

Magna SS Twin 4500/4/80



The Magna SS Twin 4500/4/80 is a fully automatic floor mounted pumping station offering dual horizontally-mounted dry well pumps and a robust 4500 litre stainless steel chamber.

The system is suitable for pumping both foul and storm water to a higher level when gravity drainage is not possible and/or economical to install.

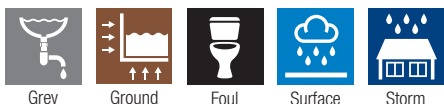
Manufactured in robust stainless steel with ductile iron pipe work the MagnaSS Twin combines top level aesthetics with hard wearing durability making it ideal for demanding commercial installation.

The system is supplied with a DN80 outlet and features pumps with vortex impellers. The control panel upstand also ensures the system can be installed in as compact an area as possible. The system is only suitable for three phase power.

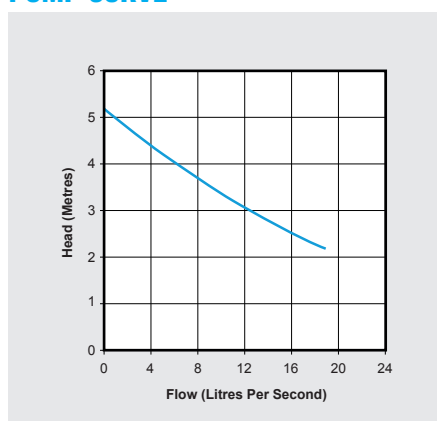
KEY FEATURES

- 4500 litre storage capacity
- Robust stainless steel chamber system
- Twin horizontally mounted vortex pumps
- DN80 outlet connection
- Space-saving control panel upstand
- Bespoke systems available contact our sales team to discuss your project

WASTE TYPE



PUMP CURVE



TECHNICAL DATA

MAGNA SS 4500/4/80	
Number of pumps	2
Power supply	400 VAC 50 Hz ~3
Impellor type	Vortex
Starting current	25.2 A
Starting torque	37.3 Nm
Rated current	3.6 A
Rated torque	12.8 Nm
Motor rating	1300 W
Frequency	50 Hz
Revolutions per min.	980 rpm
Max vertical output	4 m
Max flow rate	23 l/s
Free passage	75 mm
Input size	DN100
Discharge size	DN80
Tank capacity	4500 litres
Tank material	Stainless steel
Lifting eyes	2no
Level control type	Probes
Number of level controls	5no
CONTROL PANEL	
Enclosure	Metal, IP54
Volt-free contact	Yes, common fault
Voltage	400 VAC 50 Hz ~3
Volted contact	24 V
Dimensions W x H x L	400 mm x 500 mm x 210 mm

All our products can be customised to your requirements. For more information and advice please call our Sales Team on 01442 211554.

Technical drawing of a rectangular structure, likely a container or tank, showing dimensions and a side view.

Top View Dimensions:

- Overall width: 2537
- Overall height: 2000
- Top flange width: 220
- Top flange height: 150
- Distance from side wall to top flange center: 225
- Distance between top flange centers: 600

Side View Dimensions:

- Overall height: 1600
- Bottom flange height: 235
- Distance from side wall to bottom flange center: 200
- Distance from side wall to bottom flange edge: 215
- Distance from side wall to bottom flange center (total): 2537

Technical drawing of a rectangular frame with dimensions and internal structure. The overall dimensions are 2537 (width) and 1500 (height). The frame is divided into three vertical sections: a large square on the left (1500 x 1500) containing an 'X' shape, a narrow vertical rectangle in the middle (356 wide), and a larger rectangle on the right (831 wide). The right section is further divided horizontally into two parts: a top rectangle (215 high) and a bottom rectangle (1285 high). The total width is 1500 + 356 + 686 = 2537. The total height is 1500. The drawing includes corner fasteners (screws) and a small detail of a fastener head on the right side.

Technical drawing of a square manhole cover. The overall dimensions are 1500 mm by 1500 mm. The cover features a central square opening with a width of 600 mm and a height of 600 mm. There are three circular access points, each labeled "DN100 P16". Two are located at the top corners, with a center-to-center distance of 1500 mm and a vertical offset of 225 mm from the top edge. The third is located at the bottom center, with a vertical offset of 750 mm from the bottom edge and a horizontal offset of 230 mm from the center line. The cover is supported by two T-shaped bases, each with a width of 420 mm and a height of 200 mm. The distance between the bases is 660 mm.

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