

Pluto Maxi Plus Package Pumping Station

Designed primarily for final effluent treatment plants, at 2.0m deep (also available in 1.3m deep), the BBA approved extended Pluto range can also be used for smaller foul and surface water applications, basement conversions, cavity wall drainage etc. The T-T Pluto range retains the same robust features of the Planet range, yet in a compact design.



The fully automatic system, available in a single pump configuration, is designed and built for reliability and long life, encompassing a high performance pump range that can be selected to meet your specific application. We can also offer this system in a sewage water configuration utilising a sewage ball valve

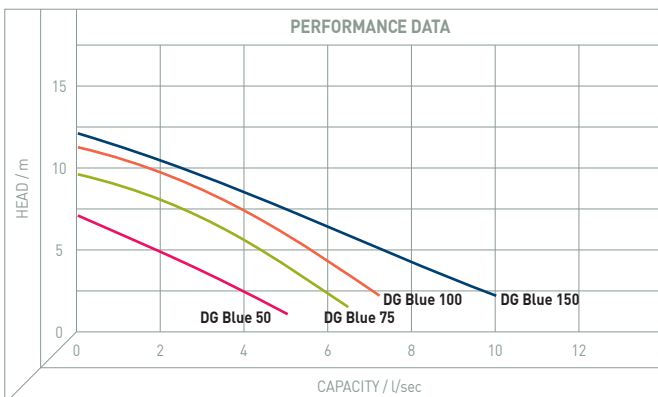
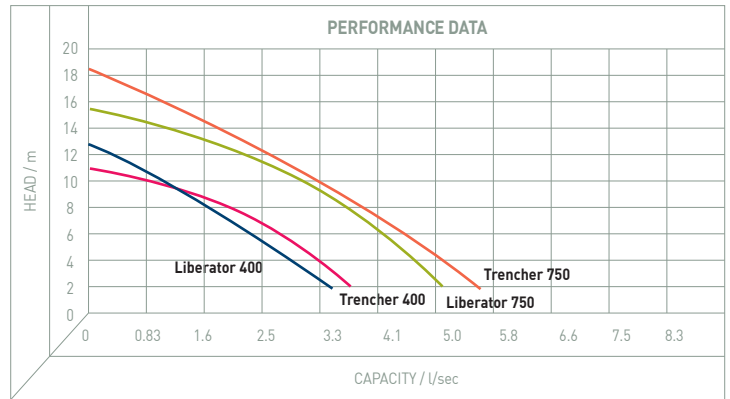
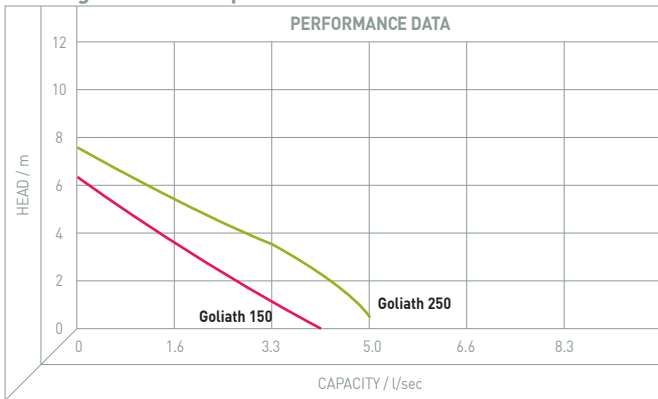
All our pump stations are designed and manufactured in the UK.

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.
- Supplied as a single pump system 230v 1Ph or 400v 3Ph. (Dual configuration on request)
- **Version 1:** Submersible automatic pump with internal ABS pipework, heavy duty hose, 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.
- **Version 2:** Submersible pump with internal ABS pipework, heavy duty hose, non-return valve, this system is operated by a mains powered control panel, (single phase only) featuring indicator light, audible alarm with mute button, via float switches. [For 400v 3Ph pump systems, see our Libra Maxi range of control panels]
- **Note:** The access cover 'Turret' to lower the depth of the chamber is not available on this size tank.

Performance Details

Drainage Water Pumps



Dimensional & Part Details

PUMP TYPE.	CODE	MOTOR POWER		DISCHARGE		MAXIMUM		FREE PASSAGE mm	CABLE m	WEIGHT kg
		amp	kW	mm	inch	Head m	Capacity l/sec			
GOLIATH SUPER 150 230V/1Ph	PM/GOLIATH1/1	1.6	0.15	50	2	6.3	4.1	30	5	8
GOLIATH SUPER 150 110V/1Ph	PM/GOLIATH1/2	2.8	0.15	50	2	6.3	4.1	30	5	8
GOLIATH SUPER 250 230V/1Ph	PM/GOLIATH2/1	2	0.25	50	2	7.5	5.0	30	5	8.5
GOLIATH SUPER 250 110V/1Ph	PM/GOLIATH2/2	4.2	0.25	50	2	7.5	5.0	30	5	8.5
LIBERATOR 400 110V/1Ph	PH/LIB400/110V	6	0.4	50	2	11	3.7	7	10	13
LIBERATOR 400 230V/1Ph	PH/LIB400/230V	3	0.4	50	2	11	3.7	7	10	13
LIBERATOR 400 400V/3Ph	PH/LIB400/400V	0.9	0.4	50	2	11	3.7	7	10	13
LIBERATOR 750 110V/1Ph	PH/LIB750/110V	11	0.75	50	2	15.8	5.0	7	10	16
LIBERATOR 750 230V/3Ph	PH/LIB750/230V	5.4	0.75	50	2	15.8	5.0	7	10	16
LIBERATOR 750 400V/3Ph	PH/LIB750/400V	1.9	0.75	50	2	15.8	5.0	7	10	16
TRENCHER 400 110V/1Ph	PH/T400/110V	6	0.4	50	2	12	3.6	7	10	13
TRENCHER 400 230V/1Ph	PH/T400/230V	3	0.4	50	2	12	3.6	7	10	13
TRENCHER 400 400V/3Ph	PH/T400/400V	0.9	0.4	50	2	12	3.6	7	10	13
TRENCHER 750 110V/1Ph	PH/T750/110V	11	0.75	50	2	18	5.8	7	10	15.5
TRENCHER 750 230V/3Ph	PH/T750/230V	5.4	0.75	50	2	18	5.8	7	10	15.5
TRENCHER 750 400V/3Ph	PH/T750/400V	1.9	0.75	50	2	18	5.8	7	10	15.5
DG Blue Pro 50/2/G40V 230V/1Ph	PZ/1082.005	2.8	0.37	40	1½	7	5.2	40	10	13
DG Blue Pro 50/2/G40V 400V/3Ph	PZ/1084.004	1.1	0.37	40	1½	7	5.2	40	10	13
DG Blue Pro 75/2/G40V 230V/1Ph	PZ/1086.005	4.1	0.55	40	1½	9.5	6.8	40	10	15
DG Blue Pro 75/2/G40V 400V/3Ph	PZ/1088.004	1.6	0.55	40	1½	9.5	6.8	40	10	15
DG Blue Pro 100/2/G40V 230V/1Ph	PZ/1078.005	5.6	0.74	40	1½	11	7.5	40	10	15.5
DG Blue Pro 100/2/G40V 400V/3Ph	PZ/1079.004	2.2	0.74	40	1½	11	7.5	40	10	15.5
*DG Blue Pro 150/2/G50V 230V/1Ph	PZ/1002.005	7.5	1.1	50	2	12	11	50	10	23
*DG Blue Pro 150/2/G50V 400V/3Ph	PZ/1003.002	3.2	1.1	50	2	12	11	50	10	23

*DG Blue Pro can only be supplied as a single pump system.
Other pump models are available, please speak with our Sales team.

Control Options

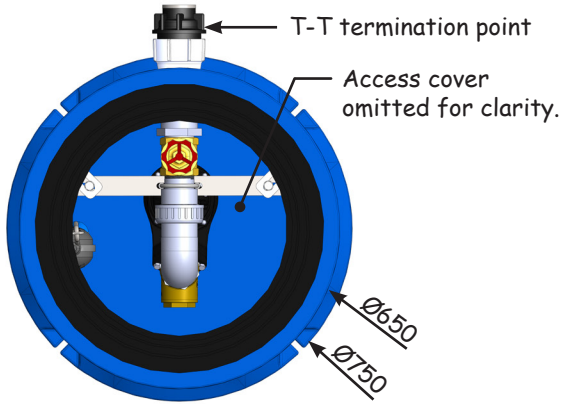
Our Libra Micro Controller is a simple, effective pump controller, available in both single and dual pump versions. They are suitable for 1Ph 230V 50Hz pump motors up to 9.3A full load current (FLC).

Comprising a host of user friendly features, such as power indication, fuse rupture detection, next pump in sequence indication (dual version only), audible alarm and volt free contacts for remote indication.

For 3Ph 400v Pluto pumping systems, please refer to our Libra Maxi range of control systems.

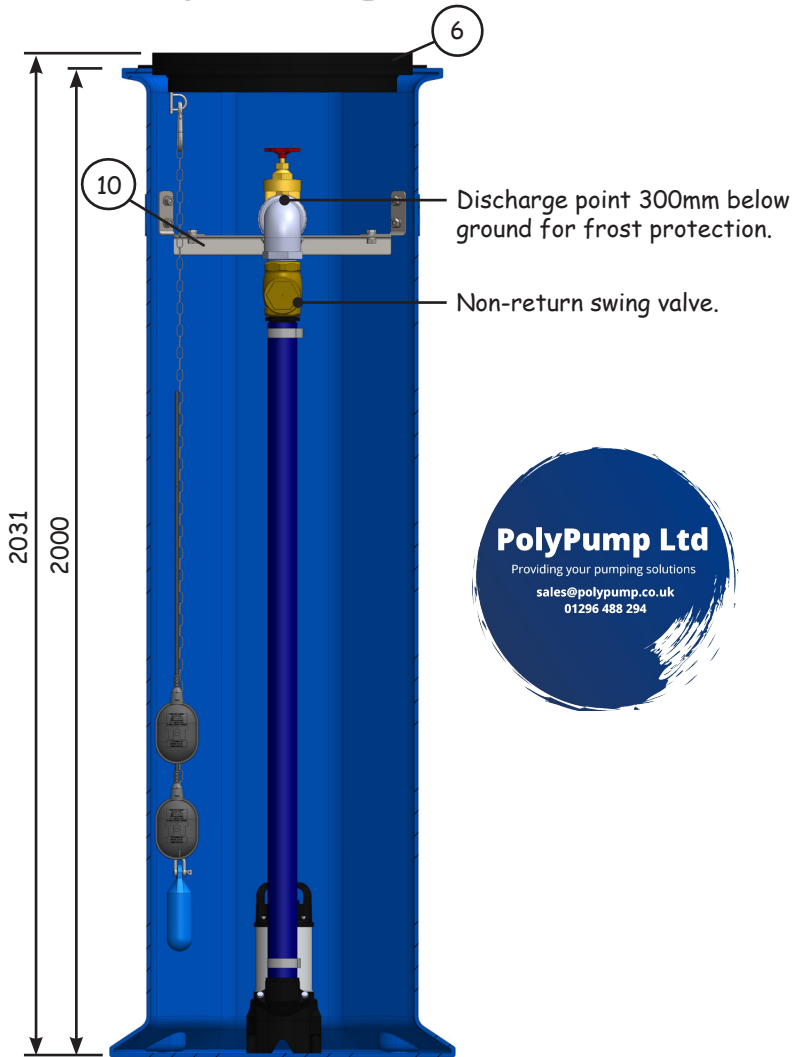


Dimensional & Part Details

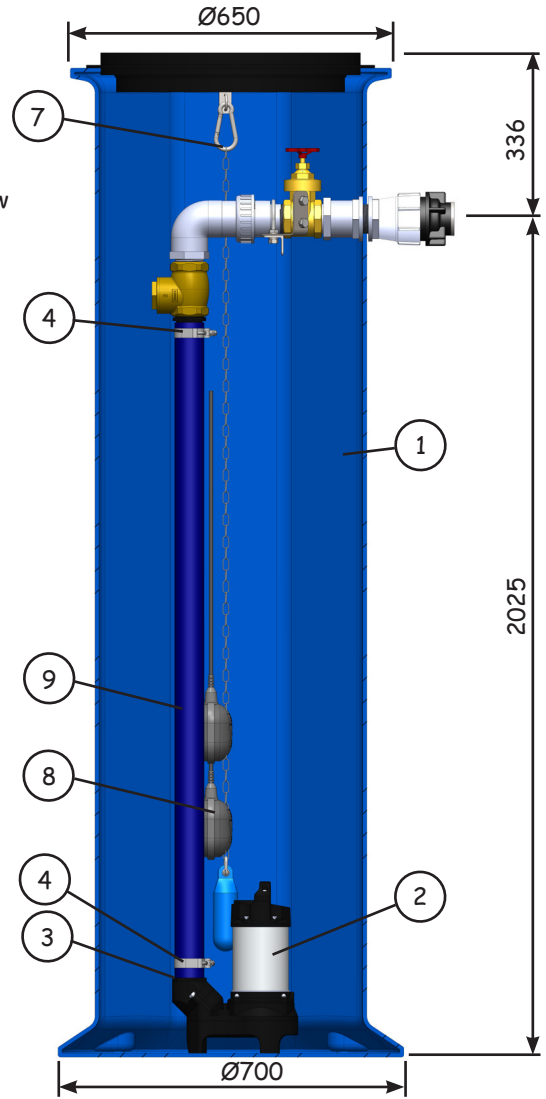


PLAN VIEW

ITEM	PART	MATERIAL
1	TANK	POLYETHYLENE
2	PUMP	STAINLESS STEEL / CAST IRON / ENGINEERED PLASTIC
3	HOSETAIL	ENGINEERED PLASTIC
4	HOSE CLAMPS	STAINLESS STEEL
5	PIPEWORK & FITTING	ABS & CAST IRON
6	COVER & FRAME	POLYPROPYLENE
7	READY LEVEL	STAINLESS STEEL & CAST IRON
8	FLOAT	POLYPROPYLENE
9	HOSE	HIGH GRADE HDPE
10	BEAM KIT	STAINLESS STEEL



FRONT ELEVATION



SIDE ELEVATION



Please Note:
Drainage water configuration detailed above.
Due to varying environmental conditions during the manufacturing process, dimensions shown above have a tolerance of ±2%