



# Mining in Canada

Products and System Solutions



ENGINEERING YOUR SUCCESS.



Mining Segments

Parker is focused on creating long-term partnerships that bring safe, reliable, and efficient solutions to the mining industry. To increase your productivity and profitability, Parker’s team of Product and Application Specialists can be counted upon to develop your customized system solution.



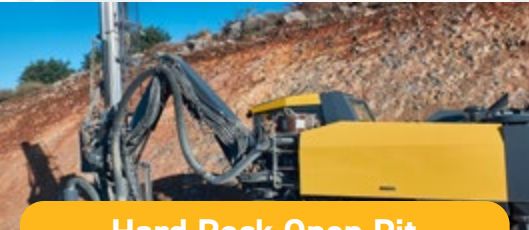
Potash Underground



Surface Coal



Hard Rock Underground



Hard Rock Open Pit



Oil Sands



**Safety is a commitment.** A failure in a pressurized fluid system can result in property damage, personal injury or even death. Parker’s SafetyWorks program is part of our commitment to helping people in all types of jobs to learn, understand and follow safe practices in assembling and working with pressurized systems and their components.

Learn how to:

- Avoid injection injuries and understand the importance of timely treatment should an injection injury occur
- Follow proper hose assembly and routing guidelines to help prevent premature failures
- Understand the conductive nature of hoses and the effects of residual pressure
- Implement a product-selection process for safe and efficient fluid-systems design and use

Who should participate?

- equipment operators
- repair-service technicians
- assemblers
- safety managers
- engineers

Learn More

Partner with Parker

Parker’s 100-year history in machine design and breadth of quality products allow us to combine the best of hydraulics with the control and efficiency of electrification to create efficient, flexible, sustainable solutions for the mining industry.



Hydraulic Hose Assembly Systems

Tested up to 2 million cycles, GlobalCore delivers superior performance and service life with an easy-to-install compact spiral construction for high-pressure, high-impulse applications. These constant working pressure hoses are available in 1,000 to 6,000 PSI, in three cover options.



Tube Fitting Adapters & Equipment

Parker’s comprehensive range of tube fittings and tube fabrication equipment ensures your systems have the leak-free connections needed to improve your systems uptime and production. Equipment includes tube prep, flaring, flanging, presetting, and bending, with a vast range of tooling sizes to meet all size requirements.



Electric Motors

The efficient GVM motor offers users a smaller energy storage device, leading to cleaner and more economic vehicles. The torque density and speed capabilities of Parker Permanent Magnet AC motors (PMAC), combined with a voltage-matched inverter, provide breakthrough performance in a variety of vehicle platforms.



Pumps

Gold Cup® - IE combines the brawn of Gold Cup® series pumps with the intelligence of operational sensors and analytics, offering real-time insight into pump performance and operational usage while maximizing uptime and the life cycle of your product.



Master Display Modules

Parker’s IQAN-MD4 display controller is a family of master display units for IQAN control systems. The IQAN MD-4 is fully programmable for use in any machine application as a master controller. The displays are available in three popular sizes.



Mobile Control Valves

The VA300 is a sectionally-built, load sensing, directional control valve for mobile machinery. Offering industry-leading robustness, precision control, and energy efficiency, the VA300 is designed to provide a highly customizable and flexible valve, ready to incorporate in simple or advanced hydraulic system solutions.



Actuator Systems

Helac actuators are designed to replace multiple components and function as a rotating device, mounting bracket, and bearing - all in one. They feature tremendous torque output and exceptional load bearing capability in compact dimensions.



Electrifying the Future for a Better Tomorrow  
Integrated, Connected, Efficient.

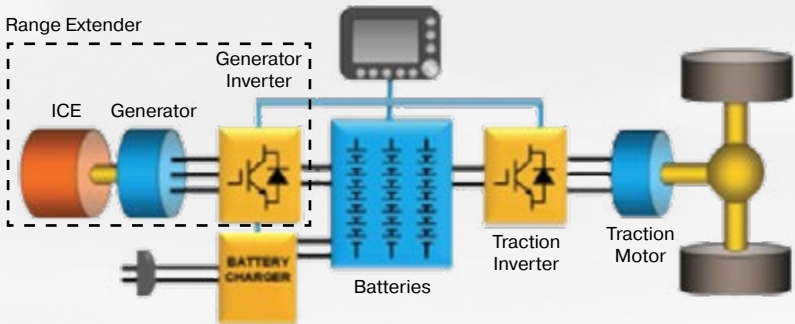


Parker’s customized solutions are designed to meet the operation requirements of the modern mine, backed by over 100 years of experience in electrification, automation, and digital connectivity.

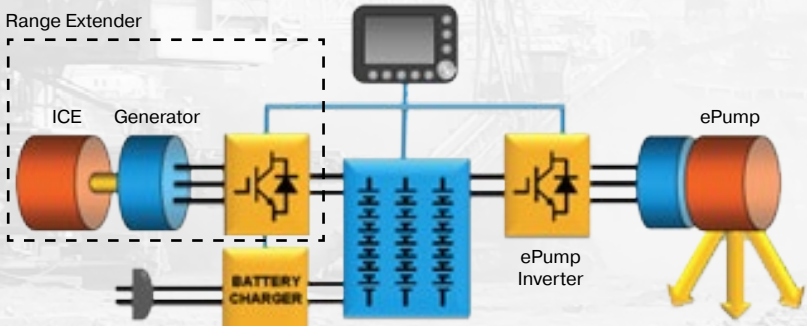
Electrification in mining has the potential to greatly reduce your operation’s carbon footprint, increase your productivity, and save on expensive infrastructure costs. By using electric rather than diesel powered machines, the transfer of carbon from the mine to the atmosphere is greatly reduced. With the absence of engine exhaust and other dangerous pollutants, the mining operation can be safer and more profitable by eliminating the need for expensive, complex ventilation systems. Electrified mining can also enable autonomous, remote-controlled machines in harsh and deep environments, protecting your team from exposure to dangerous working conditions.

Whether you need products for your excavator or transportation needs, Parker’s complete portfolio of surface and underground mining products sets the industry standard.

Traction Motors & Generators



Speed Controlled ePumps for Work Functions



ToughShield™ Plus  
Combating Corrosion with Next Generation Standard Plating

Parker’s steel tube fittings and adapters now come standard with [ToughShield Plus](#), a new patent-pending zinc-nickel plating that provides significant improvement to corrosion resistance versus other available plating technologies, which means:

- Extended fitting service life
- Less frequent and easier maintenance
- Reduced downtime
- Decreased corrosion migration to adjacent components



PTS Parker Tracking System

The Simple, Powerful Asset Management Tool

Our customers asked for a fast, easy and exact way to track, manage and locate parts. For over 11 years, the [Parker Tracking System \(PTS\)](#) has placed its users a click away from valuable tools, including:

- Tagging and storing essential product information
- Scheduling product service and replacement reminders
- Viewing service history
- Registering products
- Locating nearby distributors and spare parts
- Viewing, saving, and sharing digital documents
- Receiving notifications of service events



ParkerStore™ Onsite  
A Customized Mobile Workspace, Ready Where You Need It

Leaving the work site for a replacement hose assembly can result in hours of downtime. [ParkerStore™ OnSite](#) containers help overcome physical or logistical constraints that limit access to critical replacement parts on the work site, so you can stay productive and profitable.

Parker and our ParkerStore teams deliver a fully stocked hydraulic workshop right to your work site. These highly efficient container-based workshops provide all the equipment, technology and inventory needed for on-location fabrication of hose and tube assemblies, filter components, and much more. The ability to apply predictive and preventative maintenance is critical for maintenance and site managers. We’ll even manage the inventory of your container to ensure you stay fully stocked.

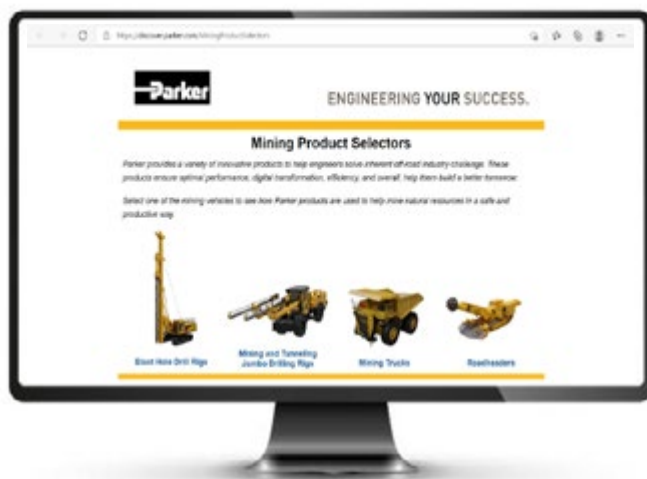


# MINING

## Mining Product Selector

Using Parker's product selector tool is the quickest and easiest way for you to find the right product for your application. Miners and manufacturers can find their equipment and needed component with just a click of a button. Whether it's one product or three, browse through our selector tool to discover which solution is right for you to maximize efficiency and longevity of your equipment.

With our vast array of mining products, in both hydraulics and electrification, we strive to exceed your current product and safety standards with endless innovation. Whether it's protecting your equipment or integrating electrification, Parker has your back in pursuing a successful and cleaner tomorrow.



Access our [Product Selector Tool](#) to explore hundreds of components that benefit today's miners.



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