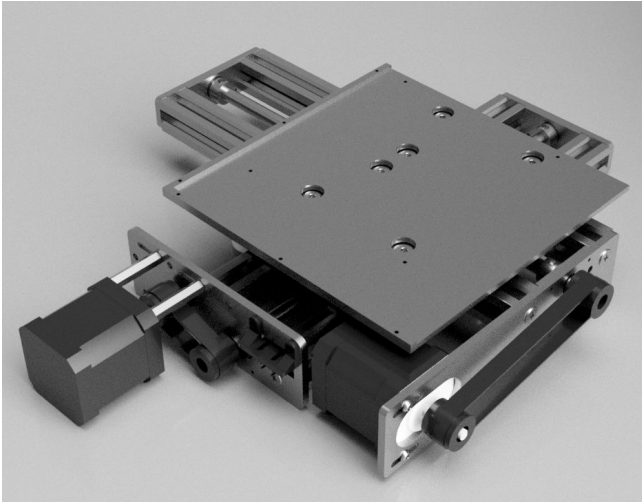


LASER4DIY Low Profile XY Table



- Table Size: 165mm x 165mm
- Overall Size: 278mm x 333mm x 56mm
- Based on 2 [OpenBuilds NEMA17 V-Slot Actuators with Lead Screw](#)

This is work in progress!

Parts List

Off-the-shelf parts

Qty	Part Name	Part Link	Comments
8	Low Profile Screws M5 - 40mm	http://openbuildspartstore.com/low-profile-screws-m5/	SKU 135
20	Low Profile Screws M5 - 15mm	http://openbuildspartstore.com/low-profile-screws-m5/	SKU 922
4	Eccentric Spacer - 6mm	http://openbuildspartstore.com/eccentric-spacer/	SKU 226
8	Xtreme Solid V Wheel™ Kit	http://openbuildspartstore.com/xtreme-solid-v-wheel-kit/	SKU 465
8	Self Tapping Screw	http://openbuildspartstore.com/self-tapping-screw/	SKU 720
6	M3 Cap Head Screws - 45mm	http://openbuildspartstore.com/m3-cap-head-screws/	SKU 105
4	Ball Bearing 688Z 8x16x5	http://openbuildspartstore.com/ball-bearing-688z-8x16x5/	SKU 780
4	8mm Shim (12x8x1mm)	http://openbuildspartstore.com/8mm-shim/	SKU 835
4	Lock Collar - 8mm	http://openbuildspartstore.com/lock-collar/	SKU 840
2	Anti-Backlash Nut Block for 8mm Metric Acme Lead S	http://openbuildspartstore.com/anti-backlash-nut-block-fo...	SKU 1055
2	8mm Metric Acme Lead Screw 250mm	http://openbuildspartstore.com/8mm-metric-acme-lead-screw/	
2	NEMA 17 Stepper Motor	https://openbuildspartstore.com/nema-17-stepper-motor/	Use pancake motor to save space
6	Aluminum Spacers - 1-1/2"	http://openbuildspartstore.com/aluminum-spacers/	SKU 80
6	Aluminum Spacers - 3mm	https://openbuildspartstore.com/aluminum-spacers-10-pack/	SKU 175
4	Aluminum Spacers - 6mm	http://openbuildspartstore.com/aluminum-spacers/	SKU 90
4	V-Slot 20x20mm 250mm	https://makersupplies.dk/linear-rail/13-linear-rail-20x20-v-slot.html	
2	GT2 pulley 20 5mm bore	https://makersupplies.dk/belts-and-pulleys/479-belts-and-pulleys-mellow-gt2-pulley-20.html	
2	GT2 pulley 20 8mm bore	https://makersupplies.dk/belts-and-pulleys/479-belts-and-pulleys-mellow-gt2-pulley-20.html	
1	GT2 timing belt 6 mm closed loop 128 mm	https://gtech-shop.de/GT2-Zahnriemen-6-mm-128-mm-64-Zaehne	

1	GT2 timing belt 6 mm closed loop 250 mm	https://gtech-shop.de/GT2-Zahnriemen-6-mm-250-mm-125-Zaehne	
8	M5 nut low profile	https://www.ebay.de/itm/174104663058	

Custom parts

Qty	Part Name		
1	Bed Plate		
2	End Plate 1		
1	End Plate 2		
1	End Plate 3		
2	Sled Spacer		
2	XY Plate		