



# Marsh ENsign Range

Sewage Treatment Plants From 6 – 50PE  
Uni:6 – 50



The ENsign Range of Sewage Treatments Plants is Certified to EN12566-3 and Designed in Accordance with British Water Loads & Flows Code of Practice

- Gravity & Pumped Outlet
- Shallow Invert 500mm
- Invert Risers Available
- Very Quiet Running
- Low Running Cost
- Stainless Steel Fixings
- Separate De-sludge Chamber
- Ex-stock normally within 72 hours

- ENsign Sewage Treatment Plants are extremely strong engineered to a minimum wall thickness of 5mm both internally and externally
- Powered by Energy Efficient Compressors
- Pumped Outlets are Jung U Range
- Compressor Alarms Are Standard
- Full Technical Design Service Available



**BOD**  
15mg/litre



## Marsh ENsign Range

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# Marsh ENsign Range

## Packaged Sewage Treatment Plants



## Introduction

Marsh Industries Limited, occupies a unique position in the field of reinforced plastics and polyethylene rota moulding, having the technical expertise and experience gained from over 25 years in the UK Construction Industry.

Based in Northamptonshire, Marsh Industries are ideally placed to deliver our product ranges across the U.K. We are committed to offering the industry high specification product. We have recently opened a new U.K. assembly plant just outside Northampton to cope with the increased demand on our products.

Our ENsign Uni tank Sewage Treatment Plant range is testimony to that commitment

All ENsign Uni tank's feature proven performance capabilities. All components are manufactured to the highest quality standards ISO 9001:2000.

We supply products to major Sewage Treatment Contractors and Consultants both here in the United Kingdom and throughout Europe.

We offer a guaranteed 72 hour delivery service on over 90% of our product range and what we believe to be an exceptional after sales service. We have a extensive list of existing customers who have been dealing with us for many years ,so we are sure like them you will be delighted in the product or service we provide.

## Other Marsh Products

- Uni: Holland pump chamber
- Uni: Gem 2 - Septic tank upgrades
- Uni: SAF above ground sewage treatment plant
- Uni: Gem Industrial & Commercial plants
- Well Water rain harvesting systems
- Geceptor - Bypass separators
- Anti flood valves
- Green Genie - washdown recycling systems

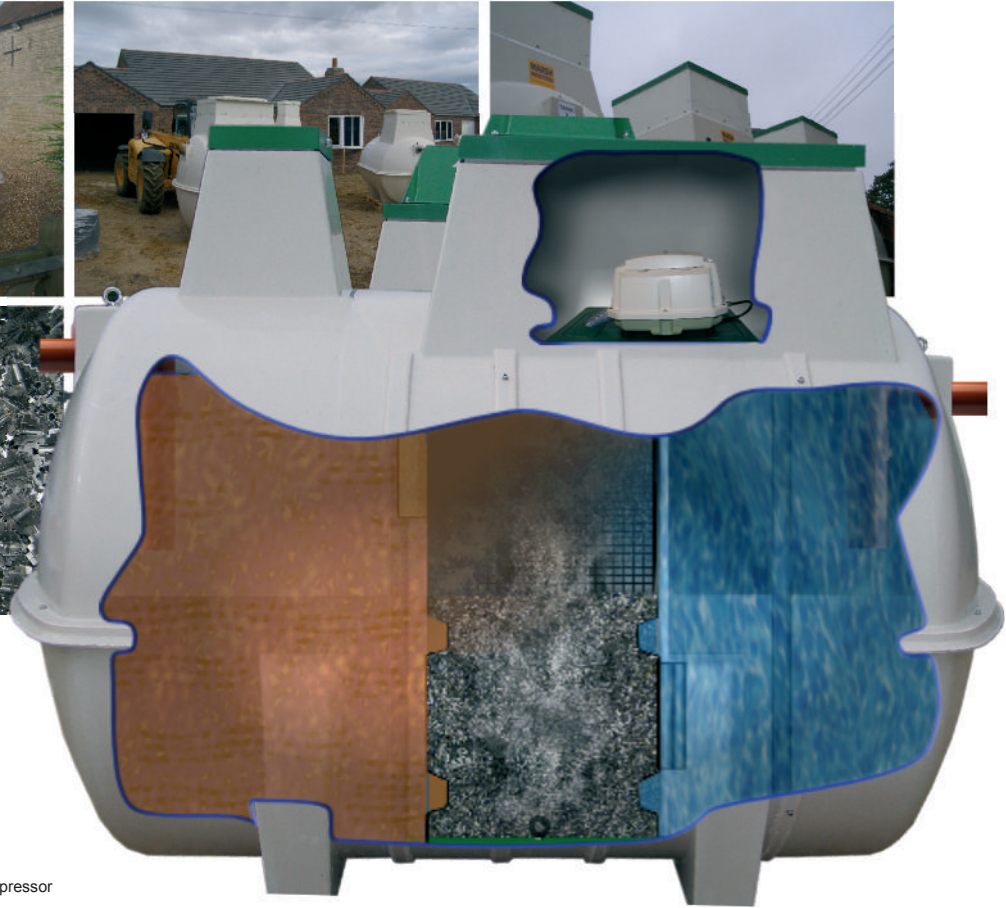


Illustration opposite shows Uni :6 with internal compressor

**Population Equivalent**

	Uni:6	Uni:10	Uni:12	Uni:15	Uni:20	Uni:25	Uni:35	Uni:50
<b>Overall Height</b>	2000	2000	2000	2250	2250	2250	2250	2500
<b>Overall Width</b>	1700	1700	1700	1700	1700	1700	1700	2500
<b>Overall Length</b>	2700	2700	2700	2700	2700x2	2700x2	2700x3	2700x4
<b>Ground Level To Inlet Invert</b>	500	500	500	500	500	500	500	500
<b>Ground Level To Outlet Invert</b>	575	575	575	575	600	600	600	610
<b>Compressor Blower</b>	internal	internal	internal	internal	internal	internal	internal	internal
<b>Power Consumption</b>	60w	80w	100w	100w	150w	1no. 150w	1no. 200w	1no. 250w
<b>Treatment Capacity (litres)</b>	3300	3460	3660	4000	6750	6850	11100	15800
<b>Effluent Quality</b>	20:30:20	20:30:20	20:30:20	20:30:20	20:30:20	20:30:20	20:30:20	20:30:20
<b>Design Hydraulic Flow (litres per day)</b>	1200	2000	2400	3000	4000	5000	7000	10000
<b>Design Organic (BOD)</b>	.36 kg/day	.60 kg/day	.72 kg/day	.90 kg/day	1.20 kg/day	1.50 kg/day	2.10 kg/day	3.00 kg/day
<b>Gravity System</b>	standard	standard	standard	standard	standard	standard	standard	standard
<b>Desludging Interval-Full Loading</b>	12 months	6-9 months	6-9 months	6-9 months	6-9 months	6-9 months	4-6 months	3-45 months
<b>Weight Empty in kilos (approx.)</b>	270	335	360	360	700	730	800	1200

Electricity Supply Single Phase 240/50  
 Invert Risers Available Up To 1500mm



Uni :20 & 25 (2 units)



Uni :35 (3 units)



Uni :50 (4 units)



# Marsh ENsign Range

Sewage Treatment Plants From 6 – 50PE

Uni:6 – 50



## Uni:ENsign 6-50PE Range

Hydraulic daily load:	1.2m <sup>3</sup> /day-10m <sup>3</sup> /day	
Material:	GRP	
Watertightness (water test):		<b>Pass</b>
Crushing resistance:		<b>Pass</b>
Treatment efficiency:	BOD:	<b>Pass</b>
	TSS:	<b>Pass</b>
	NH4:	<b>Pass</b>

Tested to BSEN12566-3: Aachen Germany

**BOD 15mg/litre**

## Warranty & Guarantee

- The minimum design life of the tank structure is twenty five years. (internally & externally)
- The compressor blower is covered by a two year guarantee.
- The diffuser is covered by a five year guarantee.
- Wall thickness of the chamber internal and external is 5mm.
- All metal components stainless steel.



BRITISH WATER

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