

DROP TABLES

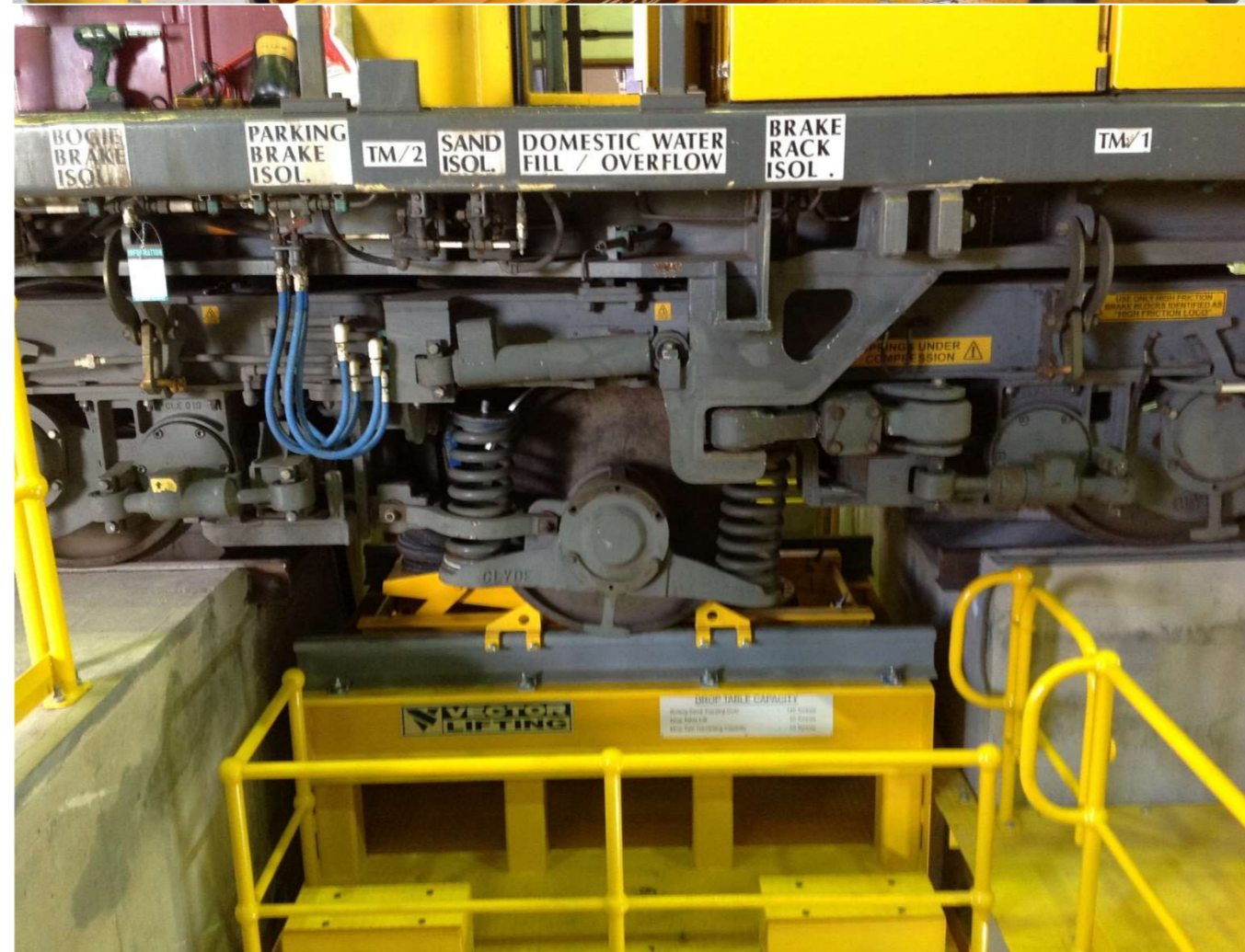
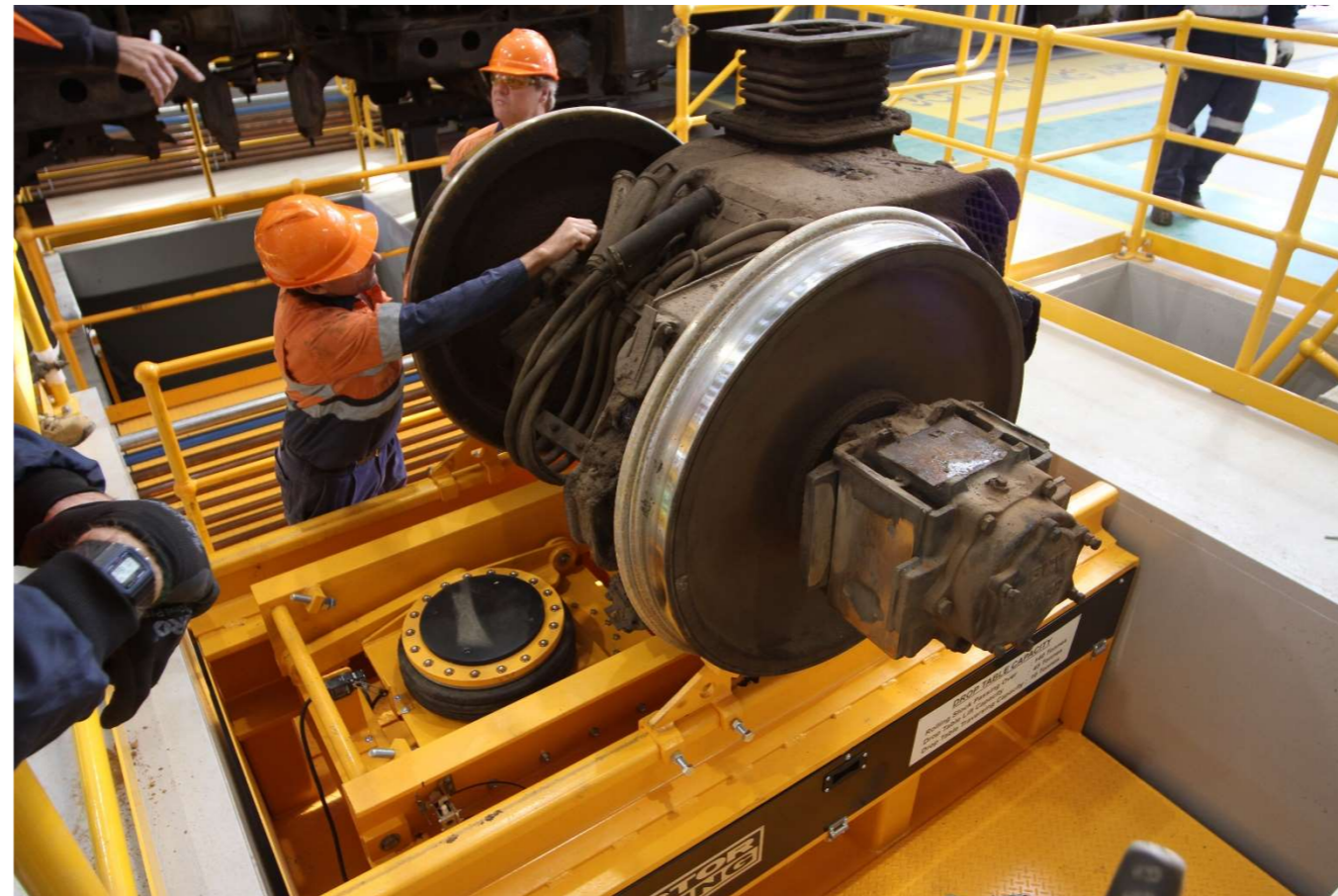


Drop Table Overview

- The Vector Lifting Drop Table has been developed to facilitate the removal of wheelsets/traction motor assemblies from locomotives
- The Drop Table is designed to support and lower the wheelset/traction motor from the locomotive and then traverse to a safe location where the wheelset/traction motor can be removed.
- The Drop Table system incorporates adjustable load pads which are used to support and/or rotate the wheelset/traction motor as needed
- Systems are inclusive of fixed and moving platforms as well as all necessary handrailing and guarding to guarantee operator safety
- Vector Lifting Drop Tables can be retrofitted to existing drop table pits as well as new depot builds.
- Drop tables are supplied as full capacity roll-over units

Compliance

- 100% Australian designed and manufactured in our Perth facility in Compliance With
 - AS/NZS 9001
 - AS 1418
 - AS/NZS 1554
 - AS 1710
 - AS/NZS 3000
 - AS/NZS 3008
 - AS 3569
 - AS/NZS 4024
 - AS/NZS 4680
 - AS 4024
 - Local/International Standards as Required
- Fully Assembled & Tested Prior to Dispatch Including Load Test



Quality Assurance

Vector Lifting is certified to ISO9001; thus, ensuring consistent high-quality products for our clients

Materials Data Record (MDR) provided inclusive of:

- Inspection & Test Plan (ITP)
- Certificate of Conformance
- Technical Query Register
- Material Register & Certificates
- Third Party Certificates
- Welding / NDT Requests & Weld Maps
- Welding / NDT Reports
- Weld Procedure Specifications & Register
- Welder Register & Qualification Records
- Surface Treatment Reports
- Non-Conformance Register & Reports
- As Built General Arrangement Drawings
- Factory Acceptance Test Reports
- Electrical Test Records
- FAT & SAT Records

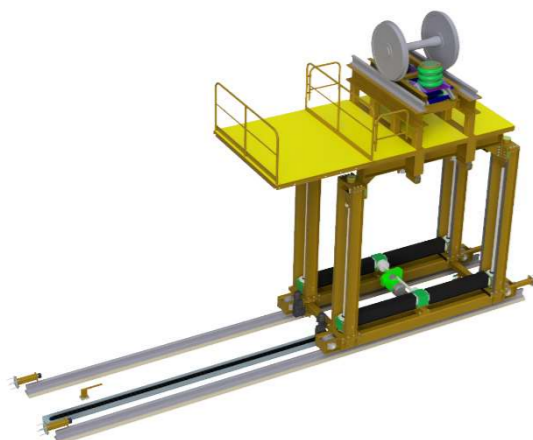
Fully Customisable

To Meet Client & Site Requirements Systems Can Be Fitted With:

- Electrical or hydraulic operation
- Configurable load pads for multiple locomotives
- Pendant(s) or wireless control
- LED Work Lights
- Services such as air, water, vacuum etc.
- 10A/15A GPOs
- Custom Surface Treatment
- Custom Decals
- Depot Protection System Integration

Drop Table Features

- Self-Locking Lifting Spindle – No possibility of uncontrolled load movement
- Sealed Bellows Around Spindles for superior dust Protection
- Lift Synchronisation across all lift motors
- Lift Nut Wear Detection
- Full Capacity Secondary Safety Nut
- Obstruction Detection
- Adjustable Load Pad Locations, adjustability is vertically to the rail track however longitudinal adjustment can be provided to suit multiple wheelsets/traction motors
- Systems Are Supplied with Load Detection – Used for Load Engagement and Overload Protection
- When not in use the drop table is fully trafficable
- Wheel Chocks/Clamps as required
- Pit access ladders/stairs
- Pendant or Wireless Remote with Backup Operation From MCC
- Fully Guarded to AS 4024
- Systems Are Supplied with All In-Ground Castings Required Including:
 - Anchor Cages
 - Fixed Rails
 - Upper table locking pins and receivers
 - Cover Plates & Access Hatches

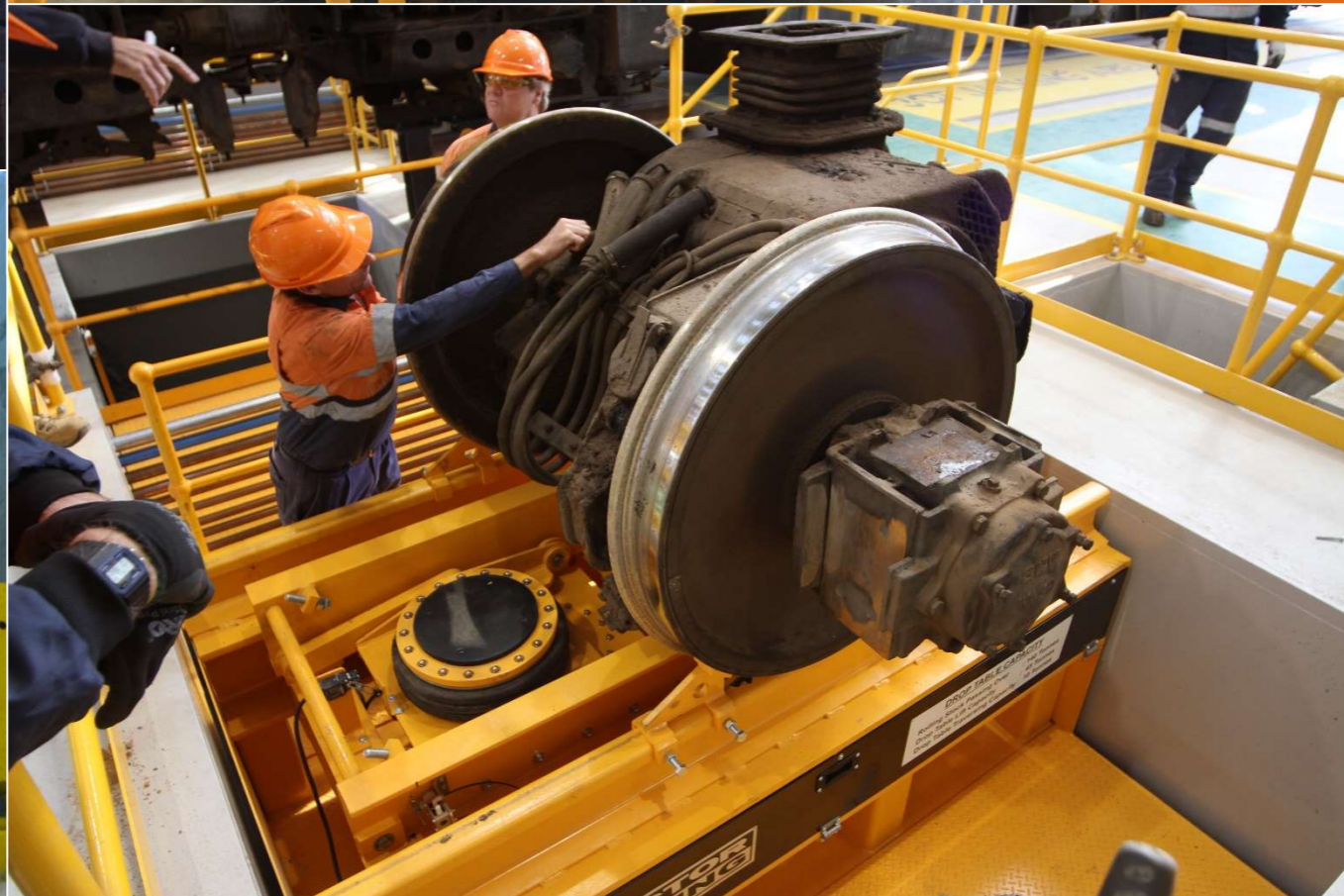


Drop Table MCC Features

MCC complete with:

- Main Isolator
- Main contactor
- Circuit Breakers for over current and short circuit protection of motors
- Contactors & Overloads for Bogie Lift Rail and Body Support operation
- Control relays
- Control circuit breakers
- Phase Rotation/Failure relay
- Programmable Logic Controller (PLC)
- Emergency Stop push button.
- Selector switches for group selection
- Push buttons for system group operation
- Indication lights for system status and faults
- Radio Receiver
- All functions Are Interlocked to Prevent Incorrect Operation
- Hold To Run Controls
- Warblers & Beacons
- Pendant or Wireless Remote with Backup Operation From MCC
- Warblers & Beacons





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