



## Diesel, Biodiesel and Waste Oil Solutions

Tried, Tested, Trusted



# Welcome to Harlequin

In 1981, Clarehill Plastics Ltd pioneered the development of environmentally preferred, rotationally moulded, environmental containers under the Harlequin brand.

Today's Harlequin range includes a wide selection of products for the storage of agricultural fuel oil, diesel, biodiesel, heating oil, potable and non-potable water, adblue, road salt, solid fuels, waste oils and lubricants.

The first choice in fuel storage and dispensing solutions within the agricultural, commercial and industrial sectors across Europe, Harlequin is a leading manufacturer of fuel stations which exceed the most demanding technical, environmental and regulatory requirements.



# Choosing the fuel storage solution that's right for you...



## Harlequin Fuel Points

Ideal for smaller, commercial, industrial and agricultural storage installations where the added value technologies incorporated into the Fuel Station range, are not required. Competitively priced, yet featuring the same high quality mouldings as the Fuel Station range, Harlequin Fuel Points offer a 'no-nonsense' specification. (Can also be used to store B7 Biodiesel).



## Harlequin Fuel Stations

Fuel Stations provide forecourt style refuelling convenience, with the assurance of a safe and secure on-site fuel storage solution. Fully bunded and available in capacities from c. 1300 litres to c. 10,000 litres, Harlequin Fuel Stations also come with a choice of voltages – 12v DC, 24v DC, 110v AC and 240v AC. The Harlequin range of Fuel Stations now features two revolutionary slimline models in 1300 and 2500 litre capacities. Can also be used to store B7 Biodiesel.



## Harlequin BioFuel Stations

Suitable for the storage of both regular diesel and biodiesel blends of up to B100 which are produced in accordance with EN14214. This range accommodates the specialist containment features required to store biodiesel fuel. Harlequin BioFuel Stations have been engineered to exceed the most demanding UK & European fuel storage requirements.



## Harlequin BioBunds

Biodiesel storage tanks designed for connection to biodiesel dispensing units and for use at installations incorporating fixed combustion appliances. Available in a choice of capacities from c. 1400 litres to c. 10,000 litres, this range is manufactured from the same specialist polymer as Harlequin BioFuel Stations. BioBunds are supplied complete with pre-fitted top outlet, incorporating a Biodiesel resistant anti-siphon valve and strainer.



## Harlequin Waste Oil Tanks

Purpose designed for the storage of waste oils and lubricants. Harlequin Waste Oil Tanks are fully compliant with all applicable requirements, each one benefitting from integral bunding, large capacity tundish and removable strainer. A self-priming hydrostatic contents gauge can also be supplied as an extra-cost option. This range is available in a choice of seven capacities, up to 2,500 litres.

## New for 2011...



### Harlequin Slimline Fuel Stations

Acknowledging the ever-increasing demand on the modern business to reduce operating costs and to maximise the efficiency of working facilities, Harlequin have decided to create a space saving fuel tank, intended to offer the convenience of forecourt refuelling capabilities, with minimal space requirements. At just 950mm wide, the new 1300 litre model still manages to incorporate 700mm wide door access. The term 'slimline' therefore, applies only to the outer dimensions of the tank. In all other respects, customers can enjoy the same ease of access as with other, standard fuel station models within the Harlequin range.

Harlequin Slimline Fuel Stations are available in either 1300 or 2500 litre capacities and are ideal for customers who are currently restricted by space. Each tank within the range benefits from lockable fill, inspection and access points - providing you with convenience and security as standard.

## Harlequin Accessories

### New! Spinsecure Lock

Harlequin Fuel Stations now come complete with revolutionary Spinsecure Locks as standard – making Harlequin tanks the most secure on the market.

This unique device acts as a safety lock on all 1300, 1400 and 2500 litre fuel station doors, and is fitted as standard to all 5000 and 10000 manhole lids.

Using a magnetic key system, the lock, much like a tap, will spin freely when secured. This makes it almost impossible to remove. Access to the tank can only be gained by using one of the two magnetic keys supplied with your Spinsecure pack – meaning that your fuel will never be more secure than when stored in a Harlequin tank!

In addition to the Spinsecure lock, all Harlequin 1400 and 2500 litre Fuel Points and Stations are also supplied complete with lockable fill points, inspection points and bund access. Furthermore, larger 5000 litre and 10000 litre models benefit from lockable cabinet access and an anti-siphon valve.



### Introducing... The Cim-Tek Tank Dryer

The Cim-Tek Tank Dryer is a water filtration device which sits at the bottom of your Fuel Point / Station, removing any water from the source. The Tank Dryer is made from super absorbent polymer and visibly swells once water is absorbed.

Unlike alternative water filtration systems, Tank Dryer does not affect your pump performance during the filtration process – meaning you get full protection and maximum convenience from full flow rates at all times!

All Harlequin Fuel Stations now come with this easy-to-use filtration device as standard. Simply check the filter once a week to monitor absorbency levels and replace every 3 months for optimum tank and fuel performance.



### Take Care of Your Fuel!

Today's high performance common rail diesel engines demand high quality fuel. That's why a 10 micron particulate filter is supplied as standard with every Harlequin Fuel Station and BioFuel Station and is available as an extra cost option on all Harlequin Fuel Points.

The standard 10 micron particulate filter can be substituted for a 30 micron particulate and water filter on all 240V Fuel Stations – providing additional protection against residual particulate and water ingress. Remember to specify your choice of filter on your order!



# Harlequin Fuel Stations & Fuel Points

TRANSFORMING DIESEL STORAGE AND DISPENSING ACROSS EUROPE



**NEW**

**1300SLFP Slimline Fuel Point**



**1400FP Fuel Point**



**2500FP Fuel Point**



**NEW**

**1300SLFS Slimline Fuel Station**



**1400FS Fuel Station**



**2500FS Fuel Station**



**NEW**

**2500SLFP Slimline Fuel Point**



**5000FP Fuel Point**



**NEW**

**2500SLFS Slimline Fuel Station**



**5000FS Fuel Station**



**10000FS Fuel Station**



All 1300, 1400 and 2500 litre Fuel Station models come complete with a mechanical flow metre as standard. Larger 5000 and 10000 models are supplied with a digital meter. Fuel Points can also benefit from a mechanical flow metre as an optional extra on all models.

## Harlequin Waste Oil Tanks

DESIGNED FOR THE STORAGE OF WASTE OILS AND LUBRICANTS.



**ORB350 Waste Oil**



**ORB650 Waste Oil**



**ORB1000 Waste Oil**



**ORB1200 Waste Oil**



**ORB1400 Waste Oil**



**ORB2000 Waste Oil**



**ORB2500 Waste Oil**

A hydrostatic contents gauge can be specified as an extra cost option on all models. Simply specify at the time of ordering.

## Harlequin BioFuel Stations

DEVELOPED SPECIFICALLY FOR THE SAFE, SECURE AND ENVIRONMENTALLY RESPONSIBLE STORAGE OF REGULAR DIESEL, TOGETHER WITH BIODIESEL BLENDS UP TO B100.



**1400BFS BioFuel Station**



**2500BFS BioFuel Station**



**5000BFS BioFuel Station**



**10000BFS BioFuel Station**

# Harlequin BioBunds

DEVELOPED FOR THE SAFE, SECURE AND ENVIRONMENTALLY RESPONSIBLE STORAGE OF DIESEL AND BIODIESEL BLENDS UP TO B100.



BB1450 ENV BioBund



BB2500 ENV BioBund



BB5400 ENV BioBund



BB10000 ENV BioBund

# Tank Specifications

Fittings	1300SLP	1400FP	2500FP	2500SLP	5000FP	1300SLFS	1400FS	2500SLFS	2500FS	5000FS	10000FS	1400BFS	2500BFS	5000BFS	10000BFS	BB1450 ENV	BB2500 ENV	BB5400 ENV	BB10000 ENV
4M DELIVERY HOSE	●	●	●	●	●	●	●					●							
6M DELIVERY HOSE									●	●	●		●	●	●				
240V AC PUMP	●	●	●	●	●								●	●	●				
CHOOSE: 56 LPM OR 72LPM PUMP ON 240V OPTION						▲	▲	▲	▲	▲	▲								
CHOOSE: 110V AC, 240V AC, 12V DC OR 24V DC						▲	▲	▲	▲	▲	▲								
NOZZLE WITH AUTOMATIC SHUT OFF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
OVERFILL PREVENTION CAPABILITY	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OVERFILL PREVENTION VALVE (12/24V DC ONLY)										●	●								
INTEGRAL BUNDING	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LOCKABLE FILL POINT	●	●	●	●	●	●	●	●	●			●	●			●	●	●	●
LOCKABLE INSPECTION POINT	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LOCKABLE EQUIPMENT ACCESS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
LOCKABLE MANHOLE ACCESS					●					●	●					●	●	●	●
BULKHEAD LIGHT ON 240V OPTION						●	●	●	●	●	●	●	●	●	●				
INTEGRAL VENTING	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OFFSET FILL POINT (CONTAINS LEVER TYPE ISOLATION VALVE AND NON RETURN VALVE ALL MODELS EXCEPT BB5400ENV)					●					●	●				●				●
ELECTRONIC BUND WARNING ALARM					●					●	●			●	●	●	●	●	●
1" DIA TOP OUTLET (COMPLETE WITH NON-RETURN VALVE & STRAINER)																●	●	●	●
OVERFILL WARNING ALARM (110V AC & 240V AC ONLY)					●					●	●			●	●				
10 MICRON PARTICULATE FILTER	■	■	■	■	■							●	●	●	●				
CHOOSE: 10 MICRON PARTICULATE FILTER OR 30 MICRON PARTICULATE & WATER FILTER (ON 240V MODELS)						▲	▲	▲	▲	▲	▲								
HIGH ACCURACY DIGITAL FLOW METER										●	●			●	●				
MECHANICAL FLOW METER	■	■	■	■	■	●	●	●	●			●	●						
ELECTRONIC CONTENTS GAUGE	■	■	■	■		●	●	●	●			●	●			●	●	●	●
FOZMULA L100 CONTENTS GAUGE					●					●	●			●	●				
TANK CONTENTS DIPSTICK	●	●	●	●	●	●	●	●	●			●	●			●	●		
FUEL MANAGEMENT SYSTEM (ON 110V & 240V)										■	■			■	■				
FUEL MANAGEMENT SYSTEM USER KEYS - 10 KEYS										■	■			■	■				
SPINSECURE LOCK						●	●	●	●	●	●	●	●	●	●				
CIM-TEK TANK DRYER	■	■	■	■	■	●	●	●	●	●	●	●	●	●	●				
WARRANTY ON TANKS IN YEARS (NOT INCLUDING ACCESSORIES) *	10	10	10	10	10	10	10	10	10	10	10	10	2	2	2	2	2	2	2
WARRANTY ON KIT PARTS AND COMPONENTS (MONTHS) *	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

● Supplied as standard ▲ Variable options available (no extra cost) ■ Optional added-cost extra

\* Subject to relevant installation and maintenance requirements

# Harlequin Quick Reference Guide

## TANK DIMENSIONS

Tank	CAPACITY (LITRES)	LENGTH (MM)	WIDTH (MM)	DIAMETER (MM)	HEIGHT (MM)	WEIGHT (KG)
<b>1300SLFP/1300SLFS</b>	1,335	2,300	950	-	1,850	170
<b>1400FP/FS/BFS</b>	1,413	-	-	1,570	1,930	147
<b>2500SLFP/2500SLFS</b>	2,411	2,550	1,385	-	1,985	210
<b>2500FP/FS/BFS</b>	2,580	-	-	2,090	1,930	200
<b>5000FP/FS/BFS</b>	5,042	2,800	2,200	-	2,270	380
<b>10000FS/BFS</b>	10,100	3,250	2,800	-	3,350	725
<b>ORB350</b>	333	-	-	980	1,300	48
<b>ORB650</b>	645	1,715	670	-	1,440	110
<b>ORB1000</b>	1,003	2,150	710	-	1,525	135
<b>ORB1200</b>	1,251	1,900	1,600	-	1,055	130
<b>ORB1400</b>	1,380	1,900	1,250	-	1,560	135
<b>ORB2000</b>	2,005	2,360	1,320	-	1,520	185
<b>ORB2500</b>	2,442	2,460	1,435	-	1,575	215
<b>BB1450</b>	1,413	-	-	1,540	1,590	105
<b>BB2500</b>	2,442	2,460	1,435	-	1,470	210
<b>BB5400</b>	5,042	-	-	2,575	2,125	325
<b>BB10000</b>	10,100	3,250	2,800	-	3,350	725

### KEY

- FP (Fuel Point)
- FS (Fuel Station)
- SLFS (Slimline Fuel Station)
- BFS (BioFuel Station)
- ORB (Oil Recycling Bank)
- BB (BioBand)

For information on the features and components of each tank, please refer to page 11

### ALSO AVAILABLE:



HARLEQUIN APPROVED RESELLER

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