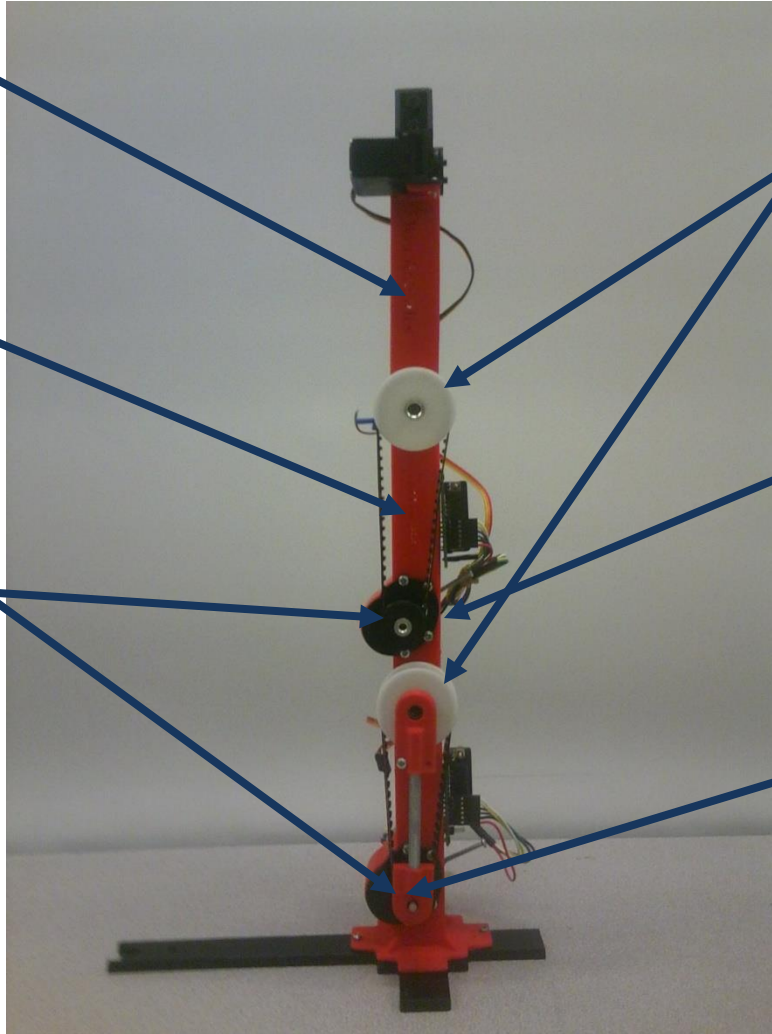


# EDU Arm Specs



**End link length = 6 Inches**

**Measured from axle to center of gripper**

**Center link length = 6 inches**

**Measured from axle to axle**

**12 tooth Plastic timing pulley with aluminum fairloc hub**

**22 tooth plastic timing pulley with aluminum hub and set screw**

**Pololu Gear motor with 75:1 ratio. The encoder has 48 "ticks" before the gear box. The Stall torque is 85 oz-in @ 2.2 Amps (6V)**

**Pololu Gear motor with 172:1 ratio. The encoder has 48 "ticks" before the gear box. The Stall torque is 170 oz-in @ 2.2 Amps (6V)**

**Completed arm weight is 695 grams.**

**The movable links have a weight of 385 grams. Center + End**

**The End link has a weight of 130 grams.**

**The 3D printed plastic only weighs 103 grams.**