

Stay On-Track!

No two underground mines have identical conditions. That's why Irwin Car and Equipment has the ability to customize every mining vehicle we manufacture.

Solutions for Production

To maximize uptime, we design our drive trains exclusively to move your locomotive up and down the track. In contrast, competitors purchase drive trains made for construction equipment and front-end loaders, then re-work them for locomotives. The result is inconsistent performance that reduces productivity.

Other benefits include:

- Easily accessible wet disc brake systems that don't require major disassembly
- Suspension systems that provide maximum trackability
- Maintenance-friendly machine design
- Ergonomic cab design for maximum comfort, safety and visibility
- State-of-the-art IGBT control system that delivers maximum power from start to stop

Two for the Price of One

Our dual-purpose personnel carriers can be equipped with couplers, which allow them to double as locomotives between shifts.

Additionally, our 3-point equalizer suspension system maximizes on-track time, our heavy-duty drive trains, ergonomically-designed seating with lumbar support to reduce fatigue and state-of-the-art IGBT control make our personnel carriers the industry leader.



IRWIN CAR AND EQUIPMENT

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Stay On-Track!

Setting the Standard for Remanufactures, Rebuilds and Upgrades

A lot of companies tell you they remanufacture locomotives, personnel carriers and other equipment when all they're doing is rebuilding them. We're different, and better.

At Irwin Car and Equipment, remanufacturing means:

- Disassembling down to the bare chassis
- Sandblasting, then repairing any structural damage
- Inspecting, repairing or replacing all components
- Assembling and testing on our in-house track with a 5% grade

Our definition of rebuild is:

- Determining the equipment problem
- Repairing equipment so it runs
- Applying an exterior coat of paint

We also upgrade equipment to meet customers' specific needs by:

- Replacing motor control systems with the latest IGBT systems
- Replacing mechanical-pneumatic or -hydraulic brake systems with wet or dry disc brakes to reduce the need for maintenance
- Improving or installing suspension systems
- Improving integrity of frames
- Improving passenger seating for added comfort, increasing lumbar support and reducing fatigue
- Improving operator cab layout, including control positions, viewing and general ergonomics

As the saying goes, "you get what you pay for." By relying on us for remanufacturing, rebuilding and upgrading, you'll extend equipment life beyond your expectations.

The Diesel Factor

Recently, diesel has become the mining industry's fuel of choice. Coal producers are now facing higher oil prices, and ever increasing federal and state regulations are eroding profits as never before. You can slow the decline, control costs and address the pressing national concern about energy independence by considering Irwin Car's clean and efficient electric-powered equipment.



Locomotive (Before)



Locomotive (After)



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