

Title: 3-axis Cartesian Manipulator

Date: 16.06.2025

S/N	Part Name Qty	Material	Description	Supplier	Cost /1 (PL	Price (qty)	Link
1	NEMA 17 Ste	3 Steel	X/Y/Z-axis l	Mouser (Pl	255,03	765,09	https://www.mouser.pl/ProductDetail/Applied-Motion/HT17-221?qs=X
2	GT2 Timing	2 Aluminium	Timing pulle	Botland.pl	8,9	26,7	https://botland.com.pl/kola-zebate/12520-kolo-zebate-20t-gt2-8mm-r
3	8mm_Bar (l	2 Steel	Linear guid	Botland.pl	26,9	53,8	https://botland.com.pl/elementy-do-budowy-drukarek-3d/18919-wale
4	Lead Screw	2 Steel	Linear actu	Botland.pl	29,9	59,8	https://botland.com.pl/elementy-do-budowy-drukarek-3d/18923-srub
5	688 Bearing	4 Steel	Support for	Allegro.pl	2,73	10,92	https://allegro.pl/oferta/688-2rs-lozysko-wysokoobrotowe-8x16x5-618
6	STM32 Micro	1 Silicon	Robot motio	TME.eu	123,15	123,15	https://www.tme.eu/pl/details/nucleo-f767zi/zestawy-do-ukladow-str
7	PLC (interfa	1 Plastic	Supervisory	Kamami.pl	51,18	51,18	https://kamami.pl/stm32-nucleo/560180-x-nucleo-plc01a1-plytka-plc
8	Low Profile	2 Steel	Structure f	TME.eu	0,7	1,4	https://www.tme.eu/pl/details/b5x25_bn612/sruby/bossard/1234056/
9	Nylon Inser	4 Steel	Self-locking	TME.eu	0,8	1,6	https://www.tme.eu/pl/details/m5_d985-a2/nakretki/kraftberg/?brutto
10	GT2 Timing	2 Aluminium	Belt routing	Botland.pl	5,9	11,8	https://botland.com.pl/kola-zebate/12579-kolo-zebate-20t-gt2-5mm-f
11	GT2 Belt 93	1 Rubber	Timing belt	Botland.pl	23,9	23,9	https://botland.com.pl/akcesoria-do-profilu/17336-pasek-gt2-1-metr-5
12	Double Tee	2 Steel	Mounting o	Botland.pl	3,9	7,8	https://botland.com.pl/akcesoria-do-profilu/19876-nakretka-mloteczka
TOTAL =					532,99	1 137,14	

-8-2rs-14727711083?context=aee52e1fb1289f5daa367d7d457f3b961a433cf10c8a6662bc5125b570f78c6680b7a7207cc3e234b14ab8f6d5ad8c3606ca71f977304

[=1¤cy=PLN&utm_source=google&utm_medium=cpc&utm_campaign=Mechaniczne%20PL%20%5BPLA%5D%20CSS&gad_source=1&gad_campaignid=111973904422341244.html?cd=21802601646&ad=&kd=&gad_source=1&gad_campaignid=21812974459&gbraid=0AAAAADDatXgZZyC4xDttiwZG0EepIW9Pg&gclid=CjwKC904422327286.html?cd=21802601646&ad=&kd=&gad_source=1&gad_campaignid=21812974459&gbraid=0AAAAADDatXgZZyC4xDttiwZG0EepIW9Pg&gclid=CjwKCjwa-t-nut-m5-podwojna-lacznik-do-profilu-v-slot-5904422352561.html?cd=21802601646&ad=&kd=&gad_source=1&gad_campaignid=21812974459&gbraid=0AAAA](#)

[.abf6ca832ec61dd9aa930d3902af5272de1375d420ed11834ca29cd5b376e028a793d9926ac79e48f9c00fd44da8c4875a91fa4b718b3bfc9ff10eca6a0396356aebb](#)

['053309&gbraid=0AAAAADyylhKPbH7F33mMHtsDhaBdPYFfi&gclid=CjwKCAjwgb_CBhBMEiwA0p3oOGa05KrFURzbJjqRE5QFUFk0QRjtzzFANhontVWz62vyaogq6Rv7w](#)

[ADDatXgZZyC4xDttiwZG0EepIW9Pg&gclid=CjwKCAjwgb_CBhBMEiwA0p3oOBwQFd1s2URU3iw4eQsTCe2l6-t2zWRsFrJRaPySGgynKddbmRmcvRoCViEQAvD_BwE](#)

[ce1d1e593687022496eee93afe135850351713cb9b03a1&sellerHasChanged=false&fromVariant=6754477969](#)