



The Need for Simple and Cost-Effective Modular Car Parks

The UK is home to more than 34 million cars, which on average spend 95% of their time parked. UK Research and Innovation suggests that car traffic in Great Britain will grow by between 11% – 43% by 2050 compared to 2015 levels. That means a lot of extra cars will need to be parked somewhere.

Britain's looming parking crisis comes with a host of issues and challenges, not just for local authorities, hospitals, colleges and businesses, but for society as a whole. Keeping our roads clear and running freely.

Making sure parking is where we need it the most, for commuters, for an ageing population with specific needs, for workers, for students, for hospital visitors. To cut down on air pollution, to use the greenest methods of refuelling.

We need to make sure that revenues from car parking are available to go back into improving our transport infrastructure, creating a virtuous cycle of betterment for all.

For local authorities, for schools and colleges, for health care providers, airports, railway stations, shops and businesses, there will be a growing need to provide places for people to leave their cars. And yet land is at a premium in the UK. So, what is the solution? How do you cheaply and simply create and increase the infrastructure to match the increasing volume of car ownership and road usage?

At the moment, 92% of Britain's car parks are at ground level according to the British Parking Association. Is there a way to leverage that fact to greatly increase the availability of car parking?

The answer is by using the Octavius Siderpark modular parking solution. Our steel-framed modular car parks include our bespoke design, build and maintenance and operation services. It can be used to make an existing surface car park into twin-deck parking. It is the simplest way to increase the amount of parking space you can offer your customers or staff.

Our modular car parks do not need foundations or underground services – the building structure is supported by metal feet. This means that the building is extremely quick to install and much more cost effective compared to conventional parking structures.

The steel structure is mounted on base plates that spread the load and, subject to site ground conditions, eliminate the need for foundations. The structure is designed for rapid assembly so that the parking can be operational and earning revenue within as little as 12 weeks. Our decks are pre-coated and assembled off-site, to allow for the quickest installation with the least disruption.

Because the car parks are modular, they can be configured to fit any available space, giving you the flexibility you need. It can be used to create additional temporary parking while new multi-deck parking is being built elsewhere.

Big savings

Octavius believes that savings in the range of up to 30% can be achieved over the costs of a traditional solution.

As the solution has permanent or temporary capability, when the car park is no longer needed, it can be easily dismantled and moved to a new location, and the land used for other purposes. This portability is proving to be popular with transport hubs that need to refurbish their existing parking arrangements but need somewhere for staff or customers to park while the work is being carried out.

The Octavius Siderpark modular car park solution is a practical, affordable and simple solution to a vast range of temporary – and permanent – parking problems. It is quite simply the best way to bring additional parking on stream for however long you're likely to need it.



Local planning requirements can be satisfied through the flexibility for a range of specific design and aesthetic features – this can help speed up the planning approval process and brings revenues on stream more quickly.

The solution is also easy and efficient to maintain. Repairs can normally be carried out by our teams in an isolated area without closing a whole deck or multiple spaces, meaning the structure can remain at nearly full capacity while the work is being carried out.

Octavius can offer a range of services that involve planning, contracting and operational management, making things as smooth and easy as you like. And the structures themselves – modular, moveable, foundation less and easy to erect – give you precisely what you need.

Contact our designated car parks team at hello@octavius.co.uk for more information