**tGIP**

**XY Plotter Drawing Robot**

* STAP 1: bronnen

Youtube = <https://www.youtube.com/watch?v=T0jwdrgVBBc>

Site = <https://makeduino.org/arduino-xy-plotter>

* STAP 1: wat hebben we nodig?

|  |  |
| --- | --- |
| **product** | **prijs** |
| * [Arduino Uno R3](https://www.banggood.com/Wholesale-Arduino-Compatible-R3-UNO-ATmega16U2-AVR-USB-Board-p-68537.html?utm_campaign=7858775_68537&utm_content=1087&p=CS120478587752016125) | 8,94 |
| * [L293D Motor Shield](https://www.banggood.com/Motor-Drive-Shield-L293D-for-Arduino-Duemilanove-Mega-UNO-p-72855.html?utm_campaign=7858775_72855&utm_content=1087&p=CS120478587752016125) | 4,25 |
| * [L293D Motor Driver IC](https://www.banggood.com/5pcs-L293D-L293-L293B-DIP-SOP-Push-Pull-Four-Channel-Motor-Driver-IC-p-944989.html?utm_campaign=7858775_944989&utm_content=1087&p=CS120478587752016125)  x2 | 5.52 |
| * [Nema17 Stepper Motor](https://www.banggood.com/3D-Printer-High-Torque-17-Stepper-Motor-300mN-1_5A-2-phase-4-wire-p-1064247.html?utm_campaign=7858775_1064247&utm_content=1087&p=CS120478587752016125)  x2 | 18.24 |
| * [SG90 Mini Servo Motor](https://www.banggood.com/TowerPro-SG90-Mini-Gear-Micro-Servo-9g-For-RC-Airplane-Helicopter-p-1009914.html?utm_campaign=7858775_1009914&utm_content=1087&p=CS120478587752016125) | 2.07 |
| * [16 Teeth GT2 Pulley](https://www.banggood.com/GT2-Pulley-16-Teeth-5mm-Bore-2M-Belt-For-3D-Printer-Parts-RepRap-Prusa-p-1070245.html?utm_campaign=7858775_1070245&utm_content=1087&p=CS120478587752016125)  x2 | 6.56 |
| * [GT2 Rubber Belt](https://www.banggood.com/5M-2GT-6mm-Rubber-Opening-Belt-S2M-GT2-Belt-For-3D-Printer-p-959254.html?utm_campaign=7858775_959254&utm_content=1087&p=CS120478587752016125) 5M | 4,26 |
| * [Adjustable DC Power Supply](https://www.banggood.com/110V220V-0-30V-0-10A-Adjustable-Digital-DC-Power-Supply-Switching-Power-Supply-p-1121229.html?utm_campaign=7858775_1121229&utm_content=1087&p=CS120478587752016125) (Optional) | 61,57 |
| * [Board Marker Pen](https://www.banggood.com/Genvana-1_5mm-8-Colors-Children-Erasable-Colorful-Whiteboard-Marker-Pen-p-1012835.html?utm_campaign=7858775_1012835&utm_content=1087&p=CS120478587752016125) | 5.14 |
| * [3 in 1 Jumper Wires](https://www.banggood.com/3-IN-1-120pcs-10cm-Male-To-Female-Female-To-Female-Male-To-Male-Jumper-Cable-Dupont-Wire-For-Arduino-p-1054670.html?utm_campaign=7858775_1054670&utm_content=1087&p=CS120478587752016125) | 2.95 |
| * [Fishing Lead Weight](https://www.banggood.com/ZANLURE-5Pcs-9g-50g-Water-Drop-Shape-Fishing-Lead-Weight-Sinkers-Tackle-Accessory-p-1188894.html?utm_campaign=7858775_1188894&utm_content=1087&p=CS120478587752016125) | 7.07 |
|  | Totaal = 126,57 euro |