

THE DPT MEGA TANK PUMP SYSTEM



THE DPT MEGA TANK

PRODUCT OVERVIEW

The Mega Range of package pump stations are designed to collect foul/surface water from multiple properties or buildings or commercial offices and other industrial sized commercial applications.

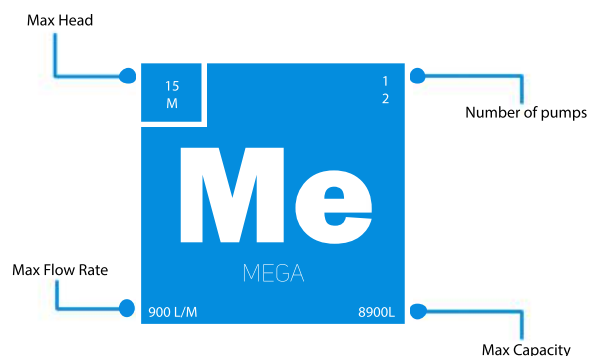
The Mega range of pump stations are available with 50mm, 65mm, or 80mm solid handling pumps capable of delivering flows up to 840 l/min (14 l/s).

The Mega Range has been designed to ensure an easy and trouble free installation and is manufactured from high grade HDPE. The Mega Range of pump stations are delivered to site as a complete package, including all internal pipe work, submersible sewage pumps, and alternating control panel and float switches.

This system also comes with guide rail and pedestal kits for easy pump access. The station is designed to pump through a 90mm pump main as the chamber's outlet terminates in a 3" male BSP thread as standard.

PACKAGE CONTENTS

- 1 x Tank grade MDPE steel reinforced chamber
- 1 x Pedestrian rated access cover
- 2 x Submersible pumps and stools
- 1 x Internal pipework and non-return valves
- 1 x Control panel with high-level alarm
- 2 x guiderails and lifting chains
- 4 x Float switches and cables
- 2 x 110mm wall seals.



TANK OPTIONS

The Mega Tank comes in three different sizes, these are shown in the table below.

Width (mm)	Depth (mm)	Capacity (Litres)
1800	2000	5000
1800	2500	6000
1800	3000	7300
1800	3500	8900

All chambers have an access cover opening of 900x900mm with the cover being pedestrian rated. D400 covers are available as an optional extra.

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50MM SOLID HANDLING PUMPS

The Mega Tank can be paired with a range of 50mm solid handling pumps which are capable of handling sewage and surface water installations.

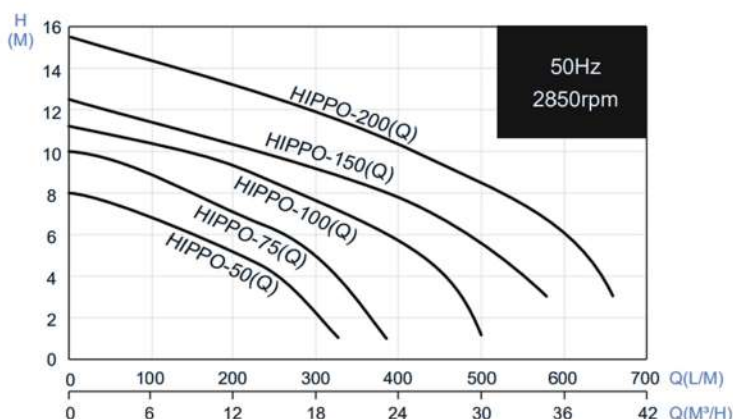
FEATURES

- Vortex impeller design
- 2" discharge with PT inner thread
- 2" (50mm) solid free passage
- EKK Eagle Burgmann double mechanical seal
- CA/CE & SIC/SIC
- Stainless Steel motor housing

APPLICATIONS

- Heavy-duty for foul, grey, and surface water
- Suitable for domestic and commercial application

PUMP CURVES



PUMP SPECIFICATIONS

Liquid Temperature		0~40 °C (32~104 °F)
Submersible Depth		10M
Motor Part	Frequency	50Hz
	Pole	2 Pole
	Type	Dry Type
	Insulation	0.5~1HP:Class B 1.5~2HP:Class F
Pump Part	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical Seal	Double Mechanical Seal
	Impeller	Vortex Impeller

PUMP SPECIFICATIONS

Model Ref	HIPPO 50	HIPPO 75	HIPPO 100	HIPPO 150	HIPPO 200
Impeller Type	Vortex	Vortex	Vortex	Vortex	Vortex
Power Supply	1ph 230v / 3ph 400v	1 ph 230v	1ph 230v / 3ph 400v	1 ph 230v	1ph 230v / 3ph 400v
Rated Power	0.37kW	0.55kW	0.75kW	1.1kW	1.5kW
Rated Current	4.2A (1ph) 1.6A (3ph)	5.5A	7.2A (1ph) 2.5A (3ph)	9A	12A (1ph) 3.9A (3ph)
Max Head	4.5m	6.4m	7.7m	8m	10m
Max Flow Rate	240 l/m	240 l/m	300 l/m	390 l/m	420 l/m
Cable Length	10m	10m	10m	10m	10m
Free Passage	50mm	50mm	50mm	50mm	50mm



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65MM SOLID HANDLING PUMPS

The Mega Tank can be paired with a range of 65mm solid handling pumps which are capable of handling sewage and surface water installations.

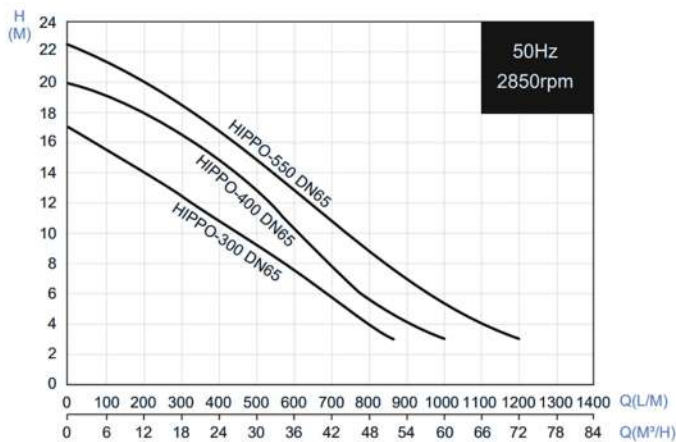
FEATURES

- Vortex impeller design
- 2.5" discharge with PT inner thread
- 2.5" (65mm) solid free passage
- EKK Eagle Burgmann double mechanical seal
- CA/CE & SIC/SIC
- Stainless Steel motor housing

APPLICATIONS

- Heavy-duty for foul, grey, and surface water
- Suitable for domestic and commercial application

PUMP CURVES



PUMP SPECIFICATIONS

Liquid Temperature		0~40 °C (32~104 °F)
Submersible Depth		10M
Motor Part	Frequency	50Hz
	Pole	2 Pole
	Type	Dry Type
	Insulation	Class F
Pump Part	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical Seal	Double Mechanical Seal
	Impeller	Vortex Impeller

PUMP SPECIFICATIONS

Model Ref	HIPPO-300 DN65	HIPPO-400 DN65	HIPPO-550 DN65
Impeller Type	Vortex	Vortex	Vortex
Power Supply	3ph 400v	3 ph 400v	3 ph 400v
Rated Power	2.2kW	3.0kW	4.1kW
Rated Current	12.6A	6.7A	9.1A
Max Head	12.6m	13m	15m
Max Flow Rate	300 l/m	500 l/m	500 l/m
Cable Length	10m	10m	10m
Free Passage	65mm	65mm	65mm



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80MM SOLID HANDLING PUMPS

The Mega Tank can be paired with a range of 80mm solid handling pumps which are capable of handling sewage and surface water installations.

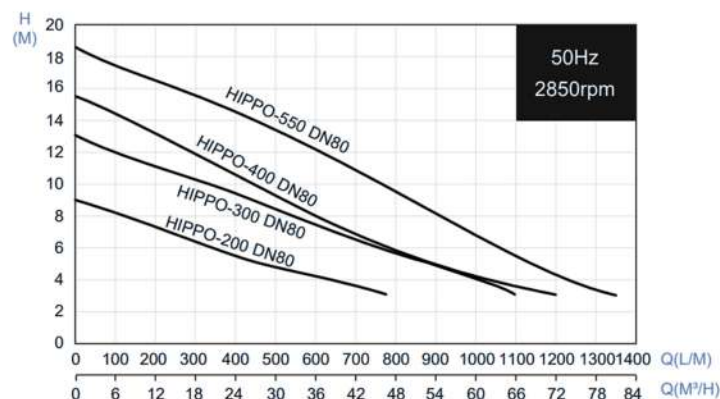
FEATURES

- Vortex impeller design
- 3" discharge with PT inner thread
- 3" (80mm) solid free passage
- EKK Eagle Burgmann double mechanical seal
- CA/CE & SIC/SIC
- Stainless Steel motor housing

APPLICATIONS

- Heavy-duty for foul, grey, and surface water
- Suitable for domestic and commercial application

PUMP CURVES



PUMP SPECIFICATIONS

Liquid Temperature		0~40 °C (32~104 °F)
Submersible Depth		10M
Motor Part	Frequency	50Hz
	Pole	2 Pole
	Type	Dry Type
	Insulation	Class F
Pump Part	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical Seal	Double Mechanical Seal
	Impeller	Vortex Impeller

PUMP SPECIFICATIONS

Model Ref	HIPPO-200 DN80	HIPPO-300 DN80	HIPPO-400 DN80	HIPPO-550 DN80	HIPPO-550 DN80
Impeller Type	Vortex	Vortex	Vortex	Vortex	Vortex
Power Supply	1ph 230v / 3ph 400v	3 ph 400v	3 ph 400v	3 ph 400v	3 ph 400v
Rated Power	1.5kW	2.2kW	3kW	4.1kW	4.1kW
Rated Current	12A (1ph) 3.9A (3ph)	6A	6.7A	9.1A	9.1A
Max Head	5m	9.5m	8m	8m	8m
Max Flow Rate	460 l/m	400 l.m	600 l/m	900 l/m	900 l/m
Cable Length	10m	10m	10m	10m	10m
Free Passage	80mm	80mm	80mm	80mm	80mm



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80MM SOLID HANDLING PUMPS

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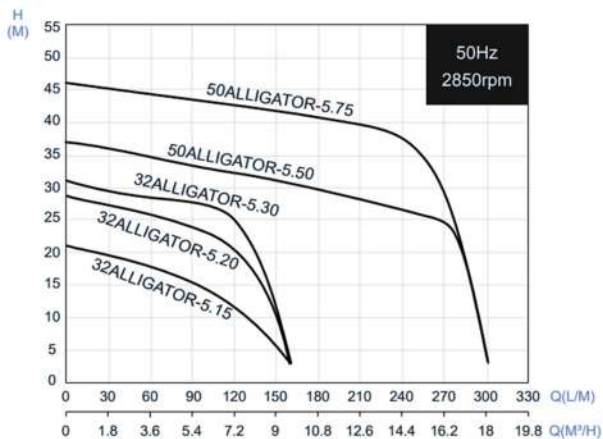
FEATURES

- Vortex impeller design
- 2" discharge with PT inner thread
- 2" (50mm) solid free passage
- EKK Eagle Burgmann double mechanical seal
- CA/CE & SIC/SIC
- Stainless Steel motor housing

APPLICATIONS

- Heavy-duty for foul, grey, and surface water
- Suitable for domestic and commercial application

PUMP CURVES



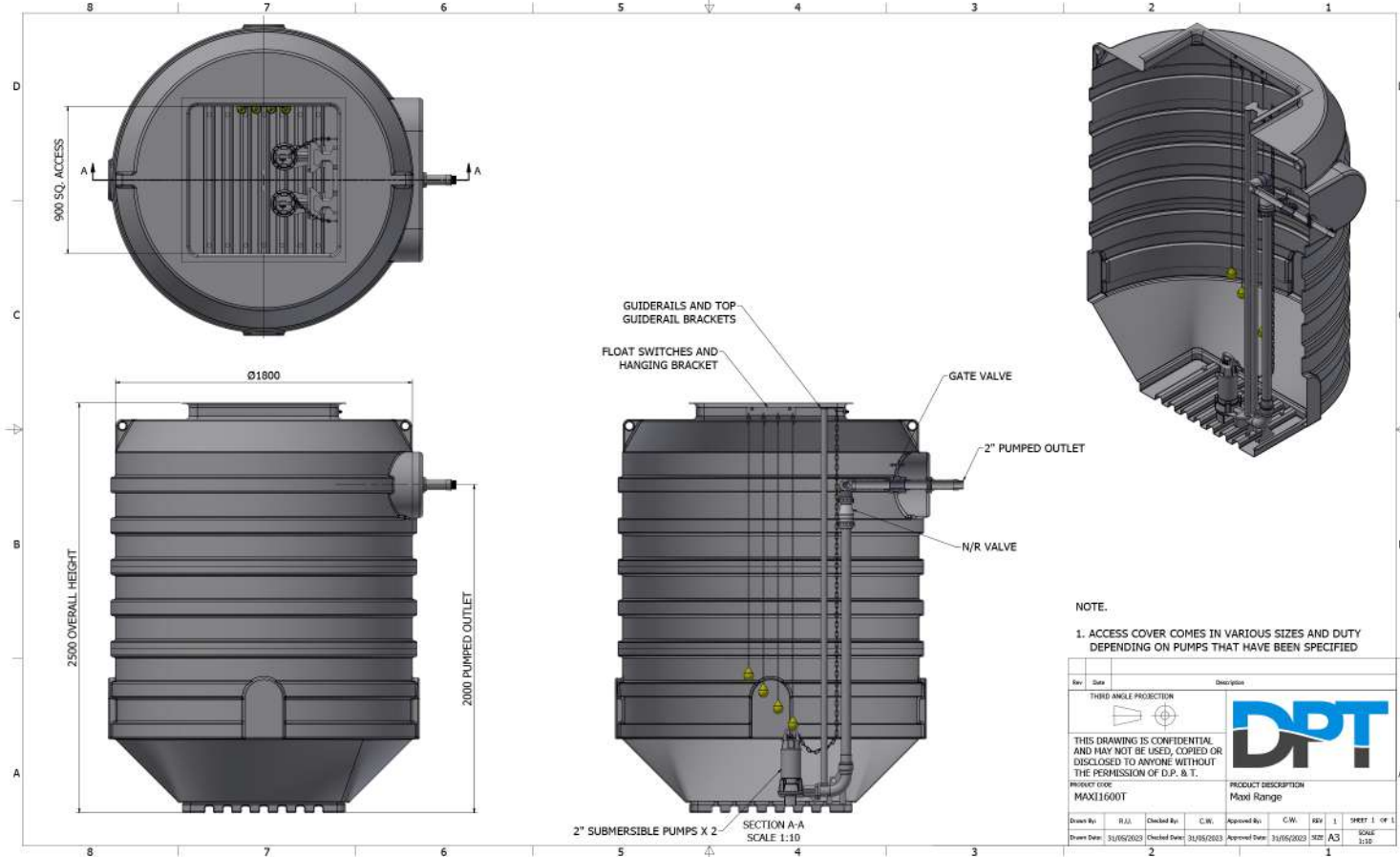
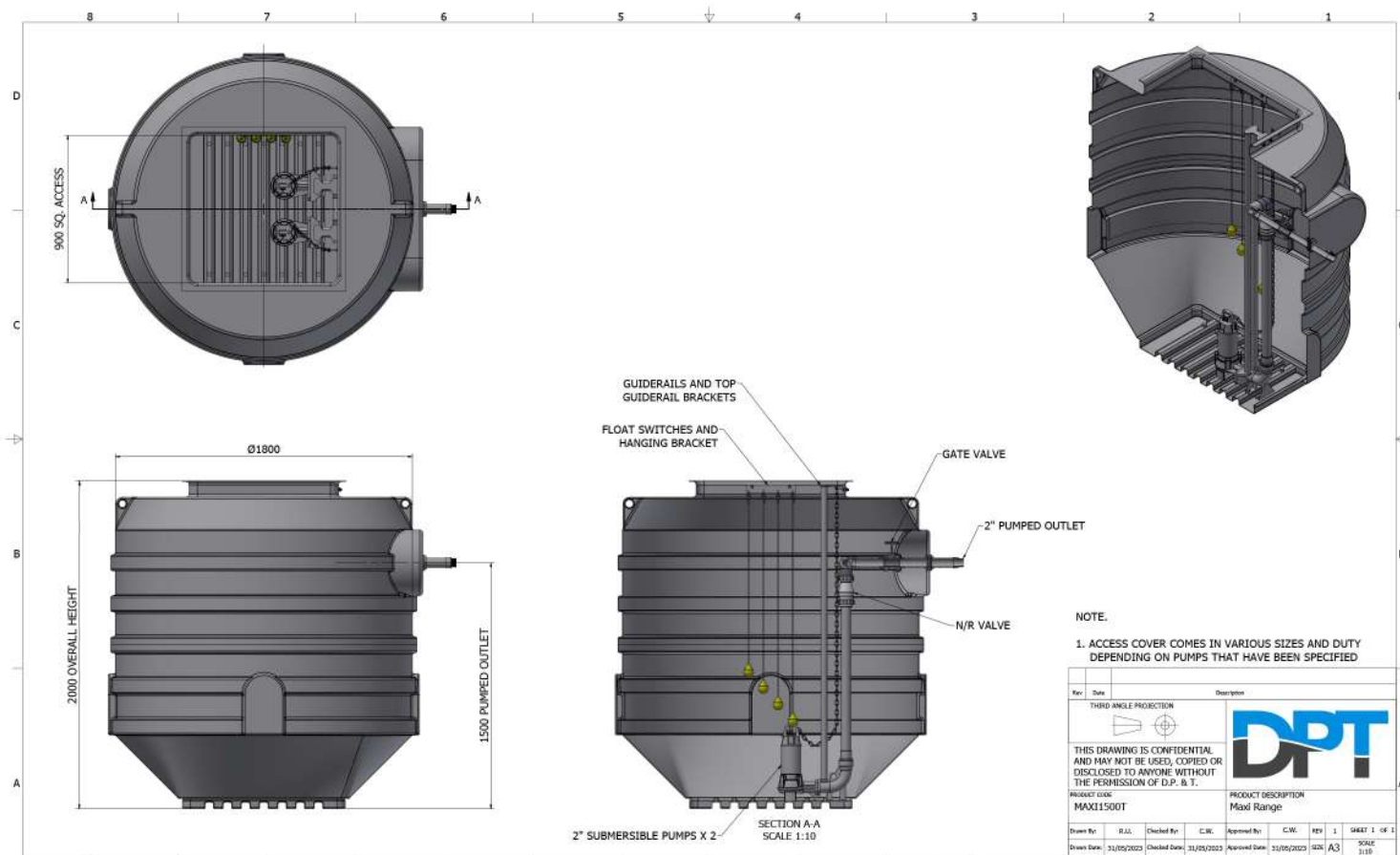
PUMP SPECIFICATIONS

Liquid Temperature Submersible Depth		0~40 °C (32~104 °F)
Motor Part	Frequency	50Hz
	Pole	2 Pole
	Type	Dry Type
	Insulation	1.5~3HP:Class B 5~7.5HP:Class F
Pump Part	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical Seal	Double Mechanical Seal
	Impeller	Semi-open Impeller

PUMP SPECIFICATIONS

Model Ref	32Alligator-5.15	32Alligator-5.20	32Alligator-5.30	50Alligator-5.50	50Alligator-5.75
Impeller Type	Macerator	Macerator	Macerator	Macerator	Macerator
Power Supply	1ph 230v / 3ph 400v	1ph 230v / 3ph 400v	3 ph 400v	3 ph 400v	3 ph 400v
Rated Power	1.1kW	1.5kW	2.2kW	3.7kW	5.5kW
Rated Current	9.4A (1ph) 3.3A (3ph)	11.5A (1ph) 4.5A (3ph)	4.7A	8.7A	12.5A
Max Head	15.5m	23m	25m	26m	36m
Max Flow Rate	160 l/m	160 l/m	160 l/m	300 l/m	300 l/m
Cable Length	10m	10m	10m	10m	10m
Free Passage	Macerator	Macerator	Macerator	Macerator	Macerator

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