

HYDROSET REMOVAL TROLLEY



Hydroset Removal Trolley Overview

- The Vector Lifting Hydroset Removal Trolley has been developed to facilitate the removal of hydroset assemblies from crushers via access through the crusher vault.
- The Hydroset Removal Trolley is designed to support and lower the hydroset from the crusher, traverse to a safe location outside the vault where the hydroset can be removed.
- The Hydroset Removal Trolley system incorporates an adjustable and indexable load pad which is used to support and/or rotate the hydroset as needed
- Systems are inclusive of fixed and moving platforms as well as all necessary handrailing and guarding to guarantee operator safety
- Vector Lifting Hydroset Removal Trolleys can be retrofitted to existing arrangements as well as new builds.

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
- Pendant(s) or wireless control
- LED Work Lights
- Services such as air, water, vacuum etc.
- 10A/15A GPOs
- Custom Surface Treatment
- Custom Decals
- Remote access

Hydroset Removal Trolley Features

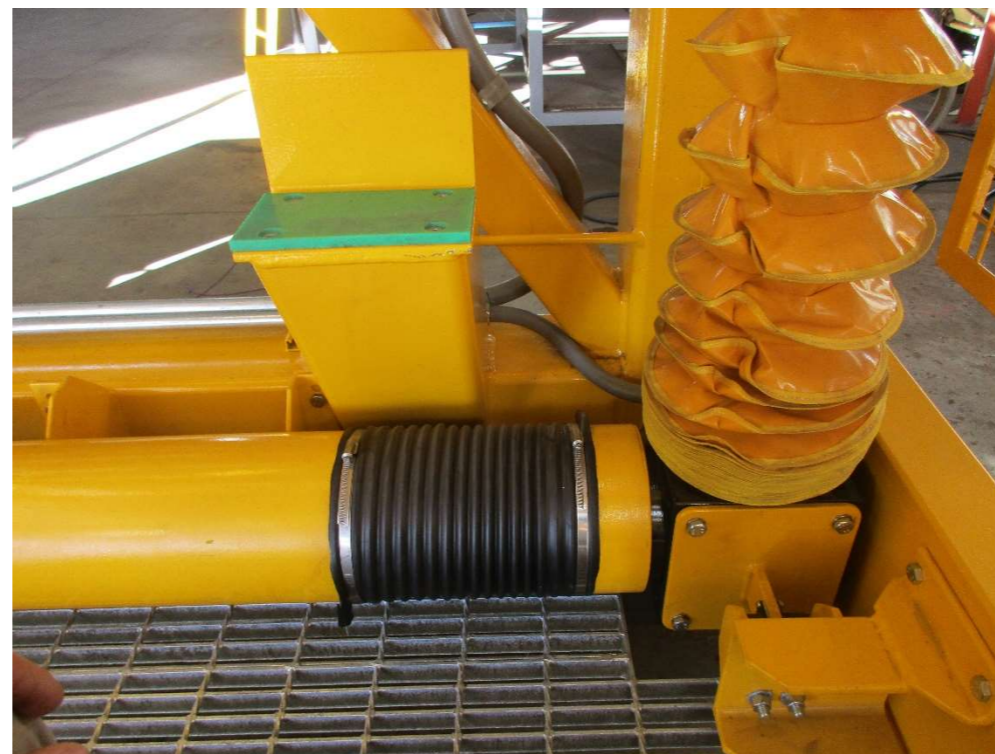
- Self-Locking Lifting Spindle – No possibility of uncontrolled load movement
- Sealed Bellows Around Spindles for superior dust Protection
- Lift Synchronisation across all lift motors
- Lift Nut Wear Detection
- Full Capacity Secondary Safety Nut
- Obstruction Detection
- Systems Are Supplied with Load Detection – Used for Load Engagement and Overload Protection
- 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
- Systems can be designed to allow access to vault wear plates with additional monorails utilized to handle the wear plates



Hydroset Removal Trolley MCC Features

MCC complete with:

- Main Isolator
- Main contactor
- Circuit Breakers for over current and short circuit protection of motors
- Contactors & Overloads for all operations
- 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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