

Hydra-Tech is headquartered in Calgary, Alberta, Canada and is a leading manufacturer of large hydraulic jacks and specialized tools, catering to the Railway, Mining, and Construction industries worldwide. Our company is known for its durable, high-quality, and innovative products, offering comprehensive lifting and hydraulic tool solutions to various industrial users.

Founded in 1975 as a distributor of industrial tools and supplies, Hydra-Tech has since transformed into an industry leader in hydraulic jacks and tools manufacturing. Our product range encompasses hydraulic jacks with capacities ranging from 60 tons to 175 tons, as well as specialized hydraulic tools designed for the railway and mining sectors.

Customer feedback has always been the driving force for the tool development team at Hydra-Tech. Many of our tool designs were born from direct requests by customers seeking tailored solutions to simplify and enhance job safety and efficiency. At Hydra-Tech, we take immense pride in our tools, offering safe and efficient alternatives to meet real-world challenges.



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Lift smarter, work safer

Mining Products

Modular Lift Stand System

Application: Developed to address specific needs where the lift must be used as a stand in certain applications. The system is comprised of separate lifting and power supply units which can be attached and detached from each other allowing for convenient and safe lifting operations. Mod-U-Lift Stand Systems range in lifting capacity from 60 tons through to 175 tons and have a variety of stroke lengths from 13" (33 cm) to 24" (61 cm).



Mod-U-Lift

Application: Comprised of separate lifting and power supply units which can be attached and detached from each other allowing for convenient and safe lifting operations. Mod-U-Lift Systems range in lifting capacity from 60 tons through to 175 tons and have a variety of stroke lengths from 13" (33 cm) to 24" (61 cm).



Pump Cart

Application: A convenient mobile air-powered hydraulic pump capable of running multiple 10,000 PSI hydraulic jacks and transporting your required hoses and accessories to wherever you need to work. Large, low rolling resistance wheels facilitate transportation over rough terrain and ease movement across a shop floor. Custom racking on Pump Carts is available and very popular to meet specific needs.



Component Handler

Application: A versatile tool that increases productivity and safety when servicing various trucks. The low profile, traversing head, and durable design of the component handler, along with a wide range of adapters makes it ideal for the removal and replacement of Belly Pans, Transmission Saddle Tanks, Pumps and other components. With an independent safety latch, the component handler can maximize safety for the operator.



Shop Floor Service Table

Application: An excellent tool for any lifting jobs around your shop. With a 2,000 lb capacity, 12" clearance, and 36" vertical travel this lifting table can be used for many tasks and the low resistance wheels allow for quick and easy transportation. To make lifting operations safer for all personnel present, an extendable pendant control allows for the device to be operated at a safe distance.



NEW

Power Mover

Application: Newly developed to enhance safety and effortlessly move our large heavy jacks and stands. Featuring an on-board 10,000 PSI pump that can power up to two jacks simultaneously (optional). Includes a deadman safety switch and an auto-reverse button at the handle's end for extra safety. Will work with the Mod-U-Lift, Modular Lift Stands, and 120 Ton mining stands using corresponding mounting adapters.



Mining LED Lighting

Application: High-output LED solutions for haul trucks, excavators, loaders, dozers, and facility lighting in harsh mining environments.

Highlights: Long service life, high lumen output, rugged construction, and low maintenance.

OEM fit-outs: Caterpillar, Komatsu, Liebherr, LeTourneau, Hitachi, John Deere, Terex, Atlas Copco.

Mining Stands

Application: Certified to ASME PALD 2005 and are offered in a full range of sizes along with various extensions and saddles. Steel stands have an optional tailored base for tight clearances and aluminum stands offer easy maneuverability, with either a wheeled assembly or fork assembly to best suit your specific needs.

Stand Sizes (inches): Custom Requests or 18, 24, 28, 31.5, 32, 37, 40, 42, 43, 45, 46, 48, 50, 52, 54.5, 55, 57.

Aluminum Stand Extension Sizes (inches): Custom Requests or 1.5, 3, 4.5, 6, 8, 10, 12, 18, 22.

Stand Capacity (tons): Custom Requests or 120.



Aluminum Stand



Fork Cart



Extension Heights

Accessories



Load Holding Rings (Mod-U-Lift versions)



Extensions, 4" base (Mod-U-Lift versions)



Swivel Saddle

Lift Stand Saddle

Load Holding Rings

Provides temporary mechanical support during lifts.

Light weight aluminum and welded handles for safe and convenient placement.

Mod-U-Lift and Lift Stand load holding rings are product specific. Load holding rings are not cross compatible.

Extensions

Extend jack lifting height.

Light weight aluminum and welded handle (16") for safe and convenient placement.

4" base + extensions of 4", 8", and 16" allows for total extension heights of 8", 12", and 20".

Mod-U-Lift and Lift Stand extensions and bases are product specific. Extensions and bases are not cross compatible.

Saddles

Swivel Saddle will compensate for a sloped jacking point, up to 5°, to reduce side loading stress when used with the Mod-U-Lift. Recommended with extensions.

Lift Stand Saddle and Locking Pin. Completes the Lift Stand system.

Mod-U-Lift and Lift Stand saddles are product specific. Saddles are not cross compatible.

Handling and Reach



Jack Pad: Increases reach of 175 ton lift modules. Bolted interface. Forklift or pallet jack transport. Two standard heights for 830E and 930E. Custom heights available.



Jack Cart: Collapsible wheel cart to move and position 60 and 100 ton Mod-U-Lift and Lift Stand modules.



Bull Dog Cart: Maneuvers 60, 100, and 175 ton Mod-U-Lift and Lift Stand lift modules. Interchangeable mounting plate. Positions modules under difficult access points.