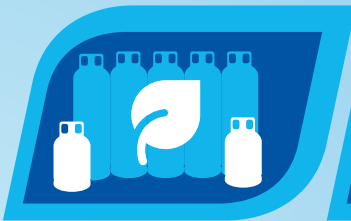
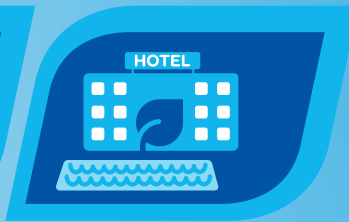


LPG for fork-lift trucks.
Nothing else stacks up



people with energy

LPG – an array of environmental advantages



Global warming is of concern to us all. Therefore, a clean fuel like LPG which can power fork-lift trucks without contributing to climate change has to be worth considering.

A natural source of energy

LPG stands for liquefied petroleum gas. It is a mixture of gaseous hydrocarbons, two-thirds coming from natural gas and oil extraction, and the remaining third from the refining of crude oil. In the past this natural by-product was destroyed by burning it off or simply releasing it into the air. Today it is captured and used as an exceptional energy source.

A small carbon footprint

Compared to most hydrocarbons, LPG has a low carbon to hydrogen ratio. This means that it will generate lower amounts of harmful CO₂ when it burns. Also, it has a higher calorific value per unit than other common fuels, so its flame burns hotter, delivering higher efficiency.

Not only does this make better use of the earth's resources, it also helps safeguard our planet.

According to the UN International Panel on Climate Change, LPG is not a greenhouse gas and has been assigned a global warming potential factor of zero. Direct emissions of LPG therefore do not contribute to climate change.

In the five main applications for LPG, including the powering of fork-lift trucks, its carbon footprint consistently appears at the lower end of the range, way below other fossil fuels.




A breath of fresh air

Air pollution affects the health of humans, as well as plants, animals and even buildings. Most pollution is caused by the burning of fuel and, as governments and organisations around the world now recognise, LPG can help improve air quality.

The European Emission Test Programme has demonstrated in trials that LPG powered fork-lift

trucks reduce NOx emissions by a whopping 95% when compared to diesel powered fleets. They also cut carbon dioxide by 2% and produce up to 120 times less small particle (PM10) emissions.

In an ideal world we'd harness all of our energy needs from the sun, wind or water. But despite ongoing developments in this field, we can expect to satisfy only a fraction of global energy demand over the next decades from these natural sources. We'll still rely heavily on fossil fuels, so a clean option like LPG will have continuing importance.

	KG CO ₂ PER KWHR	INCREASE OVER LPG
 Electricity	0.544	+ 154%
 Diesel	0.253	+ 18%
 LPG	0.214	

Source: Carbon Trust Energy and Conversions 2009



LPG – an exceptional energy

Cost
Saving

Clean

Versatile

Consistent

When it comes to powering your fork-lift trucks there may be three options: electricity, diesel and LPG but we believe there is one clear choice – LPG.



LPG vs Electricity

As well as being a more cost effective and more environmentally friendly fuel, LPG has a number of specific benefits over Electric powered Fork Lift trucks:

Lower upfront costs

As there is no need to buy costly electrical recharging units, expensive batteries or arranged battery disposal, significant savings can be made with LPG powered Forklift trucks.

Lower carbon footprint

With the onset of carbon reduction legislation this now has a financial as well as an environmental consequence for companies.

Optimise your valuable space

With LPG there is no need for specific areas for battery charging and loading.

Faster refuelling

With no need to recharge LPG powered forklift trucks, down time is dramatically reduced, keeping you operational at all times.

Consistent performance

LPG powered trucks provide consistent performance as they can easily deal with challenges such as steep gradients and rough terrains without any loss of power.

Flexibility

LPG powered forklift trucks are a flexible alternative to electric, being just as at home outdoors as they are indoors.

Reliability

Electric forklifts can be badly affected by powercuts in the winter months. With LPG this will not be an issue.



LPG vs Diesel

As well as being a more cost effective and more environmentally friendly fuel, LPG has a number of specific benefits over a Diesel powered Fork Lift supply:

Lower initial purchase costs

An LPG forklift truck will typically be cheaper to buy than the diesel equivalent.

Lower carbon footprint

With the onset of carbon reduction legislation this now has a financial as well as an environmental consequence for companies.

Indoor AND outdoor application

LPG does not cause sooting and is therefore a flexible alternative to diesel as it can be used indoors as well as outdoors.

Reduced maintenance costs

As a result of LPG being a cleaner burning fuel there is less wear and tear on the engine, which means the forklift is easier to maintain and the costs for replacement parts are dramatically reduced.

Flexible storage options

With a diesel supply, there is always the risk of spillage, theft or contamination.

A breath of fresh air

LPG produces less PM10 particles, which have been linked to respiratory problems such as asthma.

With Flogas, everything is stacked in your favour

Customer Support

Keen Pricing

Reliable Supply

Flexible Storage



We aim to provide our customers with the highest level of service, meeting all of your fuel needs with our flexible approach and value for money LPG solutions.

Flogas people are different

We talk in a more caring, down to earth manner, developing lasting relationships with our customers.

We're a people business, not a giant faceless organisation. Yet we are not small – anything but. Flogas is the second biggest name in LPG in the UK.

We don't shout about our achievements; we're more concerned about what we can do for our customers. Our staff are always there to help, proving as reliable as the LPG fuel itself.

To help you make the switch to LPG, ask us to come up with a

turnkey solution based around your needs. We're not rigid in our thinking, so will develop a flexible approach, beginning with storage.

The Modular Approach

If you're running a sizeable operation the easiest, most cost effective, option is a bulk supply.

We can install a bulk storage tank on your premises and train staff on its use. Our top-up service will then take the hassle out of ordering as we calculate how much gas you're using and schedule deliveries accordingly.

We certainly have the power to deliver, boasting more filling plants

across the country than our major competitors combined, ensuring you won't run out.

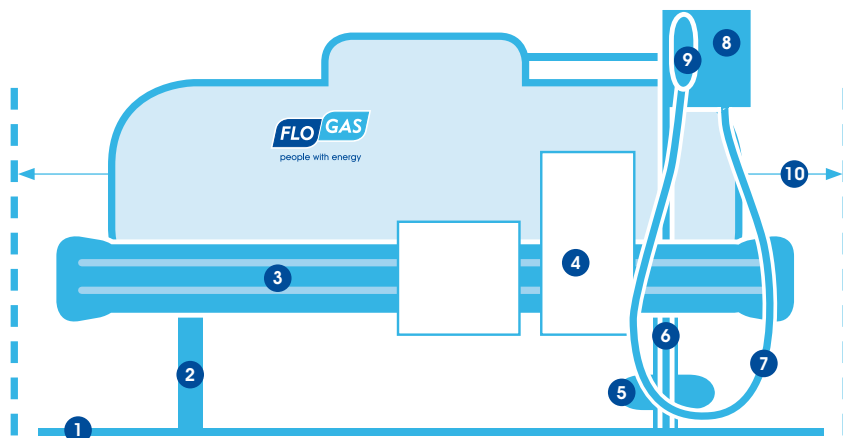
We will regularly test and maintain the tank, making certain that it is working efficiently and complying with safety regulations. For your peace of mind, we also have a 24-hour emergency team on call.

Of course if you don't have the space or need for a bulk storage tank, we can supply cylinders.

An 18kg FLT cylinder can be changed in a matter of minutes, keeping downtime to a minimum. We also have smaller cylinders which can be handled with ease.

- 1 Concrete or good hard standing (NOT Tarmac)
- 2 Skid frame
- 3 Armco crash barrier
- 4 Signs & Instructions
- 5 Motor & Pump
- 6 Break away coupling
- 7 3m Hose
- 8 Enclosed control box
- 9 Dispensing gun
- 10 Distance to boundaries, buildings or fixed sources of ignition on ALL sides as per LPG CoP 1 Part 1 Table 1

Tank size
 1 Tonne Tank - 3m x 2m
 2 Tonne Tank - 4m x 2.2m



In summary

When it comes to powering your fork-lift trucks there may be three options: electricity, diesel and LPG but we believe there is one clear choice – LPG.

	 LPG	 Electric	 Diesel
Lowest carbon footprint	✓		
Quiet	✓	✓	
All terrain	✓		✓
Indoor and outdoor	✓		
Minimal downtime	✓		✓
Cheapest truck to buy new	✓		
Low maintenance costs	✓		✓
Clean burning fuel	✓	✓	
Lead and soot free	✓	✓	
Flexible storage solution	✓		
Optimises valuable space	✓		



LPG for fork-lift trucks. Nothing else stacks up

To find out more:

Visit our website www.flogas.co.uk
or call us now on **0800 0223 308**.

We look forward to welcoming
you as a Flogas customer.



Also available from Flogas



Fork-lift Trucks



Autogas



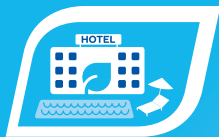
Diesel / LPG Mix



Biomethane



Agriculture



Hotel & Leisure



Oil to LPG



Caravan



Manufacturing



Construction



Dealers



Safety

Call 0800 0223 308 or visit www.flogas.co.uk to order your copy



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