

BOM Bill of Materials / Stückliste

| POS-NR. | BENENNUNG | BESCHREIBUNG | MENGE | TYPE |
|---------|-------------------------|-----------------------------------|-------|----------|
| 1 | Führung | | 3 | |
| | Welle | d12 600mm Silberstahl poliert H9 | 2 | Buy |
| | SCS12UU | Linearlager d12 | 4 | Buy |
| | PlatteOben | | 1 | Print |
| 2 | Gestell | | 1 | |
| | Alu Profil 90x45 Nut 10 | Profil 90mm x 45mm 1000mm | 2 | Buy |
| | BodenPlatte | Holz oder Kunststoff 12mm | 1 | Buy |
| | Grundplatte | Holz oder Kunststoff 12mm | 1 | Buy |
| 3 | WellenLager | | 1 | |
| | WellenBock | | 4 | Print |
| | WellenBockUnten | | 4 | Print |
| | RiemenKlemmeUnten | | 2 | Print |
| | RiemenKlemmBügel | | 4 | Print |
| | RiemenKlemmeUntenL | | 2 | Print |
| | RiemenklemmerY | | 4 | Print |
| | RiemenklemmerDeckelY | | 4 | Print |
| 4 | AntriebY | Antrieb für die Y Achse (2 Stk) | 2 | |
| | WellenBockOben | | 1 | Print |
| | MotorHolder | | 1 | Print |
| | T510z10 | Riemenrad T5 Breite 10 10 Zähne | 4 | Buy |
| | Nema17x1Welle | Stepper Motor Nema 17 42BYGHW 609 | 1 | Buy |
| | T548z10 | Riemenrad T5 Breite 10 48 Zähne | 1 | Buy |
| | WellePullyOben | Stahl d8mm 72mm | 1 | Finished |
| | WellePulleyUnten | Stahl d10mm 72mm | 2 | Finished |
| | TrägerOben | | 2 | Print |

| | | | | |
|---|--------------------------|---|---|----------|
| | RadialLager10x5x4 | | 6 | Buy |
| | Fuss | | 1 | Print |
| | SpannerX | | 1 | Print |
| | PlatteX | | 1 | Print |
| 5 | Zahnriemen | | 1 | |
| | ZahnriemenT5 b10mm 3x1m | Zahnriemen T5 Breite 10mm 1000mm | 3 | Buy |
| | ZahnriemenT5 b10mm 3x56z | Zahnriemen T5 Breite 10mm 56Zähne 280mm | 4 | Buy |
| 6 | AntriebXZ | Antrieb für die X und Z Achse | 1 | |
| | WellenBockObenXZ | | 1 | Print |
| | WellenLagerZ | | 1 | Print |
| | SCS12UU | Linearlager d12 | 4 | Buy |
| | Welle12Z | d12 200mm Silberstahl poliert H9 | 2 | Finished |
| | TrapezSpindel10x3 | | 1 | Buy |
| | RadialLager10x5x4 | | 6 | Buy |
| | WellePullyOben | Stahl d8mm 72mm | 1 | Finished |
| | T510z10 | Riemenrad T5 Breite 10 10 Zähne | 6 | Buy |
| | T548z10 | Riemenrad T5 Breite 10 48 Zähne | 1 | Buy |
| | RadialLager13x6x5 | | 2 | Buy |
| | AxialLager13x6x5 | | 2 | Buy |
| | WerkzeugEndPlatteZUnten | | 1 | Print |
| | TrapezGewindeMutter10x3 | | 1 | Buy |
| | WerkzeugEndPlatteZOber | | 1 | Print |
| | MotorHolderZ | | 1 | Print |
| | Nema17x1Welle | Stepper Motor Nema 17 42BYGHW 609 | 2 | Buy |
| | MotorLinkZ | | 1 | Print |
| | MotorHolder | | 1 | Print |
| | WellePulleyUnten | Stahl d10mm 72mm | 2 | Finished |
| | Fuss | | 1 | Print |

WerkzeughalterPlatte

1 Print

7

Elektronik

1

EndSchalter

Hard Limiter Switches

3

Buy

Power supply

Old PC Power Supply 12V, 5V

1

Buy

Raspberry PI 2 Model B (1GB)

Raspberry Computer

1

Buy

Raspberry PI CNC Hat

http://wiki.protoneer.co.nz/Raspberry_Pi_CNC

1

Buy

Servo Driver

Servo Driver A4988

4

Buy

8

Spindle Motor

400W Brushless Spindle Motor, 12000 rpm

1

Buy