COLUMBIA
Special Application Vehicles

MVP®
**Up-Fit Possibilities**
- Lubrication Vehicle
- Lavaratory Vehicle
- Scissor Lift Unit
- Custom Deck Size
- Van Enclosures
- Maintenance Package
- Portable Welding Truck
- 12 Passenger Tram with 12 Passenger Trailer

**Specification Parameters**

**Power System:**
- 48 Volt ACEplus
- Nema class H temperature rated separately excited motors
- Programmable, solid state, 500 amp regenerative and accelerator pedal proportional motor braking control system with top speed limiting
- Reduced speed reverse
- Diagnostic LED and calibrator interface

**Maximum Speed:** Application dependent
- Typically from 6mph to 22mph

**Charger:**
- Built in micro-processor control
- Fully sealed, anti-drive away interlock
- 110-240 Vac, 50/60 Hz

**Drive System:**
- Single or dual direct drive
- Helical gears in oil bath
- 16.99:1 drive ratio

**Battery Pack:**
- Single or dual

**Load Capacity:**
- 2,500 / 3,500 / 4,500 / 5,500 Lbs.

**Brakes:**
- 2 / 4 / 6 Wheel hydraulic

**Load Deck Area:**
- 48” Wide x 72” or 96” long

**Operator Station:**
- Open / Enclosed

**Standard Accessories:**
- Dash mounted key switch
- Forward & reverse selector
- Battery discharge indicator
- Horn, reverse warning alarm
- Head, tail and brake lights
- Driver seat power interlock switch
- 2 Adjustable bucket seats
- High / Low speed switch
- 48V DC to 12V DC converter
- Single point battery watering system
- Controller status indicator light
- Integral hitch receiver
- Steel bulkhead behind operator area

**Multiple Vehicle Platform**

The MVP’s innovative design allows the drive axle(s) and battery pack(s) to be located in the optimal position for the ultimate balance in payload carrying capacity, maximum range, and top turning performance.

Utilize the MVP’s Speed Rail Attach System to securely up-fit a plethora of cargo modules or application specific equipment and you have a platform that can be deployed in hundreds of configurations.

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Call today for a free demonstration

1-800-222-4653

Or visit us on the web - www.parcar.com