

EMU

Electric Mine Utility Vehicles

The Pillar EMU will revolutionize the way you think about electric mine vehicles. The EMU is not a re-manufactured golf cart; it's a purpose-built utility vehicle designed to stand up to the rigors of everyday mine duty. From moving material to aiding in the transport of injured miners, the EMU is easily configured to handle a multitude of tasks. So leave the carts to the caddies and jump on an EMU.

SPECIFICATIONS

Model Specs (All Vehicles)	
Powertrain	30 HP 48V Regen Motor
Transmission	On Demand True AWD
Front Suspension	MacPherson Strut 8" Travel
Rear Suspension	Dual A-Arm IRD 9" Travel
Ground Clearance	10"
Range	15-25 miles in underground conditions
Charge Time	8-12 hours from complete discharge
Top Speed	25 mph

Vehicle	Length	Width	Height	Max Passengers	Payload
LT	108"	56.5"	60" or 73"	2	1000 lbs
LT-4	147"	56"	73" *	4	1000 lbs
LR	129"	60"	44"	2	1000 lbs
LR-4	160"	60"	44"	4	1000 lbs

*custom heights available upon request



EMERGENCY VEHICLES

A Faster Route to Safety

The EMU Ambulance came from an idea that a Pillar employee had one day while working at a mine. He saw a miner with head and back injuries being transported to the surface. The rough ride via mantrip caused the miner additional pain, and the driver had to slow down greatly to ease the pain. A vehicle better suited to this need saves time and gets injured miners the treatment they need much more quickly. Pillar has worked with mine safety managers and a federal mine inspector to develop vehicles specifically designed for use as an ambulance.

The EMU-ALR is a modified version of the popular EMU-LR (Low Rider), designed for 45" seams. The EMU-ALT is available for mines with a height of approximately 70" and above.

SPECIFICATIONS

Standard Model	Length	Width	Height	Max Passengers
EMU-ALT	124"	56.5"	60"	3
EMU-ALR	160"	60"	44"	3



EMU-ALT



EMU-ALR

CUSTOMIZED EMERGENCY VEHICLES

Electric Model Specs	
Powertrain	30 HP 48V Regen Motor
Transmission	On Demand True AWD
Front Suspension	MacPherson Strut 8" Travel
Rear Suspension	Dual A-Arm IRD 9" Travel
Ground Clearance	10"
Range	15-30 miles, depending on conditions
Charge Time	8-12 hours from complete discharge
Top Speed	25 mph
Length/Width/Height	Custom Design
Max Passengers	Custom Design
Payload	Custom Design



Custom Fire Rescue Truck



Custom Ambulance

CUSTOM VEHICLES

Task Specific Builds

Pillar Innovations specializes in customizing utility vehicles. If you need a vehicle unique to our standard builds, we'll provide the features that fit your needs on the chassis of your choice: diesel, gas, or electric. Whether it be an ambulance, fire truck, or other specialty vehicle, we'll work with you to design a custom build that will get the job done.

Pillar also provides Kimtek firefighting apparatus on various Polaris UTV chassis. Our various configurations include emergency lighting and any other customized accessory. We'll create the perfect configuration to meet your needs.

SPECIFICATIONS

Base Vehicle Type

- Electric (48 Volt)
- Gas
- Diesel

Vehicle Feature Options

- Color
- Cab Accessories
- Winches
- Lighting

Accessories

- Multiple Apparatus Configurations
- Custom Designed, Task-Oriented Features

Every project has its own set of challenges. Contact Pillar Innovations to discuss how we can create the right vehicle for your job.



Custom Projects from Render to Build



Custom Projects from Render to Build



Custom Firefighting Apparatus



Custom Firefighting Apparatus