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# MTP-15

## Mini Track Pod

<b>Length x Width x Height</b>	15.125" x 2.50" x 3.75"
<b>Weight</b>	4.5 lb. (each), 9 lb. (pair)
<b>Payload</b>	7.5 lb. (each), 15 lb. (pair)
<b>Speed</b>	3.2 ft/sec
<b>Construction</b>	Anodized CNC Machined Billet Aluminum
<b>Power Requirements</b>	24VDC Input Required (Battery Not Included)
<b>Run Time</b>	Approximately 1.5 hours of continuous operation on 24V 3.2Ah Battery
<b>Motor Details</b>	24VDC coreless brushed planetary gear motor, 10 in-lb continuous, 65 in-lb stall, 1.5 amp continuous, 15 amp stall (each)
<b>Track/Sprocket</b>	Custom Molded Track and Sprockets
<b>Control</b>	<p>Custom high current, high frequency 7 amp continuous motor driver. Motor drivers can be controlled using a standard hobby-type PWM signal.</p> <p>Motor controller also has an on-board 5V, 1 amp regulator that will power an R/C radio receiver or a microcontroller such as an Arduino.</p> <p>Comes with 18" long heavy duty, molded multi-pin connector and cable for power and control input.</p>
<b>Features</b>	<p>Easily accessible track tensioners.</p> <p>Complete modular design allows you to connect 2 or more pods together simply using 1" diameter tubes or rods with included mounting clamps.</p> <p>Comes in Red, Black or Gray anodized finish.</p>
<b>Coming Soon</b>	<p>Optical encoders on drive motors with feedback capable motor control board.</p> <p>12V motor version</p> <p>Complete mobile platform kit. Please inquire for custom platform fabrication made to order.</p>

