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## MMP-40 Tracked Robot Platform



| I 1 | 27.5% 20% 7.25%   |
|---|---|
| Length x Width x Height   | 27.5" x 20" x 7.25"   |
| Weight  | 40 lb.  |
| Payload   | 2 Motor - 40 lb.  |
|   | 4 Motor - 50 lb.  |
| Speed   | 4.5 ft./sec   |
| -   | Other configurations available for more speed or torque                               |
| Body Style/Chassis  | Black, hard anodized aluminum   |
| Battery details   | 24 Volt Rechargeable 7.2Ah NiCad  |
| (included)  | Or 25.6 Volt Rechargeable 6.4Ah LiFePO4   |
|   | (Additional batteries available)  |
|   |   |
|   | External charge jack for easy access  |
|   |   |
| Run Time  | Approximately 2 hours of continuous operation; 8 position LED Fuel Gage indicator to  |
|   | show real-time battery level  |
| Charger Included  | NiCad or Li-Fe smart charger included   |
| Motor Details   | 2-Motor or 4 Motor, 100W each   |
| Motor Details   | 24V Gearhead motors, all metal gears with custom, secondary heavy duty gearboxes      |
|   | and axles. Steel gears with full ball bearings.                                       |
|   | and axies. Seed gears with run ban bearings.  |
|   | Available with 500 CPR, 2-channel with Index, quadrature optical encoder.             |
| Track Details   | Custom manufactured light weight and flexible rubber tracks with 2-ply reinforcement. |
|   | Optional black mini chevron or heavy duty large chevron pattern.                      |
| Control   | High Current 30 Amp continuous Motor drivers with thermal and over current protection |
|   | as well as quadrature encoder feedback capabilities.                                  |
|   |   |
|   | Motor drivers can be controlled with a standard Hobby-type PWM signal, TTL Level RS-  |
|   | 232 serial, Packet Serial Commands, Analog 0-5V, or USB.                              |
|   |   |
|   | Electronics are housed in a custom, rugged, Polycarbonate box with quick disconnects  |
|   | for all connections leading in and out of the box.                                    |
|   | Electronics box includes 5V and 12V accessory voltage taps with a 3 amp max           |
|   | continuous current draw.  |
| Duising   |   |
| Pricing   | \$3,995.00 for standard configuration (\$4,295 with encoders)                         |