

# Electric and Manual Off-Road Wheelchairs

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## Electric Off-Road Wheelchairs

### Offroad wheelchair kit

<http://www.rehabideas.com/app/>

- Not a wheelchair in itself, designed to be used in conjunction with a power chair
- Works with front wheel and rear wheel drive chairs, but not mid/center wheel
- Wheelchair drives onto platform, wheelchair wheels power larger off-road wheels
- No wheelchair modification required

### Permobil Trax/X850

<http://www.permobil.co.uk/templates/ProductPage.aspx?id=5388>

- Off-road wheelchair designed by Permobil
- High top speed of 9 mph
- Large articulating front casters
- Adjustable wheelbase

### Magic Mobility Frontier X4/X8

<http://www.mobility-usa.com/extreme.asp>

<http://www.magicmobility.com.au/extreme-x8>

- Four wheel drive
- Large ATV size tires
- Articulating frame
- Low pressure tires

### Magic Mobility Frontier/Frontier x5

<http://www.magicmobility.com.au/frontier-x5>

- Mid wheel drive
- Two large ATV size tires, four smaller sized castors
- Independent suspension for climbing obstacles
- Large ATV tires can be quickly swapped for smaller tires to allow for tighter maneuvering

### Tankchair

<http://www.tankchair.com/about.htm>

- Name explains it all, this chair is a tank
- Track drive system for outstanding off-road capabilities
- Suited for all types of terrain

### **Bounder Plus (Offroad Option)**

<http://www.wheelchairs.com/offroad.html>

- Rear wheel drive with large ATV size tires
- Multiple seating options available
- Belt driven motors

### **Wheelchair Recycler**

<http://wheelchairrecycler.org/>

- Takes old/unwanted power chairs and turns them into once again useable chairs with off-road capabilities

### **Kemcare 6x6 Explorer**

<http://www.kemcare.co.nz/>

- 6 wheel drive
- Turns in its own radius
- Heavy duty metal shroud design

### **Fieldmaster**

<http://www.fieldmaster224.co.uk/fieldmaster.html>

- Three types of models: 224, Junior, and Pure
- Four wheel drive and two wheel drive available
- Articulating front wheels

### **Cadweazle**

<http://www.cadkat.com/cadWeazle - self-propelling ballon wheelchair for beaches and offroad terrain.html>

- Four wheel drive
- Large ATV size tires
- Solar panel option for increased range

### **Radical mobility Predator 4x4**

<http://www.radicalmobility.com/Predator.html>

- Four wheel drive
- Large ATV size tires
- Narrow enough to fit through standard doors

### **Radical Mobility Dassie 200M (FWD or RWD available)**

<http://www.radicalmobility.com/Dassie.html>

- Rear wheel and front wheel drive available
- Large ATV size drive wheel, smaller but still rugged castors
- Excellent indoor and outdoor performance

### **Radical Mobility Gazelle 250 S**

<http://www.radicalmobility.com/Gazelle.html>

- Rear wheel drive
- Large ATV size drive wheel, smaller but still rugged castors
- Offers good off-road capabilities while still being stylish and affordable

### **Chasswheel Four X**

<http://www.chasswheel.com/?lang=en&s=home>

- Four styles: X, X DL, X DL SS, and City
- Four wheel drive with articulating chasis
- Depending on model, seating options and standing option available

### **Jason Marine Enterprises Seeker II**

<http://www.jmeseeker.com/seeker2.shtml>

- Rear wheelchair drive
- Large rear wheel resembling that of a manual chair
- Plastic design allows chair to be lightweight and foldable, while still retaining its ruggedness and off-road capabilities

### **Parabasetec Gmbh Paramobile**

<http://www.usatechguide.org/itemreview.php?itemid=1488>

- Front wheel drive, featuring one castor assembly in the rear(three wheeled chair)
- Designed for golfing enthusiasts
- Stylish and rugged with standing feature

### **Tracabout IRV 2000**

[http://www.tracabout.com/photo\\_album.htm](http://www.tracabout.com/photo_album.htm)

- Track drive system similar to that of a tank
- Low profile tracks allow for indoor usage

### **Teftec Omega Trac**

<http://www.planetmobility.com/store/wheelchairs/power/teftec/index.html>

- Extremely heavy duty front wheel drive chair
- Crash tested up to 18 G's

### **Otto Bock SuperFour**

[http://www.ottobock.com/cps/rde/xchg/ob\\_com\\_en/hs.xsl/1314.html](http://www.ottobock.com/cps/rde/xchg/ob_com_en/hs.xsl/1314.html)

- 4 wheel drive
- Large ATV size tires
- Range of up to 125 miles
- Hybrid drive
- Front shield gives this device an appearance of that of a car as opposed to a wheelchair
- Articulating seat keeps the user level at all times
- Not suited for indoor use, this is not your ordinary wheelchair, it's an ATV for the disabled

### **Otto Bock ParaGolfer**

<http://premiumproducts.ottobock.com/index.php?id=5&L=2>

- Similar to the "Parabasetec GmbH Paramobile" mentioned above

### **Otto Bock C2000**

<http://www.youtube.com/watch?v=rdNGS9zz8T8>

- Similar to the Permobil Trax/x850 mentioned above
- Front or Rear wheel drive available
- Independent power articulating castors

### **Tibbys Freedom**

<http://www.islandserve.com/~tonya/>

- Rear wheel drive with single large center castor(three wheeled)
- Not suited for indoor use, closer to a buggy than a wheelchair
- Can be used on any terrain imaginable

## **Manual Off-Road Wheelchairs**

### **Hand Master Bridge system**

[http://www.mycycle.si/My\\_html/Osnovne\\_strani/Galerija/Galerija\\_ang.html](http://www.mycycle.si/My_html/Osnovne_strani/Galerija/Galerija_ang.html)

There are several versions of this chair, designed to suit the needs of varying customers and environments. These off roading “systems” are designed to be used in tandem with the standard victory wheelchair.

### **Jason Marine Enterprises Seeker**

<http://www.jmeseeker.com/seeker1.shtml>

- Similar to that of the Seeker II, simply lacking electric drive capabilities
- Plastic design allows for a lightweight chair that is still rugged

### **Colours in Motion Tremor**

[http://www.colourswheelchair.com/products/prod\\_tremor.htm](http://www.colourswheelchair.com/products/prod_tremor.htm)

- Rear wheel propulsion
- Custom “Fatso” tires

### **Eagle Sportschairs The Buzzard**

<http://www.eaglesportschairs.com/Outdoor.html>

- Real wheel propulsion
- Extended frame for added stability
- Large knobby castors

### **Eagle Sportschairs The Eagle**

<http://www.eaglesportschairs.com/Outdoor.html>

- Modified version of the Buzzard to allow for use of the sand
- Three wheel design
- Large “oversized” balloon type tires

### **Lasher Sport Lic ATB Ultimate**

<http://www.lashersport.com/products-atb-ultimate.html>

- Rear wheel propulsion
- Extended front frame for added stability
- Large knobby castors

### **Lasher Sport Lic BT-ATB**

<http://www.lashersport.com/products-btatb.html>

- Similar to the ATB Ultimate, but with a shorted front end for tighter maneuvering

### **Motion Concepts Terratrek Outlook**

<http://www.motionconcepts.com/terratrek.html>

- Rear wheel propulsion
- 12.5" castors

### **Motion Concepts Terratrek Urban**

<http://www.motionconcepts.com/terratrek.html>

- Rear wheel propulsion
- 8" castors

### **Renegade All Terrain Wheelchairs**

<http://www.renegadewheelchairs.com/>

- Multi gear, push bar propulsion system, rear wheel drive
- Available with a hunting and winter package
- Several outdoor accessories available

### **Trekinetic K-2 ALL TERRAIN**

<http://www.trekinetic.com/>

- Front wheel propulsion
- Three wheel design with single castor in rear
- Modern look

### **Vipamat Hippocampe**

<http://www.vipamat.fr/usa/indexusa.htm>

- Rear wheel propulsion
- Three wheel design with large castor in front
- Extended base for stability
- Usable in the water

### **Natural Access all-terrain and beach wheelchairs**

<http://www.landeez.com/>

- Designed to not be propelled by the user, but pushed by an assistant
- Large soft pneumatic tires
- Disassembles for travel
- Usable in the water

### **Miscellaneous**

#### **Molten Rock Equipment Boma Off Road Wheelchair**

<http://www.moltenrock.co.uk/>

- Hybrid between a manual wheelchair and power wheelchair
- Rear wheel drive with large front articulating tires
- Designed for downhill use

## **Segway**

<http://www.youtube.com/watch?v=NsgGiH0Y8O4&feature=related>

- Segway can be adapted with a small seat and a shortened and retractable handle bar
- Has the ability to have large knobby tires added which makes for great off-road capabilities
- Extremely portable, lightweight, and modern