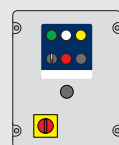


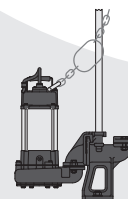
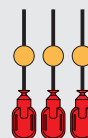
# MagnaPro 800-2000 Macerator (3-phase)



## SYSTEM OVERVIEW



Control panel with 3 floats and counterweights



1 pedestal-mounted manual pump with guide rails and lifting chains



2" Class E PVC pipework



2" brass valves



63 mm MDPE discharge



110 mm inlet



110 mm cable duct



110 mm vent

The MagnaPro 800-2000 Macerator is a fully automatic packaged pumping station suitable for pumping grey and foul water to a higher level when gravity drainage is not possible or economical to install.

The system provides up to 700 litre storage capacity depending inlet depth. It is ideal for accepting waste from an extension, outbuilding, basement or similar.

Its three-phase pump provides higher torque to minimise blockages, increased energy efficiency, and improved reliability compared to a single-phase pump. Its cutting action offers reliable and effective pumping of grey and foul water.

The system comprises our award-winning polyethylene MagnaPro chamber, internal Class E PVC pipework and fittings, brass valves, control panel, float switches with counterweights, a pedestal-mounted manual pump with grinder impellor, and an external compression adaptor for discharge to 63 mm OD MDPE.

It is easy to install as inlets can be positioned to your site's requirements. Inlet information to be supplied at time of order, or can be drilled on site.

An access cover is not included. A range of access covers is available to suit your project requirements.

Our packaged pumping stations are built to last and designed to be easy to service.

## KEY FEATURES

- The pump's cutting action and small solids clearance reduces the chance of blockages
- Up to 700 litres storage capacity
- Three-phase pump for higher torque, increased energy efficiency, and improved reliability
- 60° benching
- Compact chamber for limited space installations
- Ideal for an extension, outbuilding, basement or similar application
- 600 mm x 450 mm clear opening
- Variable inlet positions to suit site
- A range of alarms and remote alerts are available offering peace of mind
- Quick and simple to install

## SPECIFICATIONS

MagnaPro 800 Macerator systems comply with:

- BS EN 12050-1:2015 Wastewater lifting plants for buildings and sites. Lifting plants for wastewater containing faecal matter.

## WASTE TYPE



Grey



Foul

## OPTIONAL EXTRAS



Upgraded pumps



Control equipment



Battery backup



External pipework



Remote monitoring



Level controls



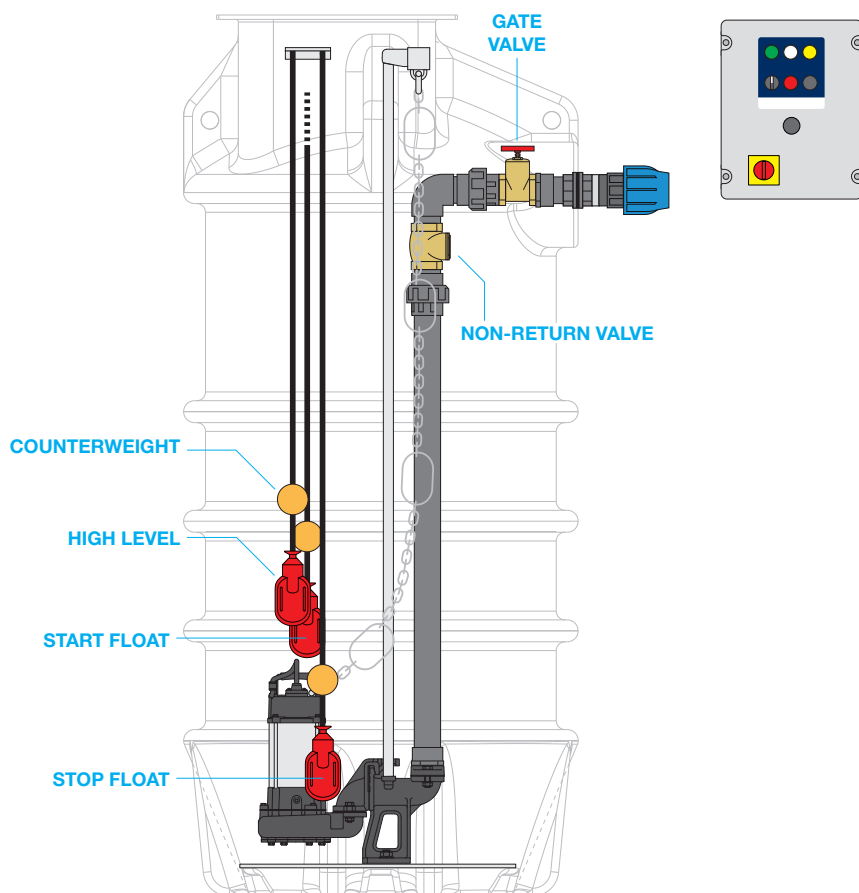
Access covers



Kiosks

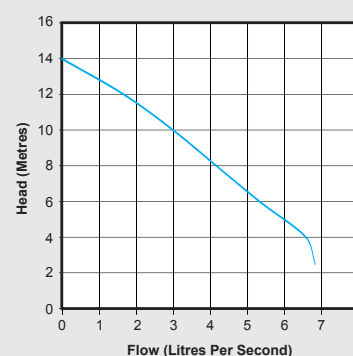
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# MagnaPro 800-2000 Macerator (3-phase)



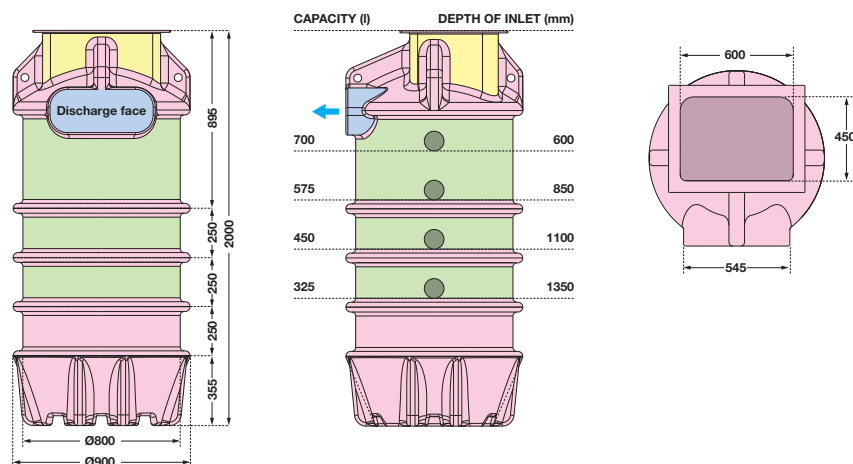
## PUMP SPECIFICATIONS

|                      |         |
|----------------------|---------|
| Number of pumps      | One     |
| Impellor type        | Grinder |
| Control              | Manual  |
| Power supply         | 415 VAC |
| Rated current        | 1.8 A   |
| Motor rating (P2)    | 750 W   |
| Revolutions per min. | 3000    |
| Discharge size       | 2"      |
| Free passage         | 6 mm    |
| Max. vertical output | 14 m    |
| Max. flow rate       | 6.6 l/s |
| Max liquid temp.     | <40 °C  |
| Cable length         | 10 m    |
| Weight               | 17 kg   |



## CHAMBER DIMENSIONS

Shows indicative capacities from lowest inlet invert.



## Permitted connection positions

|                |                        |                            |                     |
|----------------|------------------------|----------------------------|---------------------|
| Discharge only | Inlet location allowed | Cable ducts and vents only | No drilling allowed |
|----------------|------------------------|----------------------------|---------------------|

## CHAMBER SPECIFICATIONS

|                          |                         |
|--------------------------|-------------------------|
| Internal pipework        | 2" OD Class E PVC       |
| Discharge pipework       | 63 mm OD MDPE           |
| Lifting eyes             | 4 no                    |
| Maximum storage capacity | 700 litres              |
| Chamber material         | Tank-grade polyethylene |
| Dimensions (Ø x H)       | 900 x 2000 mm           |
| Clear opening            | 600 x 450 mm            |

## CONTROL PANEL SPECIFICATIONS

|                        |                    |
|------------------------|--------------------|
| Enclosure              | ABS plastic, IP54  |
| Volt-free contact      | No                 |
| Voltage                | 415 V              |
| Volts contact          | 24 V               |
| Dimensions (H x W x D) | 380 x 300 x 180 mm |

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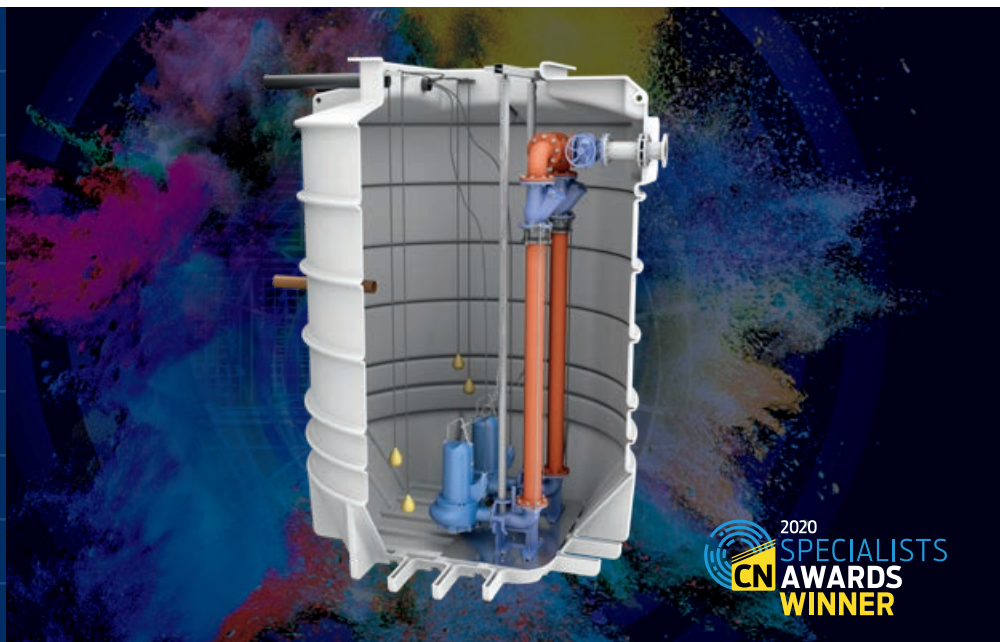
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