

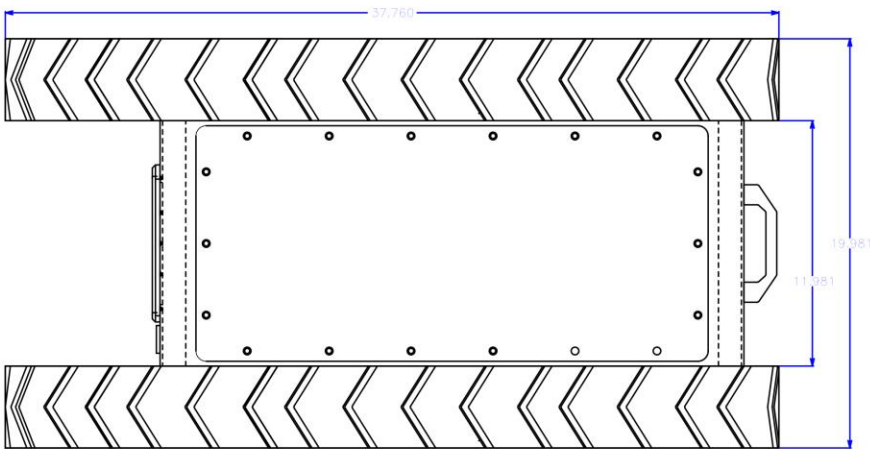
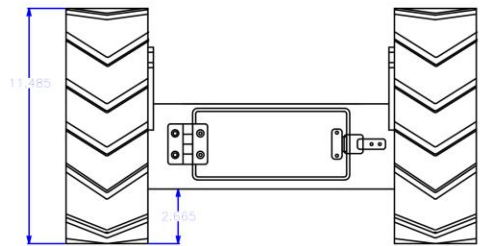
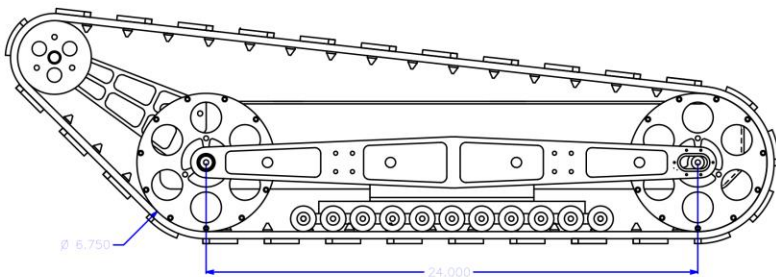


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MMP-40X Tracked Robot Platform

Length x Width x Height	38" x 17" x 13"
Weight	46 lb.
Payload	2 Motor-50 lb. 4 Motor- 60 lb.
Speed	4.5 ft/sec Other configurations available for more speed or torque
Body Style/Chassis	Black, hard anodized aluminum
Battery details	25.6 V Li-FePO4 Rechargeable, 12.8 Ah, removable
Run Time	Approximately 4 hours of continuous operation; 8 position LED Fuel Gage indicator to show real-time battery level
Chargers Included	25.6 V Smart Charger for Robot
Motor Details	2-Motor or 4 Motor, 100W each 24V Gearhead motors, all metal gears with custom, secondary heavy duty gearboxes and axles. Steel gears with full ball bearings. Available with 500 CPR, 2-channel with index, quadrature encoders
Track Details	Custom manufactured light weight and flexible rubber tracks with 2-ply reinforcement, climbs most common stairways. Enhanced track geometry for easier climbing. Roller skids for smoother driving and better traction on stairs.
Control	High Current 30 Amp continuous Motor drivers with thermal and over current protection. 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.



MMP-40X Mobile Robot Platform

6-15-16

Included 25.6V, Li-Fe
Battery Pack, 12.8 Ah

Black Anodized
Aluminum Chassis

Dimensions in inches