


Heavy Vehicle Workshop Pits

Suspended Ceiling Pits

Fully Fabricated Pits

Kerb Angle Pits

Pit Lighting and Ventilation



Hartex is Australia's leading Service Pit builder, providing a variety of workshop pit concepts including; Suspended Ceiling Pits, Kerb Angle Pits and Fully Fabricated Pits. Pits can include service bays, lubrication systems, diagnostic equipment and Truck and Bus Service stations.

Suspended Ceiling Pits

This style of pit is ideal for truck operators with large fleets of B-Doubles or prime movers. The heavy vehicle jack runs pictured are catered to suit the specific needs of your fleet.

Features include:

- Heavy vehicle Jacking System
- Lubrication equipment - above/under deck
- Storage space for bulk oil tanks (safe bunding compliant with EPA requirements)
- Waste oil collection systems
- Ventilation systems
- Explosion proof lighting
- Two sets of stairs to access pit
- Roller Brake Tester
- Suspension Tester



- Central sump for trade waste collection
- Sump pump plumbed to trade waste treatment plant
- Oil store can be located in pit
- High working area of 2.2m allowing for comfortable working conditions



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Pit Lighting and Ventilation

Class 1 Zone 2 Explosion Proof Lighting mounted on special brackets to effectively illuminate the underside of vehicles being worked on.

These fittings have an aluminium chassis with shatterproof high density polycarbonate lenses that resist typical damage caused by mechanics dropping tools or parts.



In Pit Lubrication Systems offer clients a centralised warehouse for lubricants without having to build a separate bonded oil store as required to comply with EPA regulations.

The added benefits are reduced cost of lubrication piping from oil store to point of use as the oil is already warehoused in the service pits.

Travelling work platforms with hydraulic scissor lifts provide a safe working platform for mechanics of varying heights. This eliminates the use of step ladders, milk crates and other causes of slip and fall injuries common in old workshops.



Heavy Vehicle Jacking System with no bridge head to duck under. This system offers complete walk through facility for mechanics, providing a safe work environment virtually eliminating head injuries common with bridge head jacking systems.





Fully Fabricated Pits

Advantages of this type of pit include:

- Quick to install
- No costly formwork by the builder
- Minimal down time to your existing activities
- Number & Length of bays to suit specific needs
- The pit is craned into position and concrete poured around it



Technical Specifications:

- Number and length of bays to suit your needs
- Pit opening 950mm
- Pit depths 1.35m - 1.6m
- Two sets of access stairs with handrails, one at each end of the pit
- External surface painted with 2pac epoxy paint to comply with EPA requirements
- Priming of internal steelwork with Redox primer (Grey)
- Finish coat in corporate colours optional
- Pit steelwork equipped with a heavy vehicle jacking rail to accommodate pit jacks or jacking beams



Kerb Angle Pits

Galvanized Kerb Angle steel works to accommodate the Hartex Jacking System. The steel frame is designed to take the loads imposed by heavy vehicle jacking systems and prevents fatigue and cracking of the concrete pit walls.

The Kerb angle is a registered Hartex Engineering Design and is fabricated in our purpose built manufacturing facility in Sydney.

The steel work is then transported to the site where it is assembled and leveled before being concreted in.



Insist on Hartex Maintenance Solutions
Design • Innovation • Professional Advice

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Hartex Pit Jacks



Diagnostic Equipment



Lubrication Equipment



Water Recycling

Pit Lighting and Ventilation

Providing your pit with a good lighting and ventilation system is paramount in order to ensure a safe working environment for your mechanics. The hazardous environment standards AS/NZ 2430.3.2:2004 stipulates that pit with a depth > 1.4m are classified as class 1, zone 2.

With the Hartex Pit lighting system you get a world class product, purpose built for the rugged environment of a busy workshop.

Features include: (Model JPBA)

- Twin 36W light fittings - 240V/50Hz
- Low loss balists
- IP 65
- The light fitting is certified for use in hazardous areas class 1, zone 2
- Optimum illumination



- The chassis is made from cast aluminium while the promatic diffuser is moulded in fracture resistant polycarbonate
- The lense is securely screwed into the chassis using stainless steel socket head cap screws to ensure a secure IP65 seal
- Special brackets to direct light to the underside of the vehicle.



Ventilation

In order to maintain a safe working area and to comply with AS/NZ 2430.3.2:2004 the pit must be ventilated so that a minimum of 6 air changes per hour is achieved.

