

EZRAIDER

ALL-TERRAIN ADVENTURE



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“I wanted to create a machine to generate the most exhilarating off-road thrill.”

EREZ ABRAMOV
INVENTOR OF THE EZRAIDER



OUR VISION

The EZRaider is a first of its kind. The new vehicular category we invented enables you to ride on a narrow, stable, and safe, four-wheel vehicle with extreme off-road capabilities.

The EZRaider provides a unique riding experience that feels like a combination of surfing and riding a dirt bike with the stability of a four-wheel vehicle.

These unique characteristics and capabilities place the EZRaider at the forefront of all-terrain & urban eco-friendly personal mobility.



INTUITIVE RIDING

Intuitive handling is the driving force behind any EZRaider.

There is no other machine like the EZRaider that connects Man-and-Terrain so intuitively and with such performance to riders of all levels so quickly and safely.

SUPERIOR TECHNOLOGY

The basic framework of the EZRaider, the chassis, is designed and hand-crafted like an off-road racing car incorporating aspects from the worlds of super-bikes, racing cars, and even aviation technology.





ONLY THAT WHICH SERVES A PURPOSE - STAYS ON THE VEHICLE:

The EZRaider is crafted using only lightweight, superior materials, using special equipment to achieve the smallest wall-thickness to reduce weight even further.

However, you are only as strong as your weakest link, which is why all components of the EZRaider are sleek and fortified to withstand any challenge.

Our patented suspension system lies at the heart of every EZRaider, and is the only suspension system of its kind designed for a stand-up rider.

The challenges alone required inventing a **NEW KIND OF SUSPENSION SYSTEM** and numerous other patents in every EZRaider.

EZRaiders patented unique 'floating suspension' is an engineering marvel capable of **Six Axes of Movement** – 360 degrees with a Long Travel Suspension F/R of 50 cm/20".

As a result, the EZRaider is able to 'flatten' any type of terrain unlucky enough to get in its path, giving you commanding control, so you can focus on the ride ahead in maximum safety.

CHALLENGES

To build a narrow, short, 4-wheel vehicle capable of maneuvering through any **APOCALYPTIC TERRAIN** at **FAST SPEEDS**, taking **SHARP CORNERS** with a smirk while the **RIDER** is **STANDING UP** on a board - having only the rider's weight and a handlebar to hold on to.

After all, any swift and forceful bump should knock the rider off the board – something you will never experience with an EZRAIDER.

 **PRESS PLAY
TO SEE IN ACTION**

No other machine gets you closer to nature than an EZRaider.

Go off the beaten path and breathe in the fresh air to experience all that nature has to offer.

The EZRaider provides you with non-obtrusive unlimited access in order to fully explore the rugged outdoors and urban areas.

The EZRaider offers:

- Unique & Engaging riding
- All-terrain navigability
- Low maintenance
- Suitable for all
- Safe & Stable





If what you want is a professional, lightweight, agile and engaging, user-friendly and extreme off-road machine, able to generate endless moments of off-road or urban excitement and adventures.

If your work environment requires you to move across vast indoor, off-road, or urban areas.

Then, the lightweight and athletic, powerful, intuitive, extremely capable and safe EZRAIDER LW is the right choice for you!



DIMENSIONS

Width 66 cm / 26"
 Length 161 cm / 63"
 Height 127 cm / 50"
 Height folded ... 64 cm / 25"

LONG RANGE & POWERFUL

Battery 60V 1740w/h
 Motor 2x1200w
 Max speed ... 40 km/h - 25mi/h
 Max range ... 45 km / 28 mi
 (can double)
 Payload 170 kg / 375 lbs
 Quality Sine-wave Controller .. x2
 Hydraulic Brake Discs x4

CLEARING CAPABILITIES

Travel Suspension .. 50 cm / 19.7"
 Ground Clearance .. 19.9-21.4 cm
 (tyre dependent) .. 8"-8.4"
 Approach Degree..... 90°
 Departure Degree 90°

WHEELS & TYRES

Wheel 10" (254 mm)
 Tyre 120/90-10
 Tyre AT 20x6-10



**VERY LOW
 RUNNING COSTS**



**TRUSTED BY ARMIES, POLICE
 FORCES & MUNICIPALITIES
 WORLDWIDE**



**COMFORTABLE
 & SAFE**

If what you want is a machine with so much power and agility, you can take on any obstacle fearlessly.

And what you need is a heavy-duty utility vehicle able to work under extreme working conditions of heat, longer travel distance on a single charge, additional Power port for range-extension to fit your needs, and Control port, able to connect to an e-trailer carrying extreme weights, opening a wide range of applications and more efficacy.

Want to enjoy both worlds of agility and Heavy-Duty? Then the EZRAIDER HD2 is the right choice for you!



DIMENSIONS

Width 66 cm / 26"
Length 163 cm / 64"
Height 127 cm / 50"
Height folded ... 66 cm / 26"

LONG RANGE & POWERFUL

Battery 60V 45Ah
Motor 2x1200w
Max speed ... 40 km/h - 25mi/h
Max range ... 70 km / 43mi
(can double)
Payload 170 kg / 375 lbs
Quality Sine-wave Controller .. x2
Hydraulic Brake Discs x4

CLEARING CAPABILITIES

Travel Suspension .. 50 cm / 19.7"
Ground Clearance .. 19.9-21.4 cm
(tyre dependent) .. 8"-8.4"
Approach Degree..... 90°
Departure Degree 90°

WHEELS & TYRES

Wheel 10" (254 mm)
Tyre 120/90-10
Tyre AT 20x6-10



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WORLDWIDE**



**COMFORTABLE
& SAFE**

EZRAIDER HD4

If what you need is a tireless heavy-duty utility vehicle whose essence is power, extreme navigability, agility, reliability, and safety.

If your everyday work environment is mud, sand dunes, and snowy terrains, and your work in the outdoors demands a wide range of applications and more efficacy, high payload, carrying capabilities, and long driving range...

And, what excites and challenges you is colossal instantaneous power at your fingertips.

Then your 'medicine' is the EZRAIDER HD4!!!
It will change your game!



EZRAIDER HD4



DIMENSIONS

- Width 76 cm / 30"
- Length 170 cm / 70"
- Height 128 cm / 50"
- Height folded ... 76 cm / 30"

LONG RANGE & POWERFUL

- Battery 60V 45Ah
- Motor 4x1200w
- Max speed ... 40 km/h - 29mi/h
- Max range ... 65 km / 40mi
(can double)
- Payload 205 kg / 452 lbs
- Quality Sine-wave Controller .. x4
- Hydraulic Brake Discs x4

CLEARING CAPABILITIES

- Travel Suspension .. 50 cm / 19.6"
- Ground Clearance .. 19.9-21.4 cm
(tyre dependent) .. 7.8"-8.4"
- Approach Degree..... 90°
- Departure Degree 90°

WHEELS & TYRES

- Wheel 10" (254 mm)
- Tyre 120/90-10
- Tyre AT 20x6-10
- Tyre AT 22x7-10



**VERY LOW
RUNNING COSTS**



**TRUSTED BY ARMIES, POLICE
FORCES & MUNICIPALITIES
WORLDWIDE**



**COMFORTABLE
& SAFE**

CARTS

E-CART

The EZRaider E-CART is a unique electric cart with a 1500 W electric hub motor on each wheel and a dedicated controller for each motor. The E-Cart can include two large lithium-ion batteries.

The E-Cart control and power cables connect to the EZRaider outlets connectors and include a dedicated wagon tow hitch that is designed to use with the EZRAIDER HD2 or EZRaider HD4.

- Range extension & Power multiplier.
- Carry load - 250 kg / 551 pounds.
- Independent Batteries, Engines & Controllers.
- Can charge the EZRaider.

Length: 165 cm / 65"

Height: 65 cm / 22.5"

Weight: 75 kg / 165 lbs

Battery: 60V 3000w/h

Motor: 2x1500w



STANDARD CART

A perfectly fitted cart with a dedicated connection to the vehicle. The cart can be used to carry equipment, transport goods, evacuate wounded, and much more.

- Connects to all EZRaider models
- Made from Aluminium



RANGE EXTENTION (EXTRA BATTERY)

The range extender is a second plug-in battery with the main battery.

The range extender can add up to 40 km / 25 mi.

- Reduce range anxiety
- Enjoy more the outside



ACCESSORIES

PUBLIC ADDRESS SYSTEM, STROBES & MIC

A must-have addition to Police & Emergency vehicles, the EZRaider Public Address System enables better visibility and awareness.

- Police & Emergency lights
- Equipped with a public address system with a command box, a siren, LED lights, and a handheld microphone.

2ND PERSON STAND & HANDLEBAR

The unique stainless steel platform enables the rider at the back to move dynamically together with the front rider. This allows for better distribution of the center of gravity and better

- Fits perfectly into your HD4 model
- Enables a safe and dynamic riding of the second rider
- Great for Police, Army & Security Patrolling





ACCESSORIES

MUDGUARDS

Made from 3mm Polycarbonate and metal connectors - the original EZRaider mudguards offer the perfect balance of strength, flexibility, and resilience.

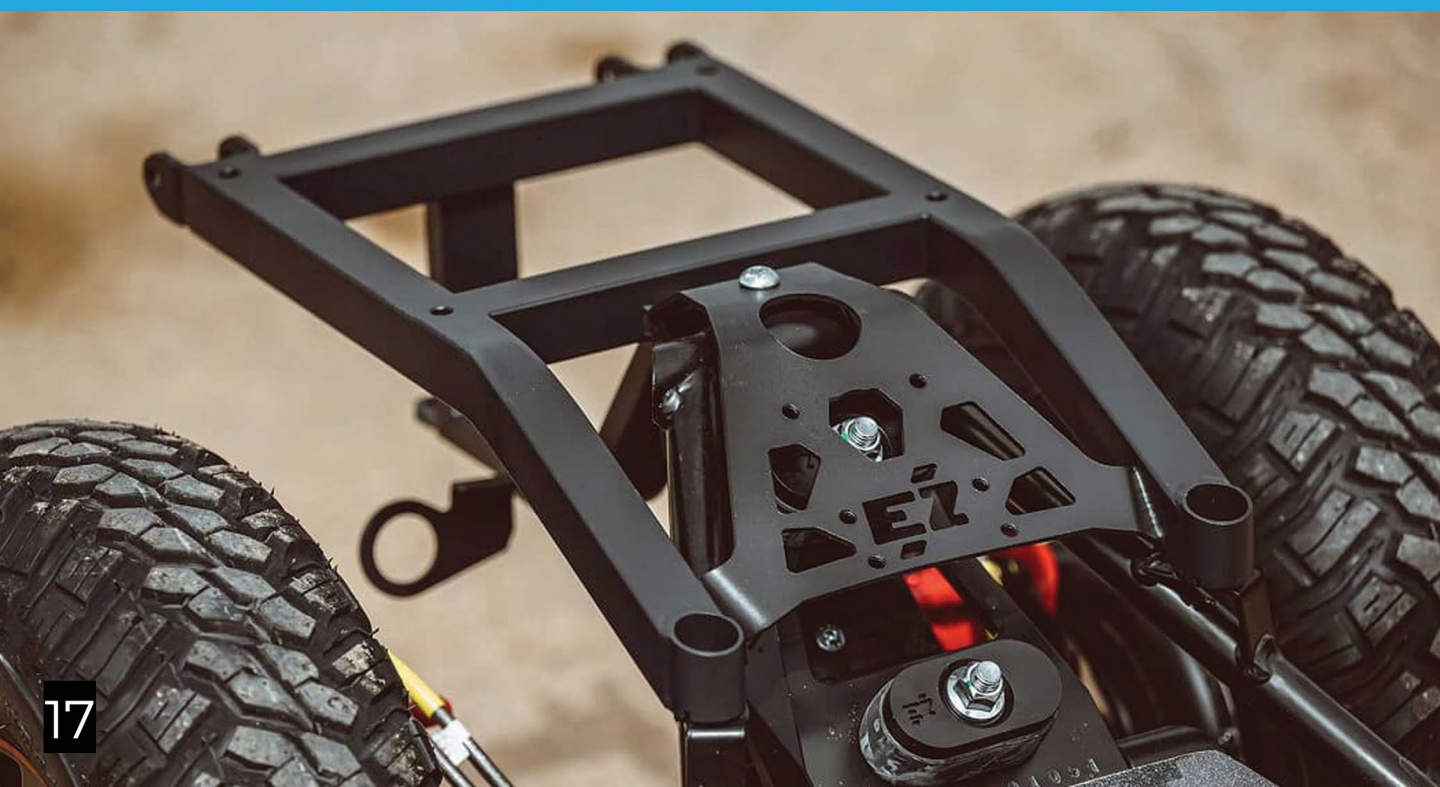
These mudguards cover almost the entire travel suspension for complete protection against mud, dirt, ice, gravel, and road salt.

- Stay protected & clean

HD LUGGAGE RACK & HAULING MOUNT

EZRaider models allow for additional towing power and toolbox to hold and protect the rider's gear. The rack has three separate Clevis mounts that can be used for a variety of applications taking full advantage of your EZRaider.

- 3 Separate Clevis Mounts Built-in place for Power & Controller ports
- Made from Stainless Steel 304
- Mounts without modifying your EZRaider





LW LUGGAGE RACK

Beautifully designed, this rack fits seamlessly to EZRaider allows for additional hauling power (one Clevis mount).

Get the most out of your EZRaider and save space while being prepared on the trail.

- Fits the EZRaider LW
- Space for toolbox
- Made from Stainless Steel 304
- Mounts without modifying your EZRaider



HANDGUARD UPGRADE KIT

Keep those branches and thorns from hitting the backs of your fingers while you ride on trails and deep in the woods.

- Fits all EZRaider models
- 22 mm / 0.86" CNC machined 6061
- Billet Aluminum Bars
- Large area to accommodate hands, levers, and addons

ACCESSORIES

SKID PLATE UPGRADE

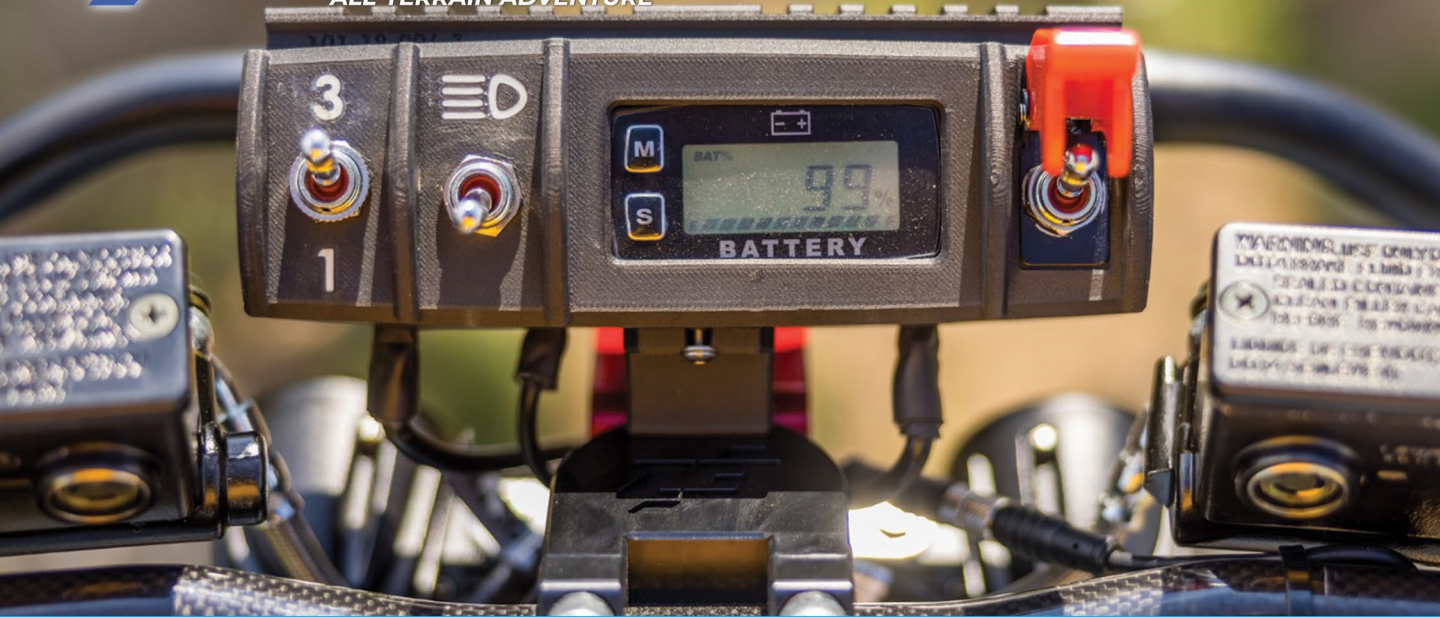
A high-grade aluminum skid plate protects the entire underside of the vehicle to give you the peace of mind to drive through bushes, glide over stones, and go through mud without worrying.

- Fits all EZRaider models
- CNC machined 6061 Billet Aluminum plate

SEAT UPGRADE-KIT

Stand up or Sit down, Your Choice. Designed to fit seamlessly on all EZRaider models, retaining both standing and sitting capabilities. The EZRaider classic seat delivers

- Sturdy and beautifully designed
- Superior comfort
- Easy to fit



TOGGLE IGNITION

The EZRaider Display Panel & Key Switch Ignition is IP67 and best suited for Utility Task Vehicles in challenging environments.

- IP67
- Picatinny-type rail mounting platform to attach accessories
- Driving mode selector (3 modes)
- Battery level display
- Light switch
- Backlight display
- Fits all models



DISPLAY & KEY SWITCH

The EZRaider Display Panel & Key Switch has a driving mode selector with three modes and a light switch. The display shows the total hours of use of the EZRaider as well as battery level in two ways.

- Picatinny-type rail mounting platform to attach accessories
- Driving mode selector (3 modes)
- Battery level display
- Light switch
- Backlight display
- Fits all models



ACCESSORIES



ALL-TERRAIN 20X6-10 FITS: LW,HD2,HD4

This All-Terrain tires specifically made for EZRaider are capable of getting through the roughest conditions and touts the ideal lug pattern for trails.

The wheel adds just the right amount of reliable strength at a lighter weight. Made from high durometer compound to withstand both high temperatures and abusive environments while delivering long tire life.

ALL-TERRAIN 22X7-10 FITS: LW,HD2,HD4

ALL-TERRAIN 120/90-10 FITS: HD4

- Genuine EZRaider parts
- Tires come premounted to the wheels
- For ultra-strong performance
- Matte black

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SEGMENTS

TOURISM

Urban & Off-Road Adventures

- Unique & Fun
- More Personal, Exciting and Experiential

Greater Accessibility

- A Vehicle for: Families, All Ages & People with Disabilities

Stable & Safe

- Intuitive & Stable Four Wheels Ride
- Highest Standards of Quality & Certifications

User & ECO Friendly

Low-Cost Maintenance



SEGMENTS

ARMY, HLS & POLICE

- Reliable, Simple & Intuitive to Operate
- Quick Response Time
- Fast & Easy Deployment of Forces with Heavy Equipment by Individual Forces
- Silent with Low Visibility Signature
- Get Quickly to Your Vantage Point & Seal an Area
- High Payload & Pulling Power
- Maneuvering in Dense Crowds



EZRAIDER

ALL-TERRAIN ADVENTURE

ARMY, HLS & POLICE

Among Our Clients:
Armies, Police Forces, Municipalities,
Rescue Forces, Airports Authorities &
many others.



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