Cosi Measure

**Mechanical Subsystem**
- **Base Frame**
  - Aluminum profile (40x80x800)
  - Slot nut N8/M8
  - Screw M8x18, countersunk
- **3-Axis Movement System**
  - **X Movement**
    - Linear axis (powertrain)
      - Ball screw & spindle nut block
      - Fixed bearing & motor holder
        - Floating bearing
        - Motor coupler
      - Linear rail (X-direction)
        - Slot nuts M5
      - Linear bearing, TBR20UU
      - Limit switch holder
  - **Y Movement**
    - Linear axis (powertrain)
      - Ball screw & spindle nut block
      - Fixed bearing & motor holder
        - Floating bearing
        - Motor coupler
      - Linear rail (Y-direction)
        - Screws M5x30
        - Hexagon nut, M5
      - Linear bearing
      - Limit switch holder
  - **Z Movement**
    - Linear axis
      - Ball screw & spindle nut block
      - Fixed bearing and motor holder
    - Linear rail (Z-direction)
    - Linear bearing, TBR20UU
    - Limit switch holder

**Electrical Subsystem**
- **Casing**
- **Electronics**
- **Software**