

OPEN CAST mining
product solutions
for all mining operations



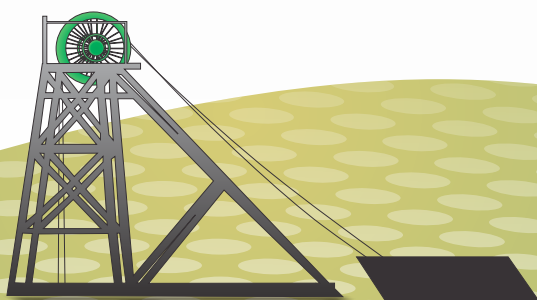
TYRE CHANGING PRESS MACHINES

For off-the-road tyre changing, Powerworks offers a range of tyre presses which are recognised worldwide as being the safest and fastest method of mounting and demounting large tyres as fitted to mining and earth moving machinery.

Requiring only one operator, this fully self contained press will demount tyres from 3 and 5 piece rims quickly and safely, regardless of the rim's rusted or corroded condition, without damage to the expensive rim sets. The tyre carrier rolls out hydraulically from the press frame and the tyre and rim are placed on the carrier. The demounting and mounting process is then carried out completely within the press with the control levers or state of the art Radio Remote Control. There are no jacks, bead breakers, sledgehammers, crowbars or blow torches required. For tyre and rim assembly the press frame is set up to become a safety cage for tyre inflation. No other method of tyre changing offers this highly important safety feature.

In addition Powerpress models offer numerous standard as well as optional extras i.e. Analogue Proportional or Digital Wireless Remote Control, State of the Art Touch Screen Control Panel with Card Swipe Access, Emergency Stop stations. Hydraulic Tank Pump and Motor Assembly design allows for ease of access whilst carrying out maintenance eliminating the need to work at heights. Recessed Heavy Duty LED Work Lights, Tower Light indicates operational condition of the press, Strobe Light, Horn, Induction Sensors and Infra Red Beams to name but a few.

Various models available to suite your specific requirements: **4576 for tyre and rim assemblies 45" to 76". 3563 For tyre and rim assemblies 35" to 63". 3557 For tyre and rim assemblies 35" - 40.00 x 57, 46 x 65 x 45, 51 x 67 loader tyres and 50 x 80 x 57, optional 24" adaptor splades available. 2451 For tyre and rim assemblies 25" to 51".**



Tyre hands keep your fleet's wheels turning.

For over two decades, our tyre handler attachment continues to prove its reliability within the Southern African mining sector. Since our supply of the first tyre hand into the Southern African market, some 25 years ago, the dependability and improved uptime provided by this unique machine has proven invaluable to customers the world over who place emphasis on effective total cost of ownership, overall reliability and most importantly - impeccable safety.

An indication of the trust customers have in the product is the number of units installed globally, which to date, numbers in excess of 400 worldwide, making our tyre hand the undisputed leader in the field of tyre manipulation, both locally and internationally.

Various models of our tyre hands are available and they interface with a wide variety of host vehicles such as

articulating cranes, fork lift trucks and front end loaders, as well as being compatible with all the major manufacturers such as Caterpillar, Hyster, Komatsu, Clark, Wiggins and TCM to name but a few. The ability to interface to a host vehicle with minimal modifications ensures that OEM warranties are not at risk and that the host vehicle is of the same safe standard when originally purchased from the OEM.

As with all of our products, the overall experience is enhanced by the ongoing commitment to customer satisfaction, which extends to well beyond the point of sale, with on-site inspections of equipment as well as preventative maintenance and even full factory strip down and refurbishment options.

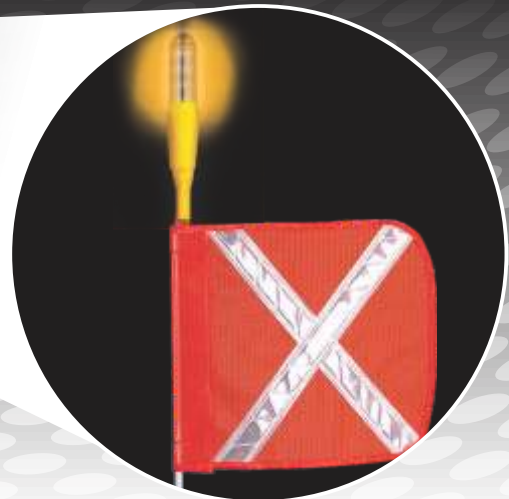
For further information on the correct application for your fleet please feel free to contact us.



STOP BLOCKS, CHOCKS & BUGGY WHIPS

Checkers Industrial Safety Products are specifically designed for the mining and construction industries. They are strong, safe and lightweight - yet hold the largest haul trucks. Off-Road Urethane stop blocks are made from tough, damage resistant polyurethane which will not cause tyre damage and are virtually unaffected by oils. So whatever your fleet, be it LDV'S, busses, freight or fuel trucks, 797's or 960's, Powerworks carries the entire range of Checkers Stop Blocks/Chocks.

Checkers gorilla-strength power whips are an invaluable addition to a fleet where safety is concerned. These flexible fibreglass whips are available in lengths up to 12 foot and include a heavy duty flag and spring mounting base. Lighting options include strobe lights, flashing and non-flashing LED's and a 6" glo-worm LED light. Lamps are completely sealed and the weather-shield polyurethane enamel paint finish carries a 15 year guarantee.



Safely Lifting Your Fleet

Powerworks have been involved with the design and supply of air over hydraulic Hydralifts for over 25 years and as such have gained considerable experience through past, present and on-going research and development in the design, manufacture and application thereof.

Powerworks hydraulic jacks are specifically designed for open cast haul trucks. They operate on the universally accepted air over hydraulic system and are fitted with multiple safety valves (Poppet Valve, Load Lowering Valve, Operators Control Valve and Internal Valve) offering unsurpassed safety in case of catastrophic failure caused by external forces, over stroking, shock loading, over pressurization etc.

Controls are positioned well away from the lifting point, thus ensuring that the operator is clear of the load during lifting as the need to crawl under the load is eliminated. Powerlifts and Hydralifts have specially designed polyurethane, solid rim wheels with roller bearings, wider tread pattern and a combined load capacity of 1.2 tons, allows for a broader foot print, longer life cycle and retains a similar deflection to that of pneumatic wheels

Standard on all air over hydraulic Powerlifts is Powerworks patented Hi / Lo ground clearance system. Incorporating the use of pneumatic bellows, strategically mounted inside the frameworks ensures maximum protection from the elements and or from foreign objects. The base unit can either be lifted or lowered to suit the surrounding terrain whilst being positioned. This system further enhances better manoeuvrability, ease of use and one man operation. Strategically positioned lifting lug assures when unit is loaded or off loaded that horizontal equilibrium is maintained. An ergonomically designed feature of the Powerlift is the operator handle requiring only 1kg downward force to lift the base unit clear of the ground for repositioning purposes.

Powerlifts and Hydralifts make use of swivel loads caps which unlike fixed load caps are able to compensate for variations in ground slope, extension dollies are available from 100mm – 400mm and as an integral safety feature are not stackable. Powerlifts as standard are designed with 2 extension dolly trays for ease of storage and accessibility.



Supporting Your Fleet

Powerworks Jacking stands offer the safest method of supporting a vehicle. Height adjustment is easily done and with a unique detachable transporter which enables the operator to safely place the trestle under the vehicle from a safe distance, they are unbeatable in terms of safety. Since the transporter is detachable from the jacking stand, only one unit is required to place multiple stands.

Trestles can be custom made for any height or load configuration to suit any application. For further information on the correct application for your fleet please feel free to contact us.



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Scan me

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