



## The Maxi Twin Series

Package Pump Station

## Product Overview

The Maxi Range of package pump stations are designed to collect foul water from multiple properties or buildings or commercial offices and other industrial sized commercial applications. However, the Maxi range of pump stations are available with 65mm or 80mm solid handling pumps capable of delivering flows up to 850 l/min (14 l/s).

The Maxi Range has been designed to ensure an easy and trouble free installation and is manufactured from high grade HDPE. The Maxi Range of pump stations are delivered to site as a complete package, including all internal pipe work, 2 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.

The Maxi Range pump station allows multiple 110mm inlets (to be drilled on site) to enable a quick and easy installation. Also available in single pump configurations.

## Application Areas

The Maxi Series is suited to multiple types off application, the most common being: -

- ▶ Large Residential Properties
- ▶ Commercial
- ▶ Industrial
- ▶ Office and Professional Spaces
- ▶ Agricultural

## Additional Extra Components

The Maxi Series can also come with a range of extras and accessories which are recommended with each station, these are: -

- ▶ Pipework and fittings
- ▶ High level alarm
- ▶ Telemetry alerts
- ▶ Battery backup



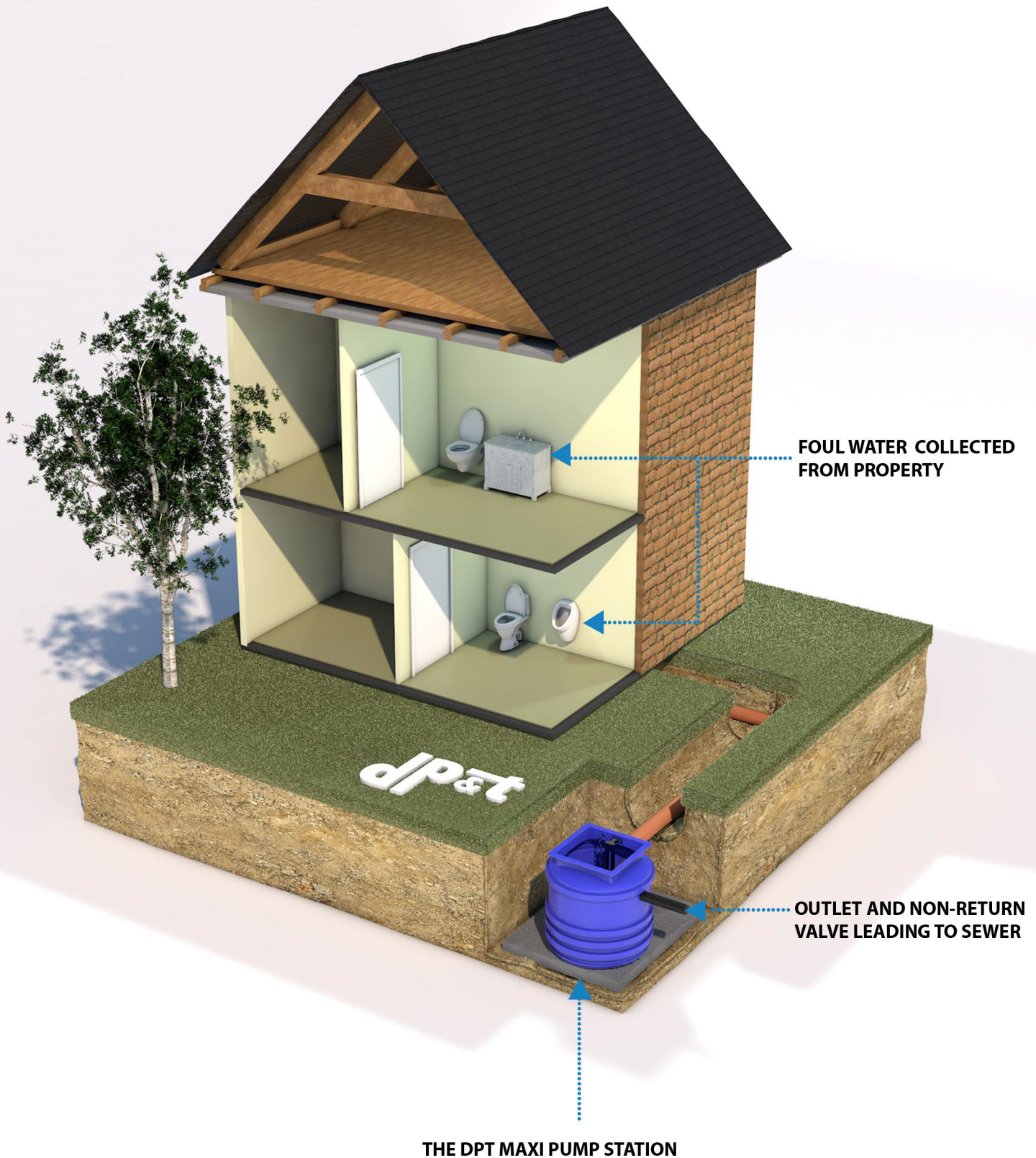
## Maxi Series Features at a Glance



\*110mm wall seal supplied loose for drain connection



# Typical Maxi Twin Installation





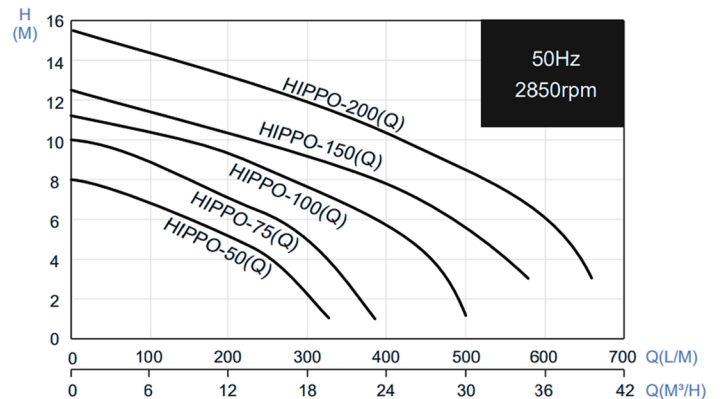
## 50mm Solid Handling Pumps



### 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

## 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	IP 68
	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical Seal	Double Mechanical Seal
	Impeller	Vortex Impeller

## Applications

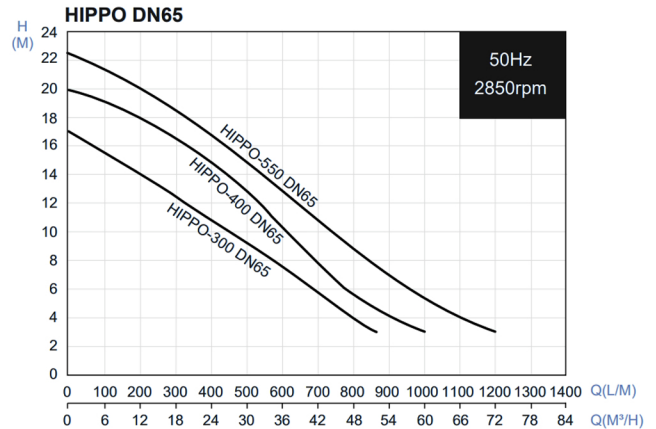
- Heavy-duty application for foul, grey, and surface water
- Suitable for domestic and commercial application

Type	Output		Discharge	F.L.A		Rated		Maximum		Free Passage	Weight (kg)	
	HP	kW		1 ph 230V	3 ph 400V	Head (M)	Flow l/m	Head (M)	Flow l/m		mm	1 ph
Hippo 50	0.5	0.37	2"	4.2A	1.6A	4.5	240	8	330	50	12.9	12.9
Hippo 75	0.75	0.55	2"	5.5A		6.4	240	10	390	50	13.9	13.9
Hippo 100	1	0.75	2"	7.2A	2.5A	7.7	300	11.3	500	50	15.4	15.4
Hippo 150	1.5	1.1	2"	9A		8	390	12.5	580	50	24.2	24.2
Hippo 200	2	1.5	2"	12A	3.9A	10	420	15.5	660	50	25.2	25.2

## 65mm Solid Handling Pumps



## 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	IP 68
	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical Seal	Double Mechanical Seal
	Impeller	Vortex Impeller

## 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

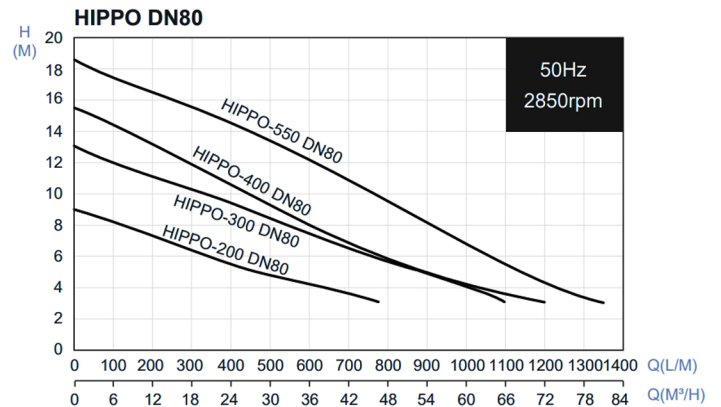
## Applications

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

Type	Output		Discharge Inch	F.L.A		Rated		Maximum		Free Passage mm	Weight (kg)	
	HP	kW		1 ph 230V	3 ph 400V	Head (M)	Flow l/m	Head (M)	Flow l/m		1 ph	3 ph
HIPPO-300 DN65	3	2.2	2.5"		12.6A	12.6	300	17	870	65		29.6
HIPPO-400 DN65	4	3	2.5"		6.7A	13	500	20	1000	65		41.7
HIPPO-550 DN65	5.5	4.1	2.5"		9.1A	15	500	22.5	1200	65		43.7

## 80mm Solid Handling Pumps

## Pump Curves



## Pump Specifications

<b>Liquid Temperature</b>		0~40°C (32~104°F)
<b>Submersible Depth</b>		10M
Motor Part	Frequency	50Hz
	Pole	2 Pole
	Type	Dry Type
	Insulation	Class F
Pump Part	Protection	IP 68
	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical Seal	Double Mechanical Seal
	Impeller	Vortex Impeller

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

Type	Output		Discharge Inch	F.L.A		Rated		Maximum		Free Passage mm	Weight (kg)	
	HP	kW		1 ph 230V	3 ph 400V	Head (M)	Flow l/m	Head (M)	Flow l/m		1 ph	3 ph
HIPPO-200 DN80	2	1.5	3"	12A	3.9A	5	460	9	780	80	31.8	31.8
HIPPO-300 DN80	3	2.2	3"		6A	9.5	400	13	1100	80		32.9
HIPPO-400 DN80	4	3	3"		6.7A	8	600	15.5	1200	80		49.9
HIPPO-550 DN80	5.5	4.1	3"		9.1A	8	900	18.5	1350	80		51.9



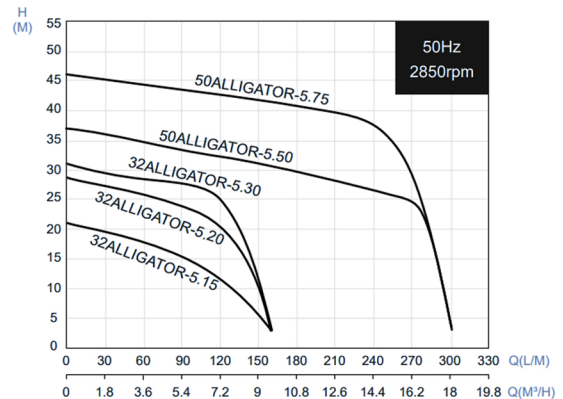
## Grinder Pump Options



### 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

## Pump Curves



## Pump Specifications

<b>Liquid Temperature</b>		0~40°C (32~104°F)
<b>Submersible Depth</b>		10M
<b>Motor Part</b>	Frequency	50Hz
	Pole	2 Pole
	Type	Dry Type
	Insulation	1.5~3HP:Class B 5~7.5HP:Class F
<b>Pump Part</b>	Protection	IP 68
	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical Seal	Double Mechanical Seal
	Impeller	Semi-open Impeller

## Applications

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

Type	Output		Discharge	F.L.A		Rated		Maximum		Weight (kg)	
	HP	kW		Inch	1 ph 230V	3 ph 400V	Head (M)	Flow l/m	Head (M)	Flow l/m	1 ph
32Aligator-5.15	1.5	1.1	1-1/4"	9.4A	3.3A	15.5	90	21	160	29.4kg	29.4
32Aligator-5.20	2.5	1.5	1-1/4"	11.5A	4.5A	23	100	28.5	160	32kg	32
32Aligator-5.30	3	2.2	1-1/4"		4.7A	25	120	31	160		33.6
50Aligator-5.50	5	3.7	2"		8.7A	26	250	37	300		41.2
50Aligator-5.75	7.5	5.5	2"		12.5A	36	250	46	300		46.2



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