Treq = mgrsine; max occu

Trag = mgr

Note: largest dino = 0.7kg, r = 20cm

Yreq = 0.7 (9.8)(0.2) = 1.372 Nm

Note: each servo has 0.46 N·m torque

-2 servos will be used at base so, 0.680 N·m / servo B

- melement a gear ratio we know

Youtput = GT≥ mgr

G(0.686) = 1.372

: each motor vequin a which can be accompaished with

a 10 and 20 tooth gearbox.