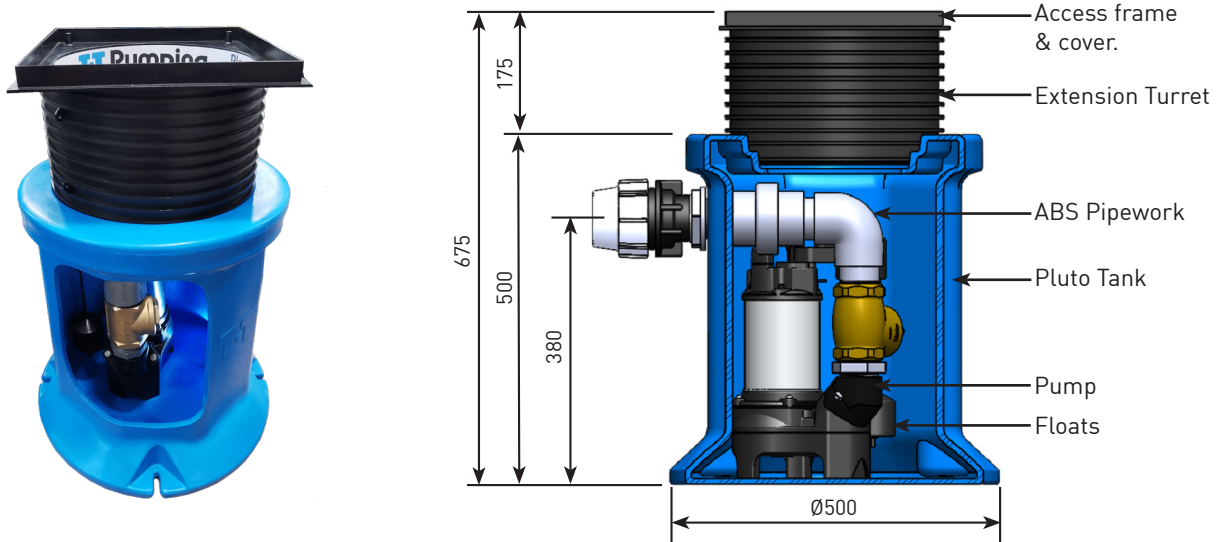
Both the Alert and Alert Pro are available in sole mains powered versions, and mains with battery backup versions, with the Alert Pro offering the facility to replicate the contact closing via volt free, to other external devices.



Dimensional Drawing



Also available:  
 T-T Pluto Micro Extension Turret Kit, comprising additional seal and chamber riser.



Please Note:  
 Due to varying environmental conditions during the manufacturing process, dimensions shown above have a tolerance of  $\pm 2\%$ .

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