

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

Railway Products

Black Jack Electric

Application: Lifting and power supply units into a single piece of equipment that is maneuverable and ergonomic.
Type: Electric Jack **Configurations:** 13" to 24"
Capacity: 40 to 100 tons
Accessory sizing available: 40 to 100 tons



Draft Gear Compressor

Application: Used for the safe removal and installation of a railcar draft gear on E, F, or rotary type couplers.
Adapters & Cradles: E, F, and Rotary



Pin Release Tool

Application: Designed to aid in the safe and fast installation and removal of gagging pins by simultaneously depressing both friction castings from a single cylinder.



KE-Pull Tool

Application: A lightweight cross key and pin puller with a three point harnessing system and is capable of using a 360° articulated pin puller adapter, a low profile pulling fork adapter, a 360° quick pull adapter, or a 360° reverse pull adapter to provide safe, flexible use.



Friction Shoe Press

Application: A precise, flexible, and maneuverable tool to aid in the safe removal and installation of both friction shoe castings simultaneously. Compression saddles automatically adjust to different sizes of bolster.



NEW

KE-Push

Application: Use for the safe and efficient installation of E-style keys through the sill and coupling to eliminate the use of a sledge hammer.

- Variations:**
- Mounted to a six wheeled Scissor Table
 - Scissor Table mounted to a frame that sits on the rail moved into position by a fork lift



NEW

80 Ton Low Pressure Road Truck Jacks (Aluminum or Steel)

Application: Designed to work off the existing Road Truck Hydraulic System (max. 4000 psi.)

- Comprised Of:**
- Jack 80T 16" stroke
 - Removable load saddle
 - Set of load holding rings

- Optional Accessories:**
- Steel base extension (required for use with extensions)
 - 8" Aluminum extension
 - 12" Aluminum extension



Front

Back

Heavy Duty Shop Scissor Table

Application: This lifting table can be used for many shop lifting tasks and has low resistance wheels that allow for quick and easy transportation.
Clearance: 11 - 1/4"
Vertical Travel: 42"
Capacity: 3000 lbs



Heavy Duty Rail Scissor Table

Application: The ideal tool for servicing railcars on the track.
Clearance: 12 - 1/2"
Vertical Travel: 43 - 1/4"
Capacity: 3000 lbs



Rail Tool Cart

Application: Designed to easily store and organize our small service tools. It also allows for safe transportation to the work/service location within your shop.



DGC Cart

Application: Makes transportation and storage of the DGC80T and accessories easy and convenient.
Model: DGC80T



Certified Railroad Stands

Application: Certified to ASME PALD 2005 and are available in a full range of sizes along with various extensions and saddles. We are able to design stands for specific needs upon request.

Center Sill 80 Ton Stand
24" or 31" with 6", 12", 18" extensions.

Corner 25 Ton Steel Stand
41" - close fit

Tall Railcar 40 Ton Support Stand
48"

Support 50 Ton Stand
30.75" and 22"



Center Sill
80 Ton Stand



Corner 25 Ton
Steel Stand



Tall Railcar 40 Ton
Support Stand



Support 50 Ton
Stand