



# ***6-AXIS ROBOTIC ARM***

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## ***DEV-LOG\_1:***

- Concept Design Created
  - 6-Axis
  - NEMA Steppers Included
  - Actuator Design Included
  - Aesthetics "finalized"
- Work to be done
  - Adjust proportions
  - Any alterations to stepper sizes
  - Create motor mount options
  - Base needs heavy revision

## ***DEV-LOG\_2:***

- Material Choice
  - PETG for body
  - Nylon for gears/motor mounts
    - Nylon has HDT of 140°C
- Elongated Upper Arm for better ratio of upper arm to forearm
- Elongated Elbow to house full size NEMA 17 instead of low-profile motor
- Printed Elbow and Forearm for fitment and motion test

