



The Machine Lab Inc.
 info@themachinelab.com
 (970) 568-9812
www.themachinelab.com



MTP-15

Mini Track Pod

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

