

Magna SS Twin 3950/9/100



The Magna SS Twin 3950/9/100 is a fully automatic floor mounted pumping station offering dual horizontally-mounted dry well pumps and a robust 3950 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.

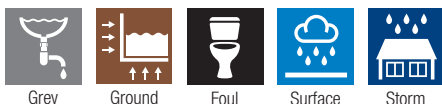
Manufactured in robust stainless steel with ductile iron pipe work the MagnaSS Twin combines top level aesthetics with hard wearing durability making it ideal for demanding commercial installation.

The system is supplied with a DN100 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.

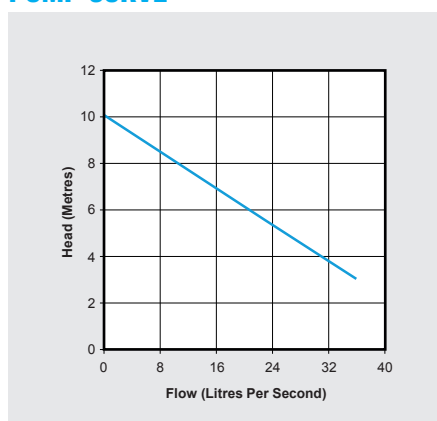
KEY FEATURES

- 3950 litre storage capacity
- Robust stainless steel chamber system
- Twin horizontally mounted vortex pumps
- DN100 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 3950/9/100	
Number of pumps	2
Power supply	400 VAC 50 Hz ~3
Impellor type	Vortex
Starting current	29.8 A
Starting torque	21.2 Nm
Rated current	4.6 A
Rated torque	14.6 Nm
Motor rating	2200 W
Frequency	50 Hz
Revolutions per min.	1450 rpm
Max vertical output	9 m
Max flow rate	36 l/s
Free passage	75 mm
Input size	DN100
Discharge size	DN100
Tank capacity	3950 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.

DIMENSIONS (mm)

Technical drawing of a ship's hull cross-section showing dimensions for the main hull, deck, and superstructure.

Main Hull Dimensions:

- Overall width: 2583
- Overall height: 1750
- Deck width: 1500
- Bottom thickness: 50

Superstructure Dimensions:

- Top width: 220
- Top height: 150
- Deck width: 600
- Deck height: 150
- Side height: 1600
- Side width: 215
- Side height: 235
- Side width: 382
- Side height: 200

Technical drawing of a rectangular tank with the following dimensions and features:

- Overall width: 1500
- Overall height: 1750
- Top width (internal): 600
- Top height (internal): 50
- Internal width between components: 720
- Internal height between components: 235
- Internal width from left wall to first component: 390
- Two circular components labeled **DN100 P16** are shown inside the tank.
- A label **DN100 P16** points to the right circular component.

Technical drawing of a rectangular panel with dimensions and internal structure. The overall dimensions are 2583 (width) and 1500 (height). The panel is divided into three main sections: a large square section on the left (1500 x 1500) containing a diagonal cross, a narrow vertical section in the middle (382 wide), and a section on the right (676 wide). The right section is further divided into two horizontal compartments, each 215 wide. The total width of the right section is 215 + 215 = 430. The total width of the panel is 1500 + 382 + 430 = 2312. The overall width of 2583 includes margins of 50 on the left and right sides. The overall height of 1500 includes margins of 50 on the top and bottom sides.

Technical drawing of a square manhole cover with dimensions and labels:

- Overall width: 1500
- Overall height: 1500
- Top-left manhole: DN100 P16, center-to-center distance from top edge: 225, center-to-center distance from left edge: 225.
- Top-right manhole: DN100 P16, center-to-center distance from top edge: 225, center-to-center distance from right edge: 225.
- Central rectangular opening: width 600, height 600.
- Bottom manhole: DN100 P16, center-to-center distance from bottom edge: 230, center-to-center distance from right edge: 750.
- Bottom mounting flange: width 390, height 200, centered under the bottom manhole.
- Bottom mounting flange: width 390, height 200, centered under the bottom manhole.
- Bottom mounting flange: width 720, height 200, centered under the bottom manhole.

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+44 (0)1442 211554
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Unit 7, Heron Business Park, Eastman Way,
Hemel Hempstead, Hertfordshire, HP2 7FW



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