That’s a perfect description of the heavy-duty, rail-based material handling equipment that we’ve been designing and manufacturing for more than a century. Although our name has changed over the years, one thing has remained constant: applying our vast experience to the development of total haulage solutions that are customized to your current needs and flexible enough to serve you in the future.

Our car bodies are made of all-welded, reinforced steel, and our wheels are made of the highest quality cast or forged steel, with tread diameters to suit your particular requirements. Likewise, you can select the couplers and cushioning devices that are appropriate for your application.

To help you guide your mining and tunneling cars reliably, we offer a complete line of battery-operated, diesel/hydraulic and D.C. trolley locomotives that contain the latest in control technology.

For the best single-source supplier of rail-based material handling equipment and systems, look no further than Irwin Car.
Whether you’re involved in mining or tunneling, and no matter how tough the conditions, our muck cars, Granby cars, ballast cars, pump cars, roof support cars and low boy equipment carriers will give you the highest value possible for your purchasing dollars.

Besides providing you with new equipment, our in-house machining and fabrication facilities enable us to repair components in a fraction of the time it takes to build a new car. In addition, our vast inventory of wheels, wheel assemblies, power transmission components and bearings makes it possible for you to schedule equipment repairs in ways that maximize your uptime.

Our acquisition of Balco Incorporated has made us a leader in the design and production of battery-powered, diesel/hydraulic and DC trolley locomotives which can be customized to meet MHSA explosion-proof requirements, special clearance configurations and various track gauges. We can also equip our units with operator or passenger cabs and radio/remote control.

As a single-source provider of total haulage solutions, we are committed to working with you as a strategic partner.

**MUCK CARS**
- Fabricated of mild steel or high tensile corrosion-resistant steel.
- Integral channel-type stiffeners give car extra strength without excess weight.
- Locking devices make dumping easy.
- Always rides on pivot points.
- Available in 4-wheel or 8-wheel construction for any track gauge, in any size or capacity.

**DUMP CARS**
- Available in 6-wheel or 8-wheel construction for any track gauge, in any size or capacity.
- Modeled of all-welded, heavy-duty construction.
- Equipped with automatic door opening/closing device.
- Automatic opening & closing enables cars to be unloaded while in motion.
- Also available in Moran and Welkomme cars.

**GRANBY CARS**
- Self-cleaning design to facilitate dumping.
- Equipped with sandwiched hardwood-lined floors or deck plates.
- Unable to “camel back” or simple hydraulic dump.
- Available in a variety of sizes to suit any length, width, height and track gauge.

**BALLAST CARS**
- Individually-adjusted discharge doors.
- Available in 4-wheel or 8-wheel construction.
- Can be built to any length, width, height or capacity.

**LOW BOY EQUIPMENT CARRIERS**
- Available with fixed or telescoping connecting link.
- Available for any track gauge.

**STORAGE BATTERY LOCOMOTIVES**
- Available in sizes ranging from 1.5 to 30 tons for tunnels or mines of moderate grade, and for harsh industrial environments.
- Available in one-motor and two-motor drive assemblies.
- Maintenance-free solid state controllers with electric braking for smooth operation & extended battery life.

**DIESEL/HYDRAULIC LOCOMOTIVES**
- Operates at higher speeds than electric designs.
- Available in sizes ranging from 2 to 80 tons.
- 15-ton & smaller units equipped with single-speed constant mesh transmission.
- Larger sizes equipped with multi-speed transmission with planetary gears & wet disc brakes (optional).

**DC TROLLEY LOCOMOTIVES**
- Available in sizes ranging from 2 to 30 tons.
- Equipped with IGBT controllers with regenerative braking.