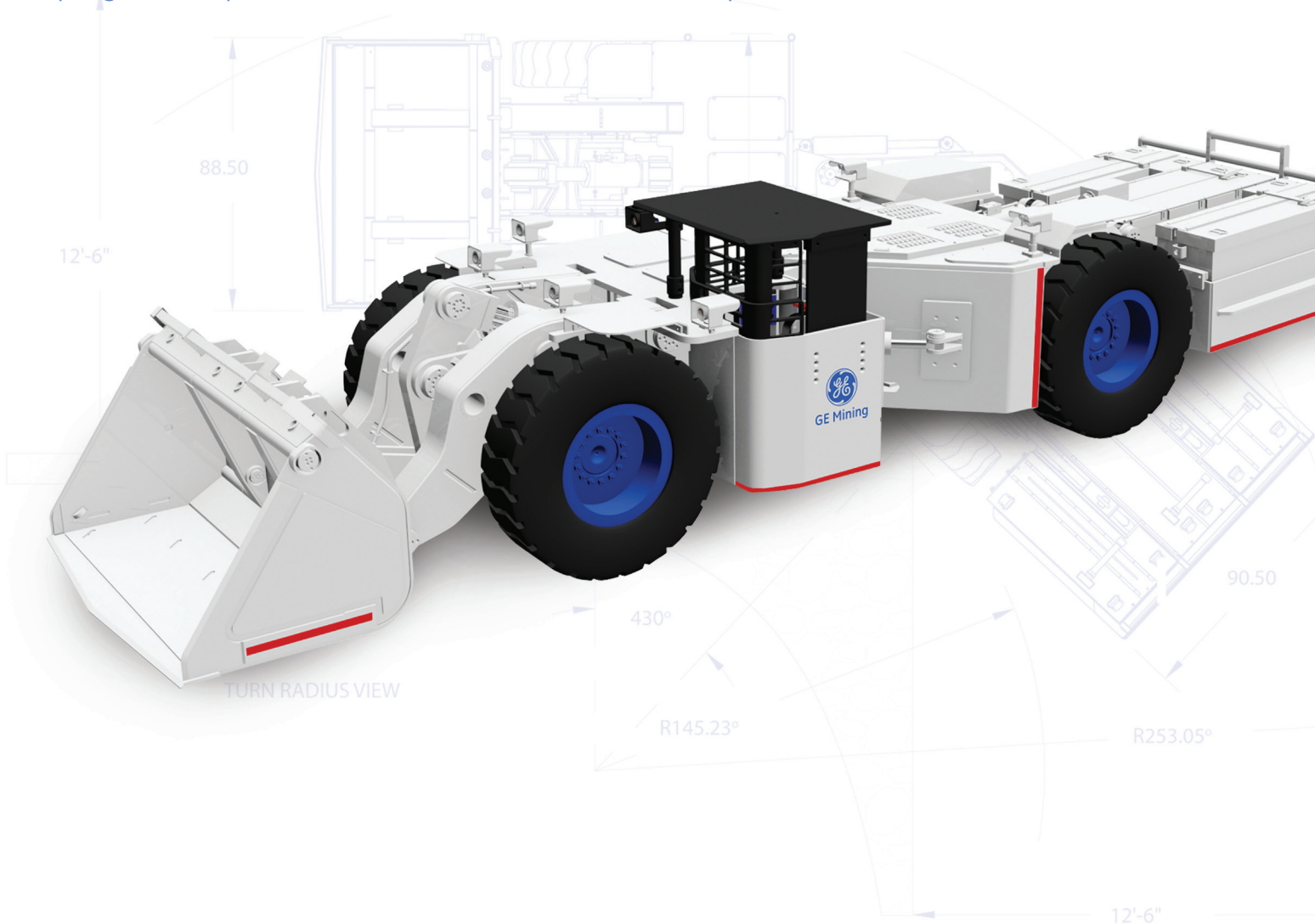


Battery Powered AC LHD - Load Haul Dump

Helping mine operators create safer, cleaner and quieter work environments.

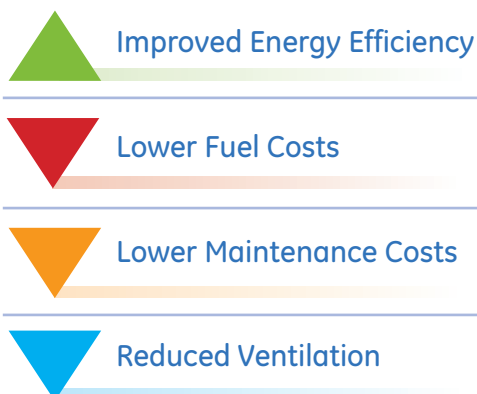


GE's Fairchild™ Battery Powered Load Haul Dump Vehicle

Cut operating expenses and improve safety

GE's Fairchild battery powered LHD uses the latest underground mining propulsion technology to help mine operators make the switch from diesel powered vehicles* while improving their competitive advantage and the quality of working conditions.

Life Cycle Cost



*Performance results may vary based on mine conditions.

Key benefits include:

- Zero emissions
- Reduce maintenance requirements
- Cleaner, safer & quieter mine environments
- Lower fuel costs
- Reduced life cycle costs
- Regenerative braking



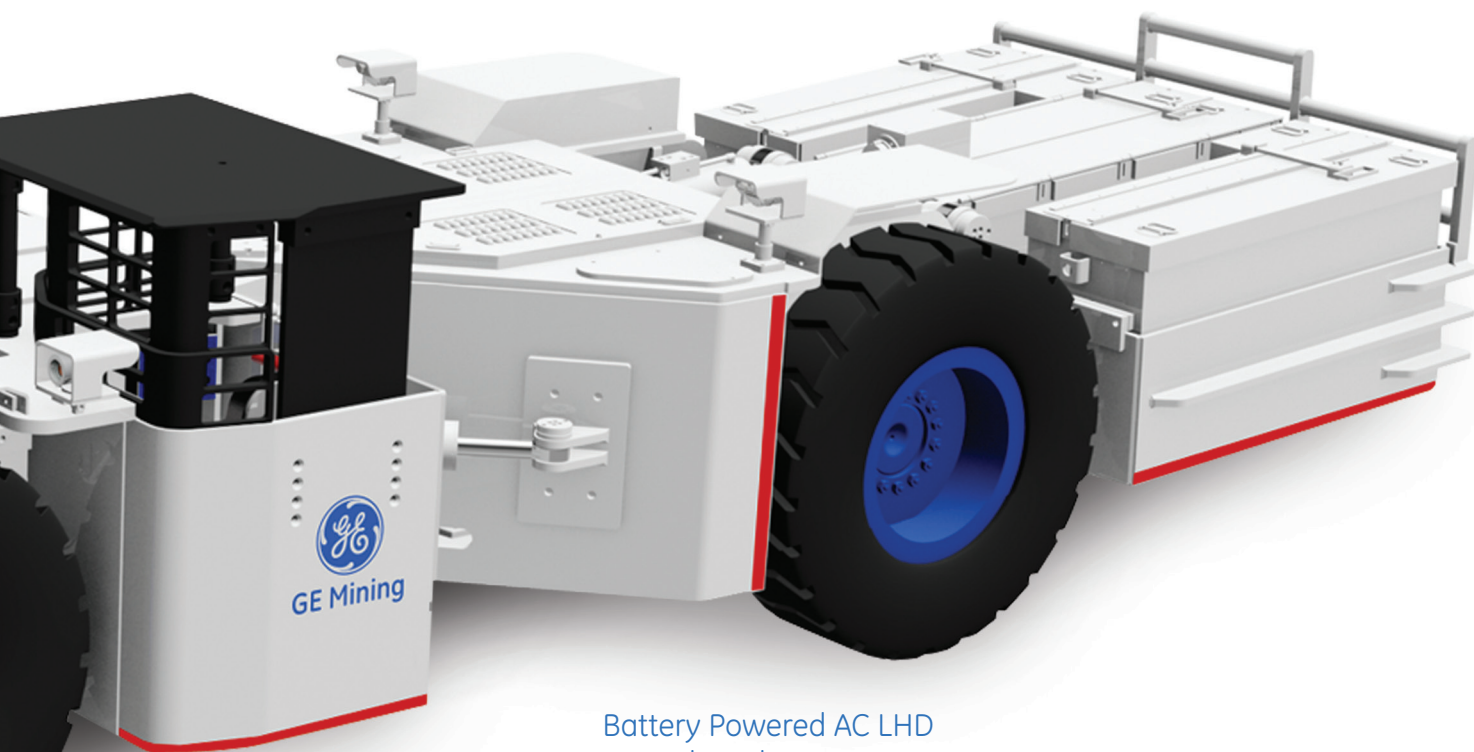
Vehicle Performance

Performance Data	
Tramming Capacity	11,000 lbs. (4,989.5 kg)
Breakout Force, Lift	28,000 lbs. (12,700 kg)
Breakout Force, Tilt	28,000 lbs. (12,700 kg)
Standard Bucket Capacity	3 yd ³ (2.7 m ³)
Travel Speed (Loaded/Level)	4.8 mph (7.72 km/hr)
Bucket Motion Speed	Raise – 7.86 sec (0 in. to 134 in.) (0 cm to 340 cm) Dump – 3.24 sec (-40° to +40°) Eject Blade - 2.9 sec
Tram Motor Rating	50 hp (36.77 kw)
Pump Motor Rating	25 hp (18.39 kw)
Batteries	240V, 930 Ampere Hours (214.8 kWh)
Axle Oscillation	±8°

GE's Fairchild battery powered LHD is engineered to deliver superior performance in the most challenging hard- and soft-rock environments.

The vehicle is also designed to significantly reduce fuel and maintenance costs while having minimal impact on the environment.

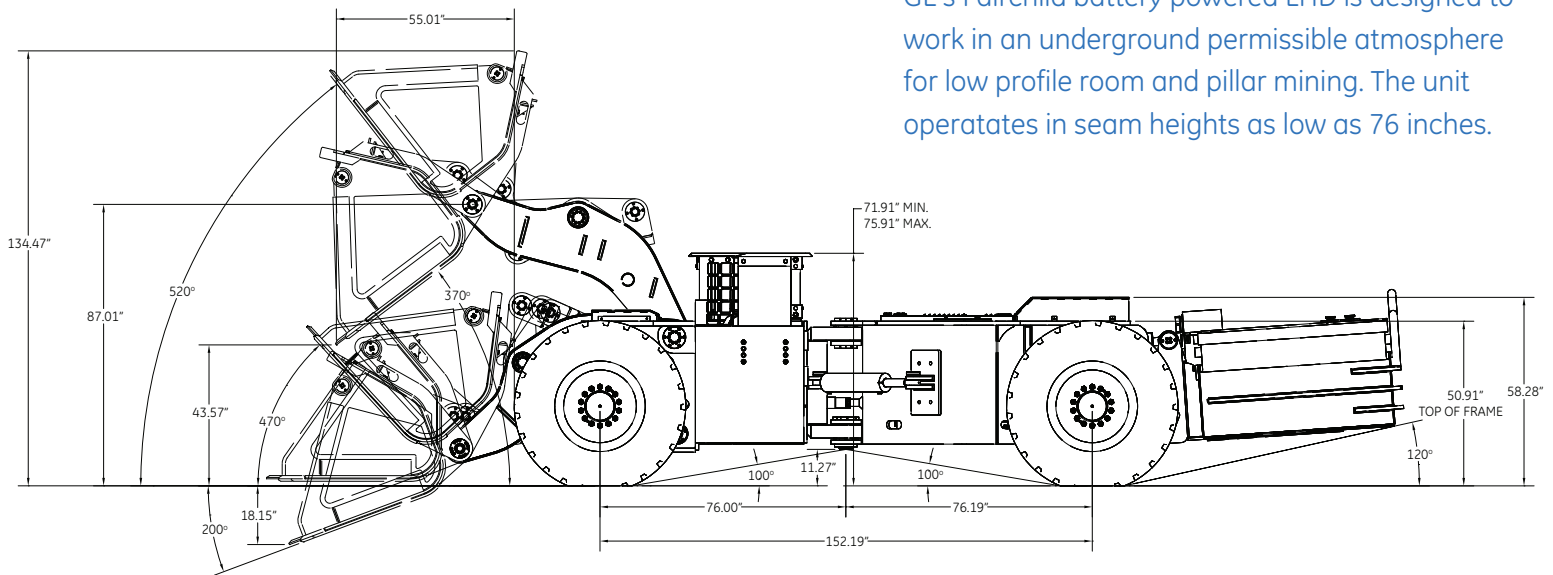
The battery powered LHD is poised to set the industry standard utilizing the latest battery and propulsion technology.



Battery Powered AC LHD
- Load Haul Dump

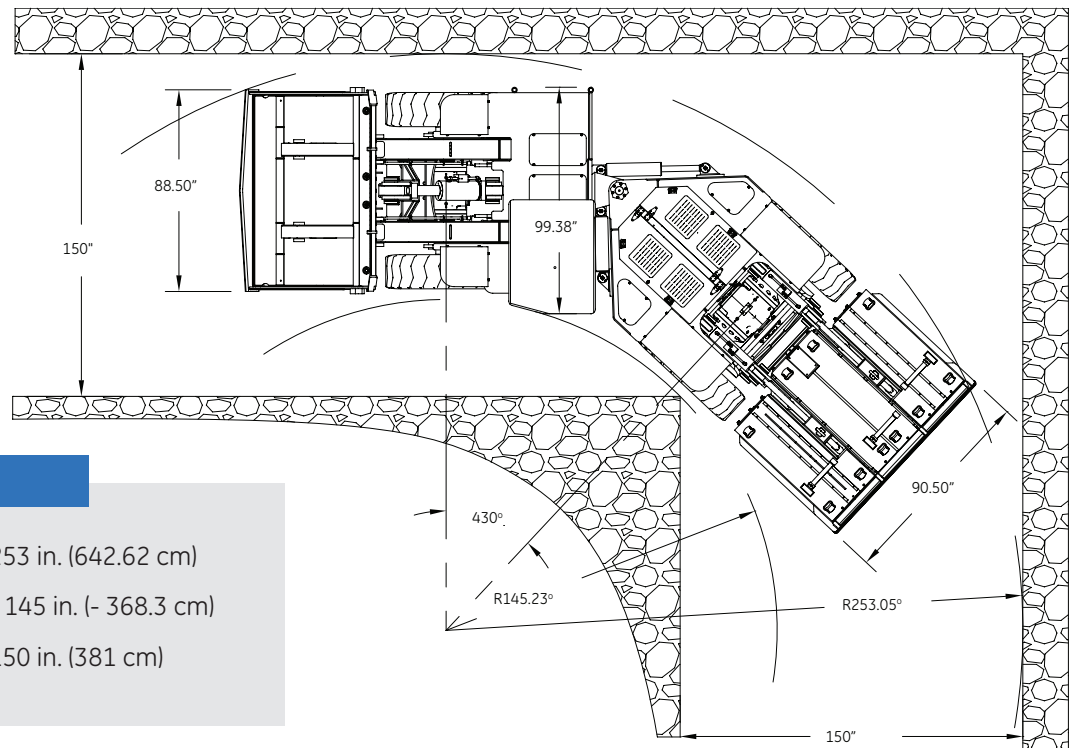
Technical Dimensions

GE's Fairchild battery powered LHD is designed to work in an underground permissible atmosphere for low profile room and pillar mining. The unit operates in seam heights as low as 76 inches.



Equipment Dimensions

Total Length	339.2 in. (996.18 cm)	Wheelbase	152.2 in. (386.58 cm)
Maximum Width	99.4 in. (252.47 cm)	Departure Angle	12°
Height w/ Canopy	72.0 in. (182.88 cm) min. 76.0 in. (193.04 cm) max.	Break Over Angle	10°
Frame Height	51.0 in. (129.54 cm)	Overall Height Raised	134.5 in. (341.63 cm)
Minimum Ground Clearance	11.3 in. (28.7 cm)	Reach	55.0 in. (139.7 cm)



Turning Radius

Outside	253 in. (642.62 cm)
Inside	- 145 in. (- 368.3 cm)
Minimum Entry Width	150 in. (381 cm)

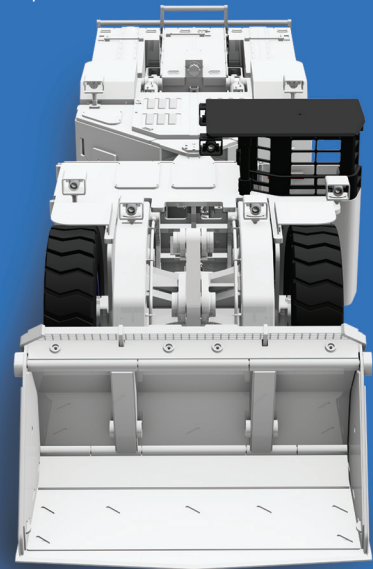
A Win-Win Proposition

GE's Fairchild Battery Powered Load Haul Dump (LHD) Vehicle is beneficial to mine operators and the environment. By using the latest technology in battery powered equipment instead of diesel fuel, the LHD lowers cost of ownership while minimizing an operator's carbon footprint.

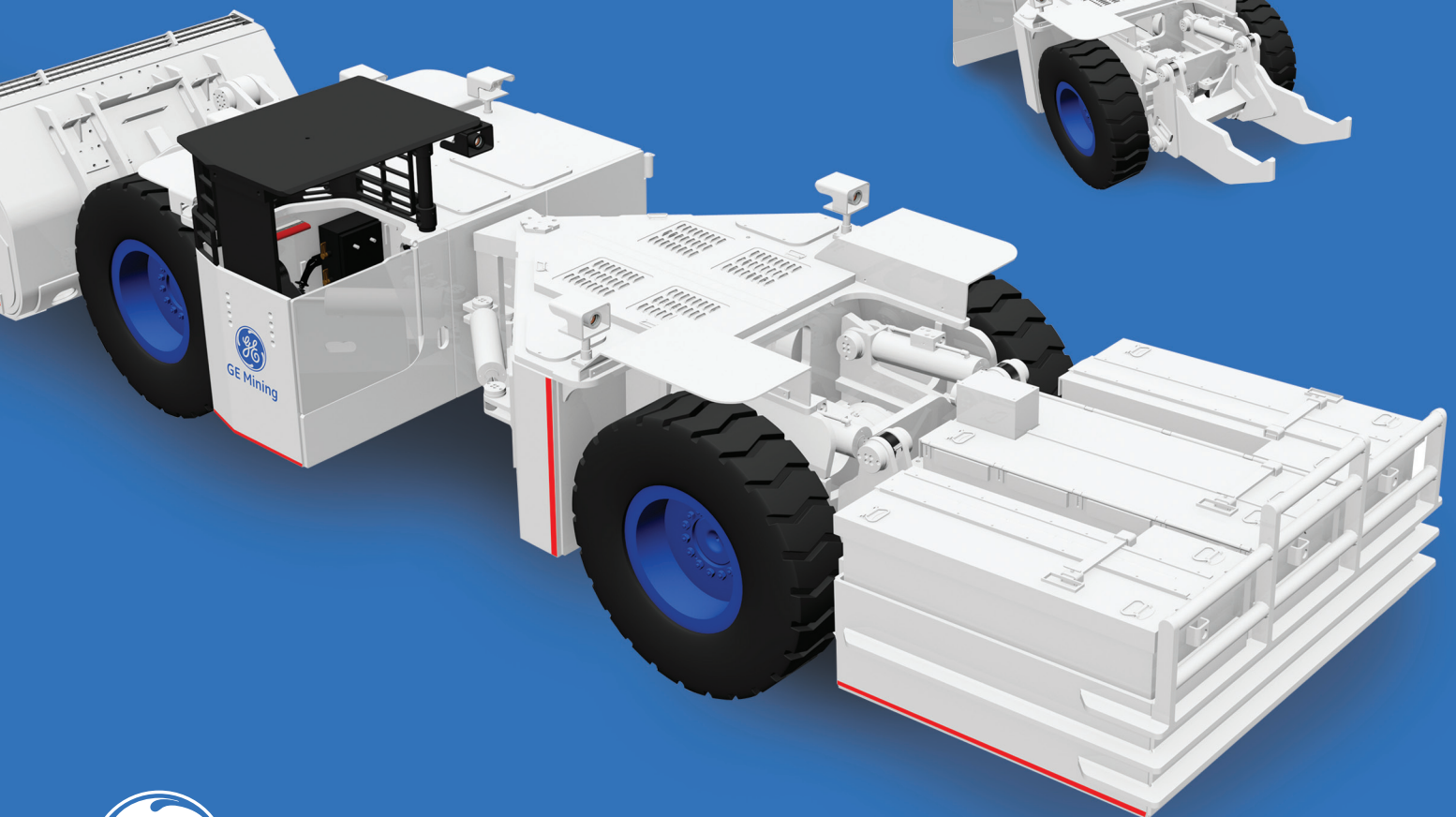
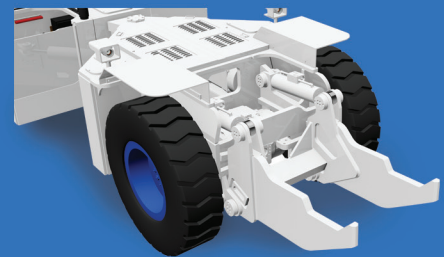
This vehicle is suited to the harshest environments in hard- and soft-rock mines across the globe. Improved mobility, better working conditions and higher productivity are some of the many advantages the LHD offers.

By switching to GE's Fairchild Battery Powered LHD, mine personnel can see the immediate impact of their operating costs going down.

Top View



Ground Based Battery System



GE imagination at work



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 vehicles, longwall shield haulers, maintenance vehicles and continuous miners and haulage systems. GE's Fairchild Mining Equipment features superior technical design, 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. As global demands for energy and raw materials continue to grow, mining companies face ever-increasing challenges to bring these resources to market. To help mines achieve success, GE Mining delivers innovative solutions for 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; optimization software for monitoring and controlling remote operations; and electric drive systems for mining vehicles and underground mining equipment.

World Class Customer Service

GE Mining complements the design and production of superior mining equipment with:

- Extensive Customer Training Programs
- Quick Response for Supplying OEM Replacement Parts
- Technical Assistance

Everyone on the GE Mining team is committed to making sure that customers are optimizing GE's Fairchild Mining Equipment to enhance:

- Worker Safety
- Environmental Stewardship
- Productivity
- Profitability

GE Mining gauges its success by measuring how effectively it helps customers maximize economic performance, minimize carbon footprint and operate in a socially responsible manner.

The company's leadership and heritage contribute to GE Mining's desire to continually help customers improve their operations.

By meeting the specific needs of each customer in a timely manner for half a century, GE Mining is – and will continue to be – a true partner of mine operators worldwide.



GE imagination at work

GE Mining
200 Fairchild Lane
Glen Lyn, VA 24093 USA
GE-Fairchild LLC
T +1 540 921 8000
www.gefairchild.com

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