RTA Inspection Pits

Hartex Engineering has a range of service pits specifically designed for inspection and compliance testing of Heavy Vehicle Fleets.

The recent trend by inspection authorities, like the RTA that require Fleet operators to build and equip their own diagnostic facilities have led to the development of the ‘Drop in’ diagnostic bay that minimises disruption to existing workshop operations and reduces cost.

Features:

- Standard bay lengths - 15m - 30m
- Lighting and Ventilation
- Roller Brake Tester
- Suspension Tester
- Hartex Pit Jacking System
- Lubrication Services (optional)
- Compressed Air Services (optional)

The Hartex ‘Drop in’ diagnostic bay is an innovative solution designed to reduce the upfront capital costs.

Call us now to discuss how we can help you design and build a commercial RTA Test Station at your depot, or if you’re looking to self-certify your own fleet.
Hartex Engineering also offers a number of solutions to upgrade your old pit and turn it into a modern well-equipped pit complete with a heavy vehicle jacking system which can cater for the wheelbase of your whole fleet without the old fashioned bridgehead that was previously required.

Check out our website for details and more information on our Pit upgrades.

**Pit Upgrades**

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**Installation Process**

First steps are to break the existing concrete on floor level to accommodate the brake and suspension testers.

Layout steel work to carry the jacking system and locate jack runs on pit wall and secure to wall or structure.

Lay formwork on pit floor for concreting, pour concrete to form the new finished floor. Weld in top deck steel work and paint pit in two pack epoxy. Pit jacks plumbed to external power.

The finished pit is now complete with state of the art Diagnostic Equipment, Jacking Systems, Lighting, Ventilation & Water Recycling.

All of Hartex’s Pit depths are made to new RTA standards. Example of old pit above, and new pit below.