Committed to Excellence

For nearly 50 years, GE’s Fairchild Mining Equipment has been setting the industry standard for excellence in helping mines improve productivity while lowering fuel use, emissions and life-cycle cost. Besides having a wide selection of state-of-the-art vehicles, GE Mining offers a superior level of aftermarket service that keeps equipment in top working condition.

World-class products and complete service, combined with a team of experienced professionals, make GE Mining a dependable source for top performance:

- AC WD and DC battery-powered scoops
- Diesel-powered scoops and tractors
- Multipurpose vehicles
- Longwall shield haulers
- Mainframe vehicles
- Continuous miners and haulage systems

Wherever there is underground mining activity, GE Mining can provide innovative solutions for the world’s toughest mining challenges.

Manufacturing quality mining equipment

GE’s Fairchild Mining Equipment is produced by GE Mining, a unit of GE Transportation. GE’s Fairchild Mining Equipment offers complete lines of battery-powered scoops, diesel-powered scoops and tractors, multipurpose vehicle, longwall shield haulers, mainframe vehicles and continuous miners and haulage systems.

GE’s Fairchild Mining Equipment features superior engineering and production quality. Manufacturing takes place at facilities in Glen Lyn, VA.

About GE Mining

For more than half a century GE has been solving the world’s toughest mining challenges. GE’s newest business, GE Mining, is dedicated to transforming the mining industry by doing what GE does best—developing leading technologies to build power and move the world. GE Mining delivers solutions that address the most critical requirements of power, water and productivity.

GE Mining delivers solutions such as power generation and distribution systems for reliable and readily available electricity, as well as water treatment systems for filtration, desalination and reuse. GE Mining also provides productivity solutions including components and systems for crushing, grinding, conveying and hoisting; service expertise in turnkey systems development; and advanced software for monitoring and controlling remote operations, and electric drive systems for mining vehicles and underground mining equipment.

GE’s Fairchild Mining Equipment

Repair services that make your used equipment “like new”

GE Mining keeps your mining vehicles in top working order by providing comprehensive repair and refurbishment services that keep your continuous miners, haulage systems, shield haulers, battery- and diesel-powered scoops and mainframe vehicles running smoothly.

To ensure that your factory rebuilt equipment is as good as new, our process consists of:

- Dismantling
- Sandblasting and cleaning
- Fabrication
- Electrical
- Hydraulic
- Mechanical
- Re-assembly
- Permissibility
- Final check
- Customer inspection

Fabrication consists of mainframe and bucket inspection and restoration to OEM specifications. Electrical, hydraulic and mechanical equipment are inspected thoroughly and repaired or replaced as appropriate. When it comes to re-assembly, we install new electrical wiring, hydraulic hoses and oil seals, bearings, bushings and pins as necessary.

To ensure permissibility, we restore equipment to its original 2G form and put original or duplicate tags on the machine, certifying compliance with MSHA regulations. Final check consists of your in-factory inspection before we test the machine and apply a primer and final coat of paint. We also service equipment at locations worldwide and offer customized onsite training programs to familiarize you with your new equipment.

GE’s Fairchild Mining Equipment
Versatile multipurpose vehicles
GE’s Fairchild Multipurpose Vehicle Series features the industry’s most flexible mining vehicle. It can be converted by removing the fifth wheel assembly and replacing it with other attachments, including a scoop bucket, maintenance center and forks with a duckbill to provide "four vehicles in one." The Multipurpose Vehicle is available in battery- and diesel-powered units.

Diesel-powered scoop
The 35C Diesel-Powered Workhorse Scoop is tough and reliable enough to produce the desired results. Featuring state-of-the-art technology, including Cummins† power units, this maintenance-friendly vehicle is available in permissible and non-permissible models.

AC variable frequency drive scoop (VFD)
- Machine torque greater than traditional scoops
- Increased tram speed
- Twice the battery life of standard 128V units
- Increased tram speed and load capacity stability, create safer operating conditions
- Decreased battery maintenance and allowing
- Lowest grinding load and variable load/passenger
c kaumeneering low noise cost
- Significant lower drive heat allowances costly motor and cable replacements or repairs

Low-seam capable scoops
For low-seam mining, the 35C-LV-AC and 35C-LS-DC Low Vein Battery-Powered Scoops can operate under the harshest conditions and help to maximize efficiency.

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Longwall shield haulers
This vehicle has proven stability under heavy loading in longwall operations with significantly lower electrical heat, eliminating costly motor and cable replacement or repairs. The 36S-AC Longwall Shield Haulers feature state-of-the-art technology and exceptional design characteristics throughout the machine, including dual 75HP tram motors, 72- to 84-inch fork length, and large capacity scoop bucket. The vehicle is also equipped with 48-inch tires and durable inboard planetary axles.

Selective mining on the first swing
The F330 Continuous Miner can be customized for manual or remote control operation. With less rock in the raw coal, preparation plants can operate more efficiently while minimizing the environmental impact of their processing activities.

GE Mining produced the first AC VFD-Powered Scoop.

GE’s Fairchild mining systems can mine coal selectively by cutting and loading low-ash coal on the first swing before cutting and loading rock, high-ash or high-sulfur coal on the second swing without resetting the miner.

The F330 Continuous Miner high productivity thin-seam continuous mining system allows mine operators worldwide to mine a cleaner product and increase their recoverable reserves dramatically.

GE’s Fairchild maintenance vehicles and centers are MSHA approved and permissible, making them ideal for keeping equipment in top condition.

The maintenance vehicles feature a four-ton 12V4 OTR-watt powered pressure washer on compressor control tank with optional air tank, oxygen and acetylene storage, onboard hoist area, gear and hydraulic oil tanks, safety lights and various tool boxes and vises. Vehicles are available in custom and standard models.