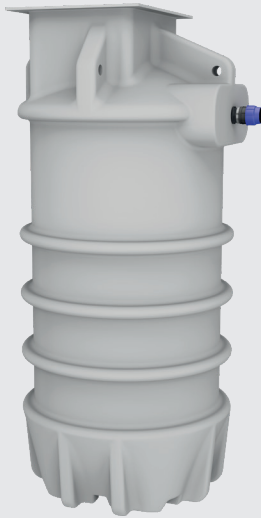
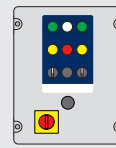


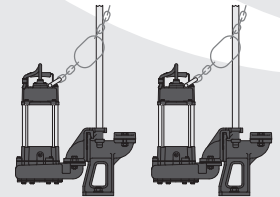
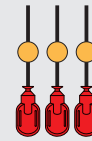
# MagnaPro Twin 800-2000 Macerator (3-phase)



## SYSTEM OVERVIEW



Control panel with 3 floats and counterweights



2 pedestal-mounted manual pumps with guide rails and lifting chains



2" Class E PVC pipework



110 mm inlet



2" brass valves



110 mm cable duct



63 mm MDPE discharge



110 mm vent

The MagnaPro Twin 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 pumps provide higher torque to minimise blockages, increased energy efficiency, and improved reliability compared to single-phase pumps. Their 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, two pedestal-mounted manual pumps with grinder impellers, 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
- Twin pumps for backup if one of the pumps fail
- Three-phase pumps for higher torque, increased energy efficiency, and improved reliability
- Up to 700 litres storage capacity
- 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

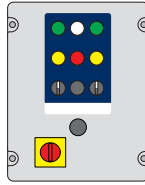
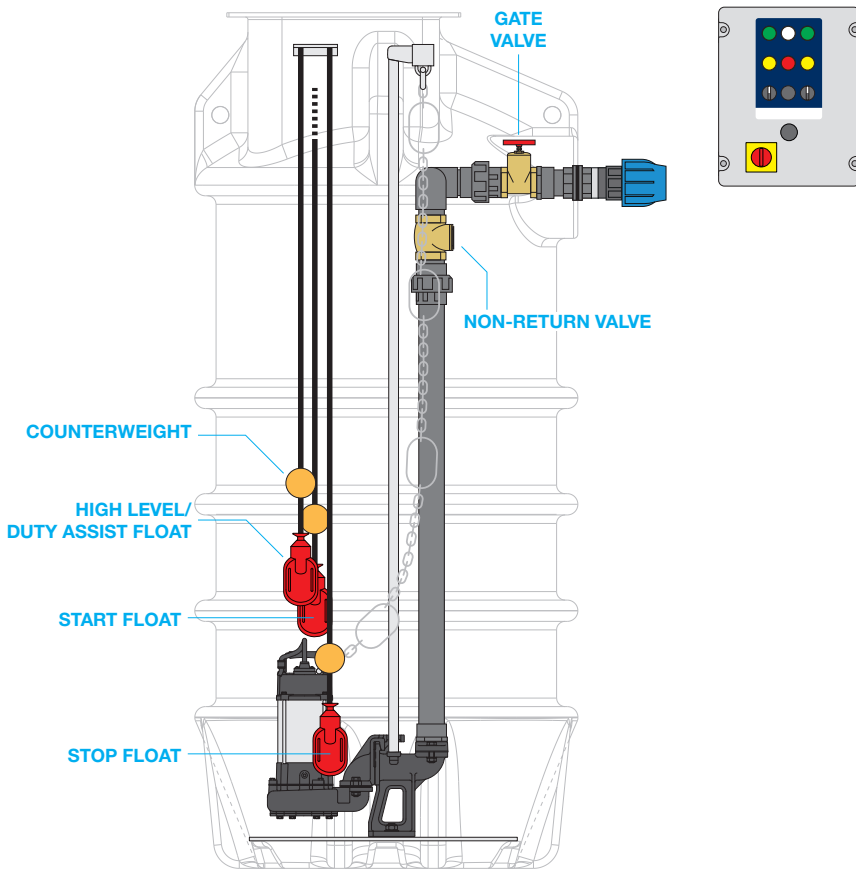
Level controls

Access covers

Kiosks

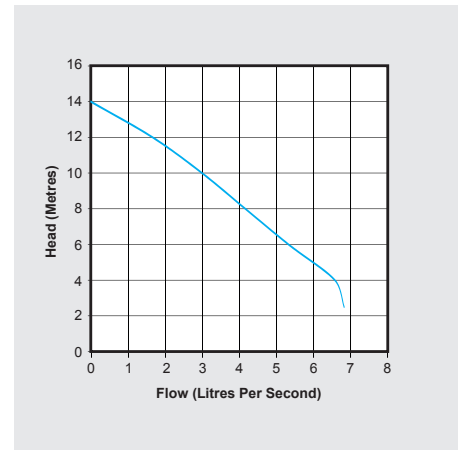
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# MagnaPro Twin 800-2000 Macerator (3-phase)



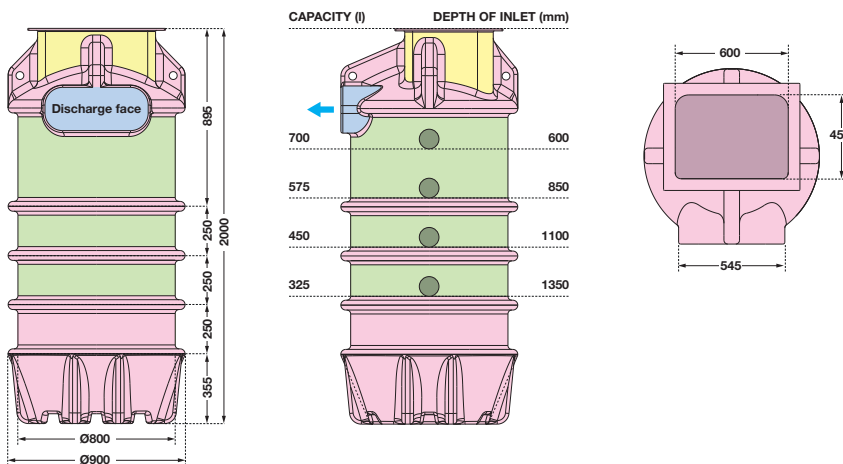
## PUMP SPECIFICATIONS

|                               |         |
|-------------------------------|---------|
| Number of pumps               | Two     |
| Impellor type                 | Grinder |
| Control                       | Manual  |
| Power supply                  | 415 VAC |
| Rated current per pump        | 1.8 A   |
| Motor rating (P2) per pump    | 750 W   |
| Revolutions per min.          | 3000    |
| Discharge size                | 2"      |
| Free passage                  | 6 mm    |
| Max. vertical output per pump | 14 m    |
| Max. flow rate per pump       | 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.



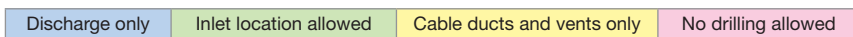
## CHAMBER SPECIFICATIONS

|                          |                         |
|--------------------------|-------------------------|
| 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              |
| Voltd contact          | 24 V               |
| Dimensions (H x W x D) | 380 x 300 x 180 mm |

## Permitted connection positions



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- Macerators and macerating toilets**
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Unit 8, Heron Business Park, Eastman Way,  
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