

# PremierPits®

PREFABRICATED VEHICLE PITS



**PremierPits®**  
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Premier Pits is a division of MBE Fabrications Ltd



K E E P I N G   W H E E L S   T U R N I N G



## WHAT IS A PREFABRICATED PIT?

Unlike traditional pits that are built 'in situ', using reinforced concrete or brick and block, Premier Pits' prefabricated pits are constructed in a modern factory under strict quality control conditions, then delivered in one piece, direct to site ready for installation.



### PROVED IN USE

Premier Pits manufactured and delivered their first pit nearly thirty years ago. It is still in daily use and with recent refurbishment looks as good as new.



## EVERYONE BENEFITS

### THE SPECIFIER

Architects and engineers involved in the development of vehicle workshops, can be confident in the knowledge that they will be providing their clients with a high performance piece of equipment that looks good now and well into the future. The benefits to specifiers include:

- Loadings readily available
- Reliable pre-determined specifications
- Less inspection during installation
- Appearance
- Environmentally friendly

### THE CONTRACTOR

The benefits to contractors include:

- Reduced time on site
- Quantifiable, more accurate costings
- Helping to keep to project programme
- Reduced supervision

- Acts as its own shutter
- No concrete cancer or spalling

### THE USER

The benefits to the user include:

- Lower installation costs
- Improved quality
- Lower maintenance costs
- Better working conditions for staff
- Water tight - no ingress of water and no escaping harmful substances
- Improved health and safety compliance possible
- Improved efficiency
- Ability to work above and underneath a vehicle at the same time
- Tidier workshop
- Relocatable up to a given size
- Adds value to the property



### A WIDE CROSS SECTION OF SATISFIED CUSTOMERS

Our pits have been successfully supplied, throughout the British Isles, to hundreds of commercial vehicle operators in both the private and the public sectors.



## THE UK'S NO1, UNRIVALLED IN OUR FIELD

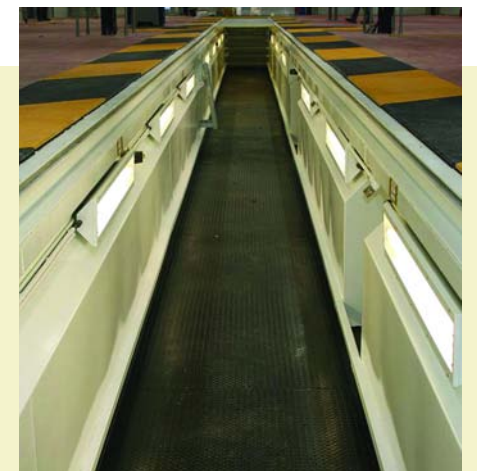
### When it comes to prefabricated commercial vehicle pits, Premier Pits have no equal.

- For thirty years we have been at the forefront of their development and are responsible for transforming vehicle pits from being dirty, damp holes in the ground, into sophisticated pieces of workshop equipment.
- We have initiated most of the innovations seen in the modern prefabricated pit. The dedication to continual product improvement still continues with new features and applications being added all the time.
- Our service package covers everything from help with initial concept, through to after sales service, including installation.

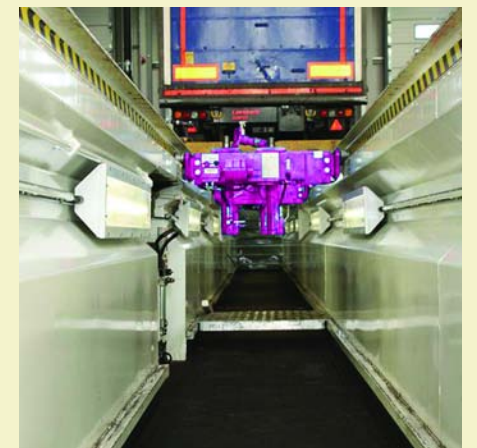
- Recognising that installation is where clients come up against the biggest problems, we have focused a great deal of importance on this aspect. Experience and our 'we never walk away from a problem' philosophy means that we are capable of producing an unequalled job for our clients. We have successfully dealt with a wide range of problems, including flooding; running silt; rock; under floor beams and even discarded vehicles.

### A COMPREHENSIVE RANGE

From simple beginnings Premier Pits now manufacture a whole range of pits to suit every commercial vehicle maintenance, inspection and construction need.



Working/maintenance pits



Inspection pits



Dedicated VOSA and pre-VOSA pits



Special pits



Washdown pits



Class 4 ATL pits



Rail pits





# THE PREMIER PITS PACKAGE

## STANDARD DESIGN FEATURES

### LOADINGS

Calculations for normal ground conditions are based on 42 tonne gross vehicle weight. Calculations can be provided for special vehicles, including cranes and aircraft tugs, weighing up to 120 tonnes.

### MATERIAL

43A mild steel

### LENGTH

Single units are available up to 23 metres long

### STANDARD WIDTH

HGVs 1.0 metres  
Coaches and Buses 1.2 metres  
plus any variant

### STANDARD DEPTH

HGVs 1.4 metres  
Coaches and Buses 1.6 metres  
plus any variant

### FINISH

High gloss white paint to a minimum thickness of 140 microns.

### STEPS

Manufactured from chequer plate in a range of designs.

### LIGHTS

Zone 2 standard and now also the Premier safety lights Zone 2.

### AIR & ELECTRICITY

Points provided for easy installation of supply.

### JACKING RAILS

Included for later fitting of jack to client's choice.

*A full range of accessories is available - see page 6 of this brochure.*

We work very closely with our clients, offering them an unrivalled service package that covers everything from original concept through to commissioning. There is also a full range of after sales services and accessories.

## CONCEPT

Advice given on type of pit to install, along with the modifications and accessories required for working on specific vehicles. Singles, multiples and different types of connections can give very productive workshop environments.

## DESIGN

### SKILLED DESIGNERS



All designs are produced by our skilled, well qualified, design engineers using the latest CAD design facilities.

### DESIGN SUPPORT

We are able to provide design support to, for example, architects and structural engineers. This information can usually be transferred by email within 24 hours.

## FACTORY BUILT

Mild steel plates are MIG welded together to form a water tight sump that looks very similar to the hull of a canal longboat. To this basic 'tank' are added standard items such as jacking rails, service recesses, as well as additional options requested by customers to suit their particular needs.

## TAILORED OPTIONS

Although all pits are built around a standard basic format they can be tailored to suit individual customer needs, making available an endless range of combinations.

Varying length, width and depth



Connecting Tunnels



Sunken Workshops



Multiple Installations

## QUALITY CONTROL

The pits are manufactured to ISO 9001 standards. Every pit is closely monitored to ensure that it is built to the specification agreed with the client.

## DELIVERY

The completed pits are transported to site by road in one piece, even up to 23 metres long.

## INSTALLATION\*

Once delivered to site the pits are installed by one of Premier Pits' own teams of skilled and experienced fitters.

### EXISTING FLOORS

Involves saw cutting, break out and dig out before placing membrane prior to installation. Then, once the pit is in place, concrete is poured and vibrated to finish floor level.

### NEW FLOORS

At hardcore stage and when the steel work is up and the roof is on we build temporary bases prior to dig out and placing the membrane. Concrete is then poured and vibrated up to just under final slab level.

### \*SUPPLY ONLY

Because Premier Pits have many years experience of installing pits in a wide variety of different situations, we strongly recommend that customers take advantage of our full 'supply and fix' package. However, for those who wish to make their own arrangements for installation, we are able to offer a 'supply only' option.

## COMMISSIONING

Before hand over we always ensure that the pit and surrounding floor is clean and tidy, with all waste material removed. For new build projects we revisit the site, just prior to the building being handed over to the client, to ensure that everything is in order.

## REFURBISHMENT

A pit refurbished by Premier Pits will look 'as good as new'. The method of construction and the types of materials used enables us to transform the appearance and efficiency of our pits, even after many years' use. Refurbishment includes, for example, cleaning, repainting and the replacement of light lenses.





## ADDITIONAL OPTIONS

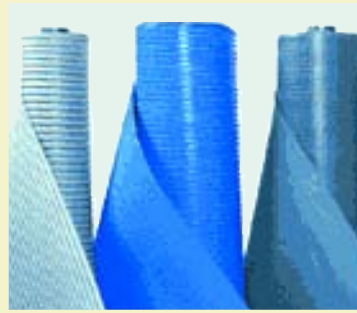
All pits are supplied, as standard, with lights and fittings for air and electricity.

These additional options are available when ordering one of our pits.

Equipment recess



Flooring



Jacking beam store



Fluorescent lights Zone 2



Free standing brake tester sump.



Split bed brake tester also available.

Premier Pits safety lights Zone 2



Check wear unit/shaker plate sump.



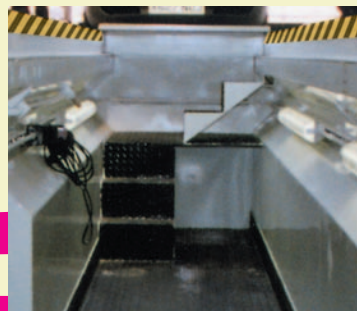
Elefant tread full width steps



Pit bridge



90° steps within pit



## HEALTH AND SAFETY

Premier Pits work closely with clients to develop new and improved health and safety features for use with vehicle pits. These range from simple temporary barriers to sophisticated, motorised, retractable covers. The Company see health and safety as an important aspect of the modern workshop, and are therefore spending increasing amounts of money on research and development in this area.

Health and safety equipment available from Premier Pits:

Painted Floors



BARRIERS

Ball type handrail



Retractable flag barriers



### PERSONNEL SAFETY COVERS

Aluminium panels one metre long, easy to fit and move. Could be used as a bridge.

### MOTORISED PERSONNEL SAFETY COVERS

Driven by electric motors and manufactured from heavy duty aluminium plates, interlocking together to form a fully adjustable, retractable belt.

The covers can be fitted to existing and new pits supplied by Premier Pits to provide the following benefits:

- Enhanced safety for workshop personnel (note: they are not designed to take the weight of vehicles)
- A quick and easy way to cover pits when not in use
- Readily adjustable to suit the length of the vehicle being worked upon
- A significant contributor towards enhanced efficiency and workshop tidiness
- More likely to be used than present alternatives because of their ease of use.



This product is the subject of Patent Rights and other Intellectual Property Rights

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