



Biodiesel, Diesel and Waste Oil Solutions

Tried, tested and trusted tanks from Clarehill Plastics Limited



INVESTOR IN PEOPLE



Harlequin.

Tried, tested and trusted tanks from Clarehill Plastics Limited

Established in 1981, Clarehill Plastics Limited is today established as one of Europe's leading manufacturers of rotationally moulded fuel storage products under the Harlequin brand.

With a wide range of different models and capacities available up to 10,000 litres... there is sure to be a Harlequin to suit almost any agricultural, commercial, domestic or industrial installation. Every Harlequin has been engineered from the outset to exceed the most demanding technical, environmental and regulatory requirements.

Today's Harlequin range consists of products for the storage of Agricultural Fuel Oil, Biodiesel, Diesel, Heating Oil, Non Potable Water, Potable Water, Road Salt, Solid Fuels, Waste Oils and Lubricants. To view the complete Harlequin range, visit your local Harlequin Reseller or visit Harlequin Online in the UK at www.oil-tanks.co.uk, or in the Republic of Ireland visit www.oil-tanks.net



HARLEQUIN FUEL STATIONS combine the acknowledged environmental benefits of integral bunding with the very latest fuel storage and dispensing technology. Bristling with added value features as standard, Harlequin Fuel Stations are ideal for the storage of Diesel Fuel at installations serving plant, vehicles and equipment powered by current and future generation, high performance diesel engines. Additionally, Fuel Stations can also be used for the storage and dispensing of B5 Biodiesel i.e. fuel with a bio-element not exceeding 5% concentration.



HARLEQUIN FUEL POINTS are ideal for smaller storage installations where the added value technologies that characterise the standard Fuel Station range are not required. Competitively priced, yet featuring the same, high quality mouldings as the Fuel Station range, Harlequin Fuel Points incorporate a 'fit for purpose', 'no frills', 'no nonsense' equipment specification. Like Fuel Stations, Fuel Points can also be used for the storage and dispensing of B5 Biodiesel i.e. fuel with a bio-element not exceeding 5% concentration.



HARLEQUIN BIOFUEL STATIONS recognise that Biodiesel is a specialist fuel, which requires specialist containment. Manufactured from a specialist grade of Medium Density Polyethylene, they are suitable for the storage of both regular Diesel and Biodiesel blends of up to B100 produced in accordance with EN14214. Benefiting from integrally bunded construction, every Harlequin BioFuel Station has been engineered from the outset to exceed the most demanding European fuel storage requirements.



HARLEQUIN BIOBUNDS are available in a choice of capacities from c.1,400 litres to c.10,000 litres. 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. They are ideal for connection to remotely located Biodiesel dispensing units and for use at installations incorporating fixed combustion appliances.



HARLEQUIN WASTE OIL TANKS have been purpose designed for the storage of waste oils and lubricants. Fully compliant with all applicable requirements, each Harlequin Waste Oil Tank benefits from integrally bunded construction, large capacity tundish and removable strainer. A self-priming hydrostatic contents gauge can also be supplied as an extra-cost option. Available in a choice of 6 different capacities up to 2,000 litres, Harlequin Waste Oil Tanks are the preferred choice of oil recycling companies and civic amenity site operators nationwide.

Which Fuel Station, BioFuel Station or Fuel Point for which Application?

With a choice of 4 different capacities from 1,400 litres to 10,000 litres for the storage of Diesel or Biodiesel... the toughest decision is knowing which model to choose. To help, we've provided a useful overview of how many time you'll be able to fill a selection of Diesel and Biodiesel powered vehicles and equipment from different capacities of tank.

Please be aware however that vehicle and equipment fuel tank capacities and consumption will vary from manufacturer to manufacturer and model to model. Therefore, the table below should only be considered as a guide.



CAPACITY: LITRES	1400	2500	5000	10000
Large Mower	65 fills	124 fills	248 fills	497 fills
Car Derived Van	29 fills	52 fills	104 fills	208 fills
Family Hatchback	25 fills	45 fills	90 fills	181 fills
Full Size Van	17 fills	31 fills	62 fills	125 fills
7.5 Tonne Truck	11 fills	20 fills	40 fills	78 fills

CAPACITY: LITRES	1400	2500	5000	10000
Midi Type Bus	6 fills	11 fills	22 fills	43 fills
44 Tonne Truck	3 fills	5 fills	11 fills	23 fills
Agricultural Tractor	2 fills	3 fills	7 fills	14 fills
Combine Harvester	1 fill	3 fills	6 fills	12 fills



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 Point models.

The standard 10 micron Particulate Filter can be substituted with a 30 micron Particulate and Water Filter on all 240 volt Fuel Stations – providing additional protection against residual particulate and water ingress... just specify at time of order placement.

Protection is the best form of Defence... Lock, Stop and Barrel!

Featuring a premium specification and characterised by high quality mouldings... Harlequin Fuel Stations are sure to attract attention.

To make sure they don't attract the wrong kind of attention, 1400 and 2500 litre models are supplied with lockable fill point, inspection point and bund access. Additionally, larger 5,000 litre and 10,000 litre models benefit from lockable cabinet access and anti-siphon valve. Harlequin Fuel Points also incorporate from the same level of protection against fuel theft. Harlequin BioBunds are supplied complete with lockable fill point, lockable inspection point and lockable manhole access; whilst Harlequin Waste Oil Tanks feature a large diameter, lockable flip lid. For complete peace of mind and reassurance, all you need to do is fit your own padlock.



IMPORTANT INFORMATION

All electrical connections on mains powered Harlequin Fuel Station, BioFuel Stations and Fuel Points should only be undertaken by a competent, independently accredited electrician. All Harlequin products must be installed and maintained in accordance with supplied instructions and prevailing statutory requirements. Clarehill Plastics Limited will assume no responsibility whatsoever for installations which do not comply with these requirements.

Harlequin Fuel Stations

Harlequin Fuel Stations have transformed Diesel storage and dispensing at thousands of installations across Europe.

Regulatory compliant, Harlequin Fuel Stations combine forecourt style refuelling convenience, with the assurance of supply that only a safe, secure, on-site, fuel storage solution can provide. Fully bunded, when installed and maintained by a suitably competent person, each Fuel Station can assist in achieving compliance with the most demanding requirements.

A range of capacities is available from c.1,400 litres to c.10,000 litres, together with a choice of voltages - 12v DC, 24v DC, 110v AC and 230v AC. Irrespective of model, voltage or capacity chosen, all Fuel Stations are characterised by premium quality product mouldings and the latest fuel dispensing equipment, engineered to a Harlequin Approved Specification by market leading fuel oil equipment manufacturers



Standard Equipment

ALL HARLEQUIN FUEL STATIONS:

- Choice of 12v DC, 24v DC, 110v AC or 230v AC Power Supply
- Dispensing Nozzle with Automatic Shut Off
- Tank Contents Gauge
- Failsafe Overfill Prevention Capability
- Integral Bunding
- Emergency Isolation Switch
- Lockable Fill Point
- Lockable Inspection Point
- 10 micron Particulate Filter

1400FS AND 2500FS ONLY:

- 4m (1400FS) and 6m Dispensing Hose (2500FS)
- Oil Tank Contents Dipstick
- Oil Tank Contents Gauge
- Mechanical Flow Meter
- Lockable Equipment Access

5000FS AND 10000FS ONLY:

- 6m Dispensing Hose
- Oil Tank Contents Gauge
- High Accuracy Digital Flow Meter
- Offset Lockable Fill Point with Lever Type Isolation Valve and Anti Siphon Valve
- Electronic Bund Warning Alarm
- Overfill Prevention Valve ⁽¹⁾ – 12/24v DC only
- Overfill Warning Alarm – 110v AC and 240v AC only
- Lockable Cabinet Access

Optional Equipment

ALL 240V MODELS:

- 30 micron Particulate and Water Filter instead of 10 micron Particulate Filter
- 72lpm Pump instead of standard 56lpm Pump

ALL 110V AND 240V 5000FS AND 10000FS MODELS:

- 80 user Fuel Management System
- On-site Fuel Management System commissioning ⁽²⁾
- 10 Fuel Management System User Keys

⁽¹⁾ Please note that Mechanical Overfill Prevention Valves are not failsafe and thus in the event of product failure, an overfill can result. Mechanical Overfill Prevention Valves should therefore only be used in conjunction with a Failsafe Overfill Prevention System such as the LRC Overfill Prevention System.

⁽²⁾ Mainland Great Britain, Northern Ireland and Republic of Ireland only.



1400FS Fuel Station

NOMINAL CAPACITY:	1,413 litres
DIAMETER:	1,580 mm
HEIGHT:	1,930 mm
WEIGHT:	147 kg



2500FS Fuel Station

NOMINAL CAPACITY:	2,580 litres
DIAMETER:	2,090 mm
HEIGHT:	1,930 mm
WEIGHT:	200 kg



5000FS Fuel Station

NOMINAL CAPACITY:	5,042 litres
LENGTH:	2,950 mm
WIDTH:	2,520 mm
HEIGHT:	2,500 mm
WEIGHT:	380 kg



10000FS Fuel Station

NOMINAL CAPACITY:	9,595 litres
LENGTH:	3,265 mm
WIDTH:	2,800 mm
HEIGHT:	3,350 mm
WEIGHT:	725 kg



IMPORTANT INFORMATION

All electrical connections on mains powered Harlequin Fuel Station, BioFuel Stations and Fuel Points should only be undertaken by a competent, independently accredited electrician. All Harlequin products must be installed and maintained in accordance with supplied instructions and prevailing statutory requirements. Clarehill Plastics Limited will assume no responsibility whatsoever for installations which do not comply with these requirements.

Harlequin BioFuel Stations

Harlequin BioFuel Stations have been developed specifically for the safe, secure and environmentally responsible storage of regular Diesel, together with Biodiesel blends up to B100, produced in accordance with the requirements of British Standard BSEN14214.

Fully bunded and manufactured from a specialist, Biodiesel resistant grade of Polyethylene – Harlequin BioFuel Stations are fully compliant with all applicable requirements contained within the most demanding British and European Regulations – including The Control of Pollution (Oil Storage) (England) Regulations 2001 and The Water Environment (Oil Storage) (Scotland) Regulations 2006.



Standard Equipment

ALL HARLEQUIN BIOFUEL STATIONS:

- 230v AC Pump
- Dispensing Nozzle with Automatic Shut Off
- Tank Contents Gauge
- Failsafe Overfill Prevention Capability
- Integral Bunding
- Emergency Isolation Switch
- Lockable Fill Point
- Lockable Inspection Point
- Lockable Equipment Access
- 10 micron Particulate Filter
- Integral, weatherproof venting

1400BFS AND 2500BFS ONLY:

- 4m Dispensing Hose
- Oil Tank Contents Dipstick
- Oil Tank Contents Gauge
- Mechanical Flow Meter

5000BFS AND 10000BFS ONLY:

- 6m Dispensing Hose
- Oil Tank Contents Gauge
- High Accuracy Digital Flow Meter
- Offset Lockable Fill Point with Lever Type Isolation Valve and Anti Siphon Valve
- Electronic Bund Warning Alarm
- Lockable Manhole Access
- Lockable Cabinet Access

Optional Equipment

1400BFS AND 2500BFS ONLY:

- Bund Warning Alarm

5000BFS AND 10000BFS ONLY:

- 80 user Fuel Management System
- On-site Fuel Management System commissioning ⁽¹⁾
- 10 Fuel Management System User Keys

⁽¹⁾ Mainland Great Britain, Northern Ireland and Republic of Ireland only.



1400BFS Fuel Station

NOMINAL CAPACITY:	1,413 litres
DIAMETER:	1,580 mm
HEIGHT:	1,930 mm
WEIGHT:	147 kg



2500BFS Fuel Station

NOMINAL CAPACITY:	2,580 litres
DIAMETER:	2,090 mm
HEIGHT:	1,930 mm
WEIGHT:	200 kg



5000BFS Fuel Station

NOMINAL CAPACITY:	5,042 litres
LENGTH:	2,950 mm
WIDTH:	2,520 mm
HEIGHT:	2,500 mm
WEIGHT:	380 kg



10000BFS Fuel Station

NOMINAL CAPACITY:	9,595 litres
LENGTH:	3,250 mm
WIDTH:	2,800 mm
HEIGHT:	3,265 mm
WEIGHT:	725 kg



IMPORTANT INFORMATION

All electrical connections on mains powered Harlequin Fuel Station, BioFuel Stations and Fuel Points should only be undertaken by a competent, independently accredited electrician. All Harlequin products must be installed and maintained in accordance with supplied instructions and prevailing statutory requirements. Clarehill Plastics Limited will assume no responsibility whatsoever for installations which do not comply with these requirements. Harlequin BioFuel Stations are only suitable for the storage of Biodiesel blends up to B100 and in accordance with the Summer and Winter fuel requirements detailed in British Standard BS EN14214.

Harlequin Fuel Points

Ideal for smaller installations where the added value features that characterise the Fuel Station range are not required, Harlequin Fuel Points provide an affordable, regulatory compliant, Diesel storage solution.



1400FP Fuel Point

NOMINAL CAPACITY:	1,413 litres
DIAMETER:	1,570 mm
HEIGHT:	1,930 mm
WEIGHT:	147 kg



2500FP Fuel Point

NOMINAL CAPACITY:	2,580 litres
DIAMETER:	2,090 mm
HEIGHT:	1,930 mm
WEIGHT:	200 kg



5000FP Fuel Point

NOMINAL CAPACITY:	5,042 litres
LENGTH:	2,950 mm
WIDTH:	2,520 mm
HEIGHT:	2,500 mm
WEIGHT:	420 kg

Standard Equipment

ALL HARLEQUIN FUEL POINTS:

- 4 metre Delivery Hose
- 230v AC Pump
- Dispensing Nozzle with Automatic Shut Off
- Failsafe Overfill Prevention Capability
- Integral Bunding
- Lockable Fill Point
- Lockable Inspection Point
- Lockable Equipment Access
- Integral Venting

5000FP ONLY:

- Oil Tank Contents Gauge
- Offset Lockable Fill Point with Lever Type Isolation Valve and Anti Siphon Valve
- Electronic Bund Warning Alarm
- Overfill Warning Alarm
- Lockable Manhole Access

Optional Equipment

ALL MODELS:

- 10 micron Particulate Filter
- Mechanical Flow Meter

1400FP AND 2500FP ONLY:

- Bund Warning Alarm
- Electronic Oil Tank Contents Gauge



IMPORTANT INFORMATION

All electrical connection on mains powered Harlequin Fuel Station, BioFuel Stations and Fuel Points should only be undertaken by a competent, independently accredited electrician. All Harlequin products must be installed and maintained in accordance with supplied instructions and prevailing statutory requirements. Clarehill Plastics Limited will assume no responsibility whatsoever for installations which do not comply with these requirements.

Harlequin BioBunds

Manufactured from the same, specialist polymer as Harlequin BioFuel Stations, Harlequin BioBunds have been developed especially for the safe, secure and responsible storage of Diesel and Biodiesel blends up to B100. They are ideal for the storage of Biodiesel at installations serving fixed combustion appliances or pedestal dispensing units.

Each BioBund is supplied complete with lockable fill and inspection points; weatherproof venting; lockable manhole access; electronic contents gauge; failsafe overfill prevention capability; bund warning alarm; and 1" diameter top outlet complete with non-return valve and strainer.



BB1450 ENV

NOMINAL CAPACITY:	1,413 litres
DIAMETER:	1,540 mm
HEIGHT:	1,590 mm
WEIGHT:	105 kg



BB2700 ENV

NOMINAL CAPACITY:	2,656 litres
LENGTH:	2,395 mm
WIDTH:	1,720 mm
HEIGHT:	1,650 mm
WEIGHT:	190 kg



BB5400 ENV

NOMINAL CAPACITY:	5,042 litres
DIAMETER:	2,575 mm
HEIGHT:	2,125 mm
WEIGHT:	325 kg



BB10000 ENV

NOMINAL CAPACITY:	9,595 litres
LENGTH:	3,250 mm
WIDTH:	2,800 mm
HEIGHT:	3,265 mm
WEIGHT:	725 kg

Harlequin Waste Oil Tanks

Fully bunded, Harlequin Waste Oil Tanks exceed all current and envisaged British, Irish and European Waste Oil Storage Requirements. Available in a choice of 6 different models, they are supplied complete with large capacity tundish, weatherproof lid and removable strainer.

A hydrostatic contents gauge can be specified as an extra cost option on all models – just specify at time of order.



ORB350

ACTUAL CAPACITY:	350 litres
DIAMETER:	980 mm
HEIGHT:	1,300 mm
WEIGHT:	50 kg



ORB650

ACTUAL CAPACITY:	679 litres
LENGTH:	1,715 mm
WIDTH:	670 mm
HEIGHT:	1,440 mm
WEIGHT:	110 kg



ORB1000

ACTUAL CAPACITY:	1,056 litres
LENGTH:	2,150 mm
WIDTH:	710 mm
HEIGHT:	1,525 mm
WEIGHT:	135 kg



ORB1200

ACTUAL CAPACITY:	1,317 litres
LENGTH:	1,900 mm
WIDTH:	1,600 mm
HEIGHT:	1,055 mm
WEIGHT:	130 kg



ORB1400

ACTUAL CAPACITY:	1,453 litres
LENGTH:	1,900 mm
WIDTH:	1,250 mm
HEIGHT:	1,560 mm
WEIGHT:	135 kg



ORB2000

ACTUAL CAPACITY:	2,110 litres
LENGTH:	2,360 mm
WIDTH:	1,320 mm
HEIGHT:	1,520 mm
WEIGHT:	185 kg

Harlequin. A Bigger Range. A Better Choice.

In addition to a market leading range of fuel and liquid storage solutions for Biodiesel, Diesel and Waste Oil, Harlequin also offers a comprehensive choice of solutions for Heating Oil, Potable Water and Non Potable Water.

Irrespective of application, all Harlequin tanks have been engineered from the outset to comply with the most demanding British, Irish and European Technical requirements.

All Harlequin Bunded Heating Oil Tanks are fully compliant with the relevant product requirements contained within The Control of Pollution (Oil Storage) (England) Regulations 2001, The Water Environment (Oil Storage) (Scotland) Regulations 2006, British Standard BS5410 and comparable requirements throughout the United Kingdom, Republic of Ireland, Channel Islands and Isle of Man.

Harlequin Potable Water Tanks have been approved by the Water Regulations Advisory Scheme in the United Kingdom.

To find out more about the complete Harlequin range, contact your local Harlequin Reseller, visit Harlequin Online at www.oil-tanks.co.uk or buy online from a Harlequin Accredited Reseller.



Get the most from your storage tank

Every Harlequin benefits from almost three decades continuous experience in the design, development and manufacture of environmentally preferred, rotationally moulded fuel storage solutions and benefits from nationwide service support. To maximise the benefits you derive from your fuel storage tank, you should ensure:

- All Harlequin products are installed by an OFTEC Registered Technician or similarly competent person in accordance with supplied instructions and prevailing statutory requirements.
- Where applicable, all electrical connections should only be undertaken by a competent, professionally accredited electrician
- All Harlequin tanks must be placed upon a flat, level base that can fully support the weight of the tank when fully laden
- All fuel storage tanks are inspected annually by an OFTEC Registered Technician
- All electrical connections should be inspected at least annually by a competent, professionally accredited electrician
- You familiarise yourself with the operation of your storage tank and the supplied Oil Care Campaign instructions

There are OFTEC Registered Technicians throughout the United Kingdom, Republic of Ireland, Channel Islands and Isle of Man and who are deemed competent to undertake storage tank installation and maintenance. To find your local OFTEC Registered Technician you can call OFTEC from within the UK on 0845 65 85 080 or from the Republic of Ireland, call 0044 845 65 080. Alternatively, visit OFTEC Online at www.oftec.co.uk.



For the latest product information visit Harlequin Online

For the latest product and company information, visit Harlequin Online. In the United Kingdom, Channel Islands and Isle of Man, click www.oil-tanks.co.uk. In the Republic of Ireland visit Harlequin Online at www.oil-tanks.net.

Online, you'll find the very latest product and company news, product brochure and technical information downloads, together with the very latest news in association with OilFiredUp.com.

HARLEQUIN OIL TANKS from Clarehill Plastics Limited
21 Clarehill Road Moira Co. Armagh Northern Ireland BT67 0PB
T: +44 (0)28 9261 1077 **F:** +44 (0)28 9261 2672 **E:** info@clarehill.com **W:** www.harlequinplastics.co.uk



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