

Demountable Modular Car Parks

A speedy, sustainable, space saving solution

OSBORNE

Short on parking space and needing a permanent or temporary solution?

Cost Effective - Single deck car parks can be erected directly on existing surfacing avoiding costly foundations.

Quick - Modular, pre-fabricated, phased erection can maintain revenue streams during construction.

Sustainable - Flexible design allows simple relocation to another site for a truly sustainable solution.

PROJECT	Temporary Single Deck Carpark
CUSTOMER	Great Western Railway
STATION	Didcot Parkway
CONTRACT	Design and Construct - JCT
DURATION	6 weeks
VALUE	£1.58M

Issue

Parking spaces are becoming an increasingly valuable commodity.

Installing a single or double deck car park on an existing level parking area can be a quick and cost effective way to increase capacity and increase revenue.

However overcoming planning conditions, 3rd party constraints and ground conditions can be costly and slow.

Solution

A simple and effective solution is the installation of a modular steel frame one or two deck car park as a temporary or a permanent car park structure.

There are many modular steel frame proprietary systems available but the Siderpark system is unique in that it can totally eliminate the need for costly foundations. In most cases, the car park can be erected directly onto an existing surfaced car park.

Base plates distribute the load and adjustable height pillars sit on spherical joints which allow vertical re-alignment.



No dig foundations reduce the risk from underground obstructions and allow erection over sensitive sites such as archaeology.

The car park is portable, in that it can be dismantled and relocated in a different location. As a result it provides significant logistical and cost advantages over other market solutions. So if operational needs should change there is total flexibility to expand or relocate the structure.

At Didcot Parkway Rail Station a temporary single deck has been installed to provide parking whilst the permanent multi-storey car park is constructed nearby. This flexible solution will be dismantled and reused when the new MSCP is fully operational.

Revenue can be secured earlier than traditional construction because the structure is erected in standalone modules. As a result handover can be staged to allow immediate use and to maintain traffic circulation which reduces disruption.

Modular construction also means that should any element be accidentally damaged during use, it can simply be removed and replaced with a new section.

Customised cladding choices support aesthetic and planning requirements.

Quality is assured and factory manufactured components are delivered to site ready for quick and easy erection.

Outcome

The Siderpark system is a quick, efficient and cost effective solution to transforming an existing area to revenue generating parking.

The flexible design can be easily expanded or dismantled and removed to a new location to meet customer needs.

