

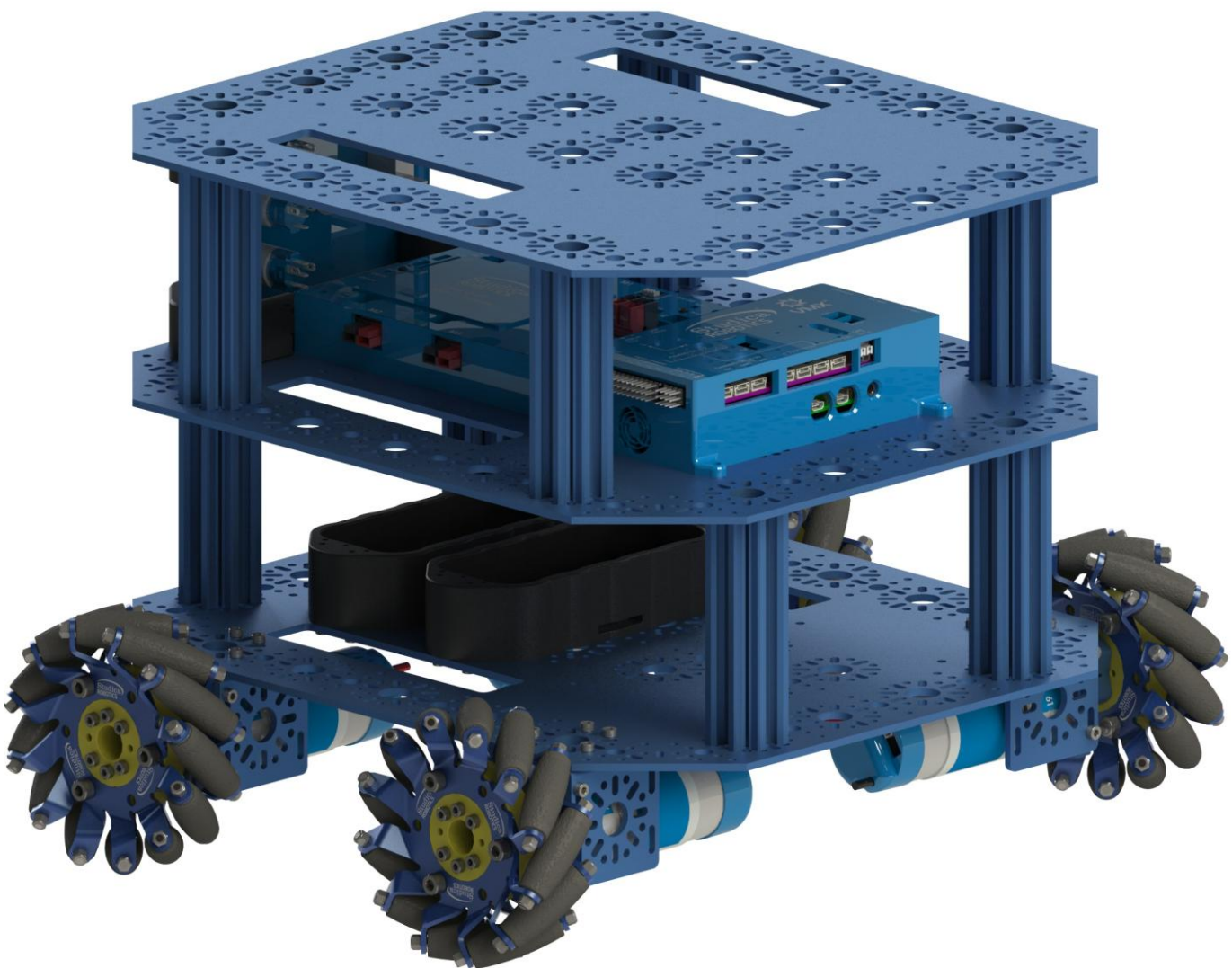


The Mecanum Stack

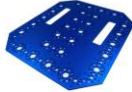
Robot Basic – 70225B

Autonomous Mobile Robotics Trainer

- Please ensure you are familiar with the contents of the product.
- Visit our resources site where you will find links for software, training videos, and all the 3D CAD files for the items listed below. <https://www.studica.co/resources-4>



The Stack Robot 70225M - Parts List

Description	Part #	Image	Pack Cont's	In Kit
12V 3,000 mAh NiMH Battery Pack, PP45	70018		1	2
NiMH Battery Pack Charger, PP45	70019		1	1
2.5mm Hex Ball End Screwdriver	70142		1	1
Hex Key Metric 7 Piece Set (1.5, 2, 2.5, 3, 4, 5, 6)	70144		1	1
Combination Wrench, 5.5mm	70145		1	1
Titan Quad Motor Controller	70152		1	1
Power Control Panel	70170		1	1
VMX Robotics Controller	70176		1	1
Power Switch added to Control Panel	70181		1	1
M5 Screw and Nut Set for Camera Mount	71044S		1	2
Base Plate (288mm x 336mm x 3mm)	74001		1	3
Maverick 12V DC Gear Motor w/Encoder	75001		1	4
48mm U-Channel (2 pack)	76018-2		2	4
96mm T-Slot Extrusion	76127		1	8
Motor Mount Plate	76140		1	4
M3 x 8mm Socket Head Cap Screw (pack of 100)	76200-100		100	1

M3 x 10mm Socket Head Cap Screw (pack of 100)	76201-100		100	1
M3 x 12mm Socket Head Cap Screw (pack of 100)	76202-100		200	2
M3 Nyloc Nut (pack of 100)	76205-100		100	1
M3 x 25mm Socket Head Cap Screw (50 pack)	76214-50		50	1
M3 x 30mm Socket Head Cap Screw (50 pack)	76206-50		50	1
100mm Slim Mecanum Wheel Set (2 left, 2 right)	76246		4	1
Clamping Shaft Hub - V2	76280		1	4
Stack 3D Print Parts	70225PP		1	7
Stack Wire Pack	70225WP		1	17