

# **Reliable Wheel Products Ltd.**<sup>®</sup>



Providing the products you need to make heavy equipment maintenance easy and safe

[www.reliablewheel.com](http://www.reliablewheel.com)



**Reliable Wheel Products Ltd.** offer products used in the maintenance of heavy equipment.

**SuperLift Jacks** are air/hydraulic and electric/hydraulic. All are power-driven and are available in models from 50 to 350 tons for underground or surface mining equipment.

**ManLift Work Platforms** raise workers to a safe working height when installing, cleaning, torquing or removing large diameter tires and wheels. They are equipped with air/impact and air/hydraulic torque guns and high-speed cleaning tools plus foot controls to allow easy, free access to the work area.

**SuperPress Tire Press Centres**, which are electric/hydraulic tire presses for OTR tires, are complete work centres for large tire shops. They change tire sizes 25-in. through 63-in.

**Jack Stands** support equipment from 50 through 250 tons. With their unique transporter, these designed support stands can be easily placed beneath any piece of heavy mobile equipment.

Reliable Wheel Products has been producing high-quality Tire and Wheel service equipment for over 20 years.



## SuperPress Tire Press Centres



Reliable Wheel Products Ltd. were originally developed more than 25 years ago for users who wished to safely and quickly mount/demount/inflate Giant or Off The Road (OTR) tire assemblies.

The use of the Reliable Wheel Products Ltd. range of Tire Press Centers will extend tire carcass, tire bead,

and rim life as a result of the substantially reduced handling damage when mounting and demounting assemblies with a Tire Press Center rather than by conventional methods. A Reliable Wheel Products Ltd. Tire Press saves time and manpower costs while preserving equipment.

### **The Reliable Wheel Tire Press Advantage:**

- **Safety:** In addition to enabling quick and safe demounting of tires, the tire press functions as a safety cage when inflating. The manual and remote controls of the press adds an additional safety layer by keeping personnel at a distance from moving parts.
- **Speed:** Regardless of the condition of the wheel or tire, every demounting operation using a tire press can be completed in minutes as opposed to hours or even days using conventional methods.
- **Inspection:** A Tire Press provides an excellent platform for tire and wheel inspection. Tire technicians can easily determine whether or not the tire or any part of the wheel assembly should be removed from service.
- **Value Added:** Demounting a tire on a tire press is less likely to damage the flanges, bead bands, rims and tires. The same can not be said about conventional procedures, such as bead breakers.
- **Better Resource Allocation:** Less time spent removing tires, allows personnel and equipment to be utilized in other areas.
- **Tire Bay Availability:** At most OTR sites, tire bay space is limited. The ability to quickly and easily

## SuperPress Tire Press Centres



### Optional product features and benefits:

- Clamp Rack: Provides effective storage for tooling pieces required in each rim size.
- LED Lighting: On-press lighting provides additional benefits and safety when operating in dimly lit areas.
- Cleaning Station: Locking metal cabinet with air-power tools to clean rims for visual inspection.
- Spare Parts: Contains all of the most commonly replaced parts for the first 2 years of operation.
- Safety Railing: Additional Safety rails on 3 sides of slide deck. Slide Deck height is 812mm.
- Wireless Radio Controller: Provides comprehensive operation of the unit from a distance.
- Crack Inspection: Includes all magnetic particle and black light equipment required for detailed rim inspection. Comes with locking wall cabinet.
- Lifting Bar Sets: Enable Tire & Wheel assemblies to easily be moved either around the shop or on/off the Tyre Press. 4 sizes of lifting bars and a storage rack are included with this option.
- Laser Fence: As an additional safety measure, the laser fence will shut down the press if the perimeter of the unit is penetrated. Keeps non essential personnel outside of the unit.



## Superlift High-Tonnage Jacks

Reliable Wheels Products Ltd. manufactures a wide and varied range of heavy-duty "SuperLift" jacks suitable for all heavy-duty vehicles from the shop to underground, mining, construction and railroad industries "SuperLift" continues to meet or exceed all the rugged demands of all heavy industrial applications. From 50 Ton through 350 ton. Our models include:

- "SuperLift" Air Hydraulic – 100 tons to 350 tons
- "SuperLift" Electric Hydraulic - 100 tons to 350 tons
- "SuperLift" low profile underground - 50 tons to 150 tons
- "SuperLift" JR-Series Jacks - 100 tons to 200 tons

*Note: capacity requirements exceeding 350 tons can be manufactured on a "made to order" basis*



## Superlift High-Tonnage Jacks







## Superlift High-Tonnage Jacks (With Power Drive)

### Standard product features and benefits:

- Extended control levers permit the operator to raise or lower from a safe distance
- Safety valve preventing overload, overstroke, load lock or any failure due to hydraulic fluid loss
- Extensions are supplied allowing one “SuperLift” jack to suit multiple pieces of equipment
- Special flexible steel braid hose for better safety and efficiency
- One year warranty on parts and labour
- Wide-Bore cylinder allowing for lower-pressure operation
- Heavy steel gauge cover protects hydraulic and pneumatic components
- Large diameter wheels and tires for easy movement on any surface
- Wide base allows for greater stability
- Power drive systems are standard on all jacks with a capacity of 200 tons and above

*Note: Reliable Wheel Products can custom-build SuperLift jacks to suit customer requirements*

### Optional product features and benefits:

- Remote control system available for additional safety and reduced manpower needs

## Manlift Work Platforms

Reliable Wheel Products Ltd. has developed a manlift unit that permits service personnel to perform their maintenance-related functions efficiently and safely. Manlifts allow personnel to efficiently access and to reach areas of the very largest equipment in today's heavy resource-based industries.

### Standard product features and benefits:

- Adjustable speed control valve for increased safety
- Aluminum non-skid deck surface for increased safety
- Speed-metered foot-control increases ascent and descent safety
- Locked velocity valve blocks operation if hose ruptures for better safety
- Built to rugged but light weight standards for better durability and mobility
- Side and rear handrail designed to suit needs
- Tool boxes and holders supplied for impact sockets for better convenience and safety
- Comprehensive service manual supplied



## Equipment Support Systems

Because a load must always be supported by stands to protect employees working under the vehicle or equipment, Reliable Wheel Products Ltd. produces an extensive range of "SuperLift" support stands and extensions to meet the strictest International Safety Standards. Each Reliable Wheel Products Ltd. support stand is constructed of high-density steel plate and high-strength tubing with durability and safety uppermost in design criteria. Even special paint is utilized to resist rough use in dirt and oil conditions. Our special stand/support systems for underground use have been also recently introduced.

### Standard product features and benefits:

- Serial numbered and supplied with complete service and parts operation manuals
- Specially painted to resist corrosion from rough use in dirt and oil to improve durability
- Engineer Certified to ASME PALD standards
- Custom extensions built to suit customer specs



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