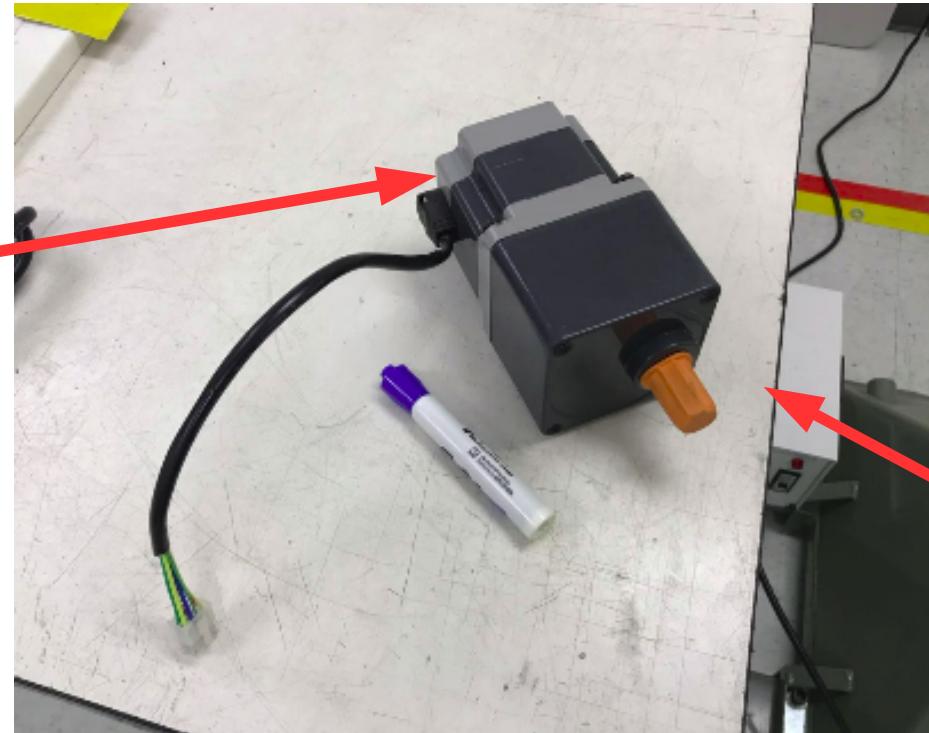


# Sample Motors (1)

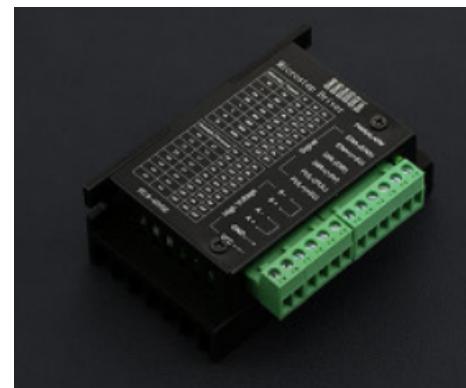
Driving method: MCU  
PWM duty cycle

450W Stepper Motor  
employed 2 for my  
robot design (2 motors  
for up to 800-1000 lbs  
load)

Motor driver box

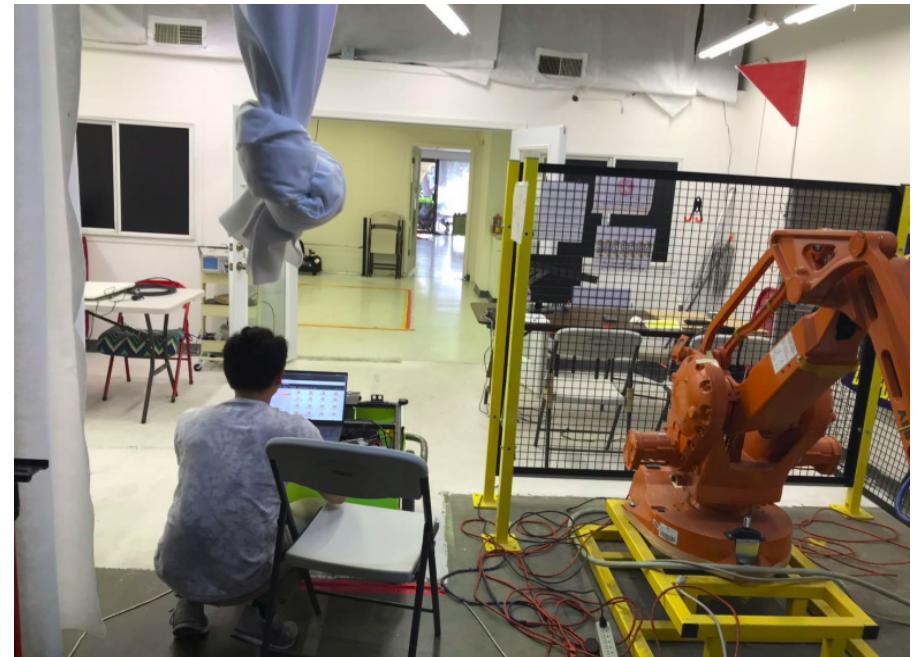


Motor gear box



$f_{pwm} = 2000$  Hz  
Duty: 0% (5%) - 40% for speed

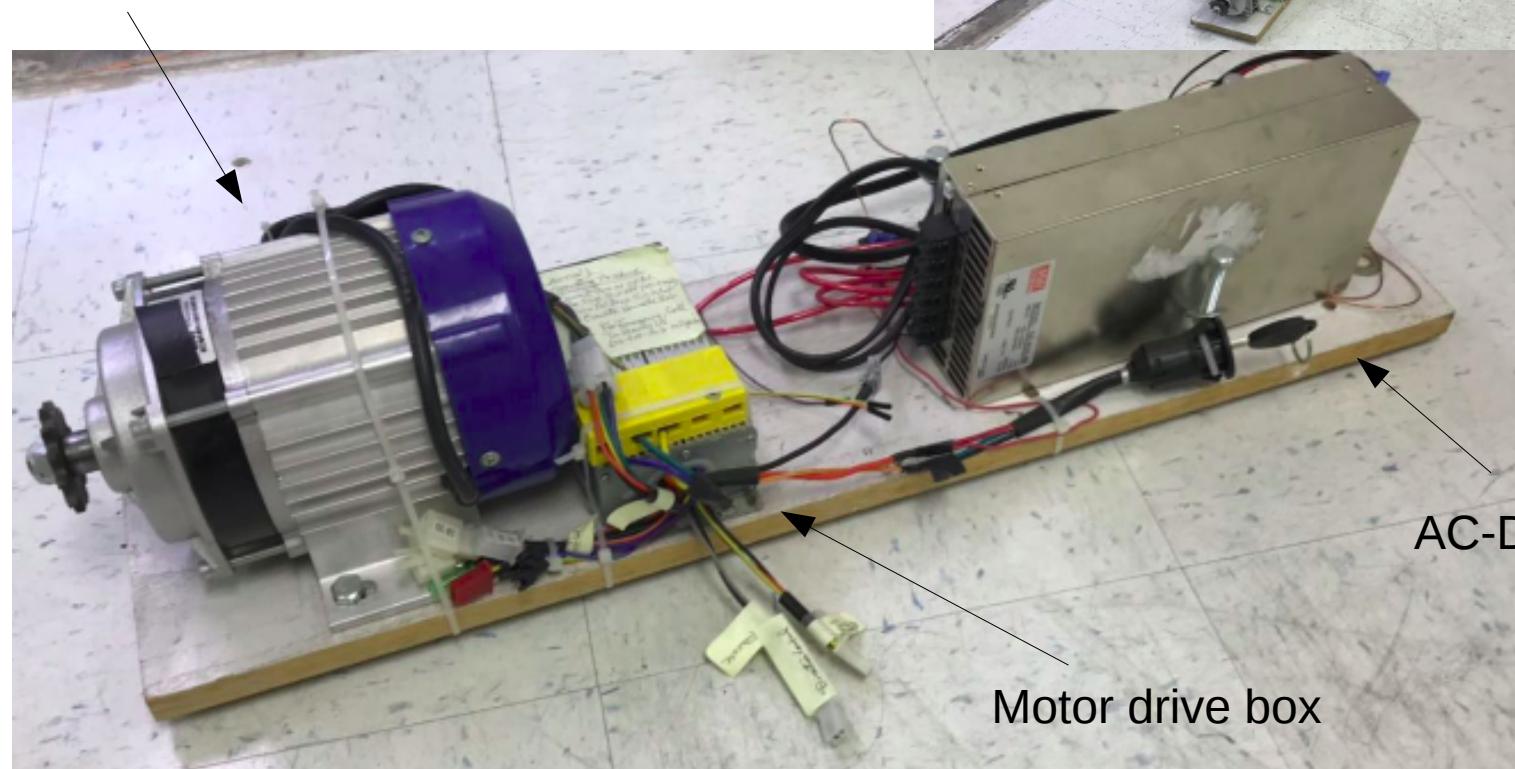
# Sample Motors (1) Applications



# Sample Motors (2)

Driving method: MCU  
PWM duty cycle

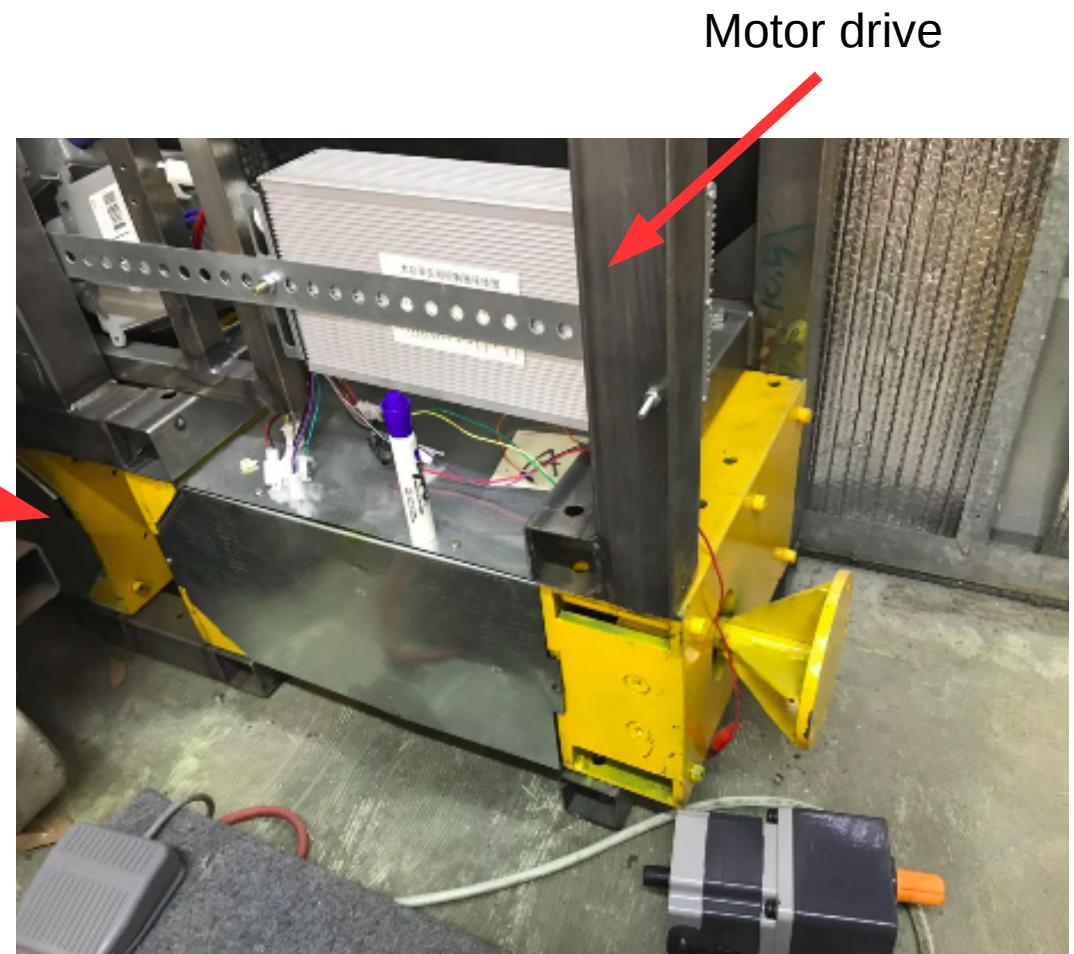
800W Brush less  
DC Motor up to  
500 lbs



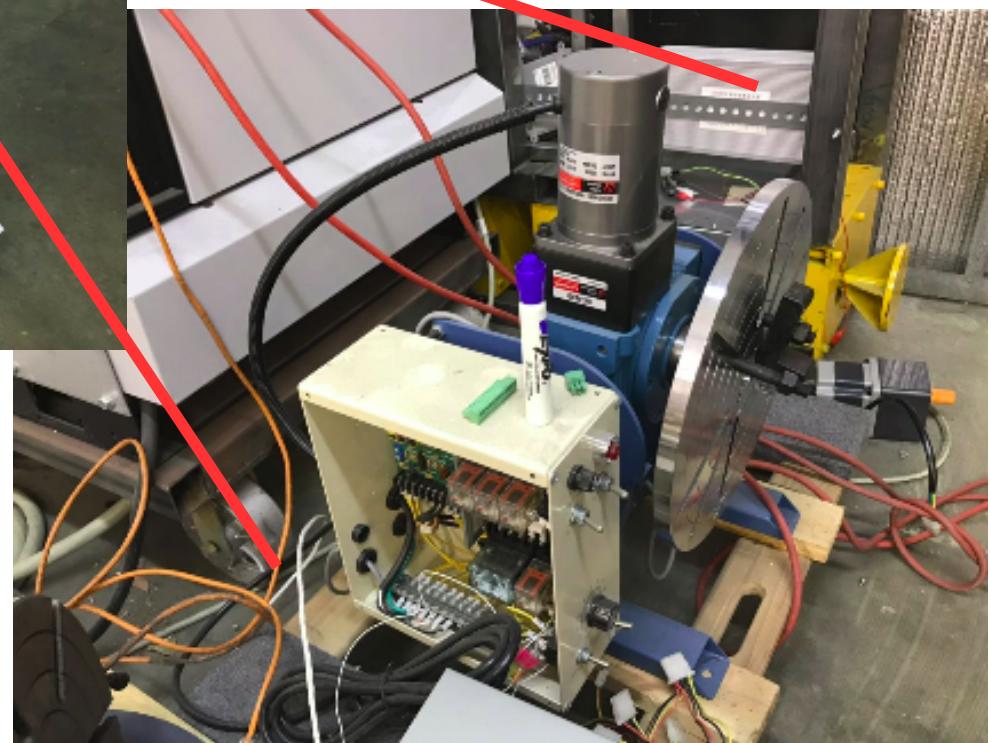
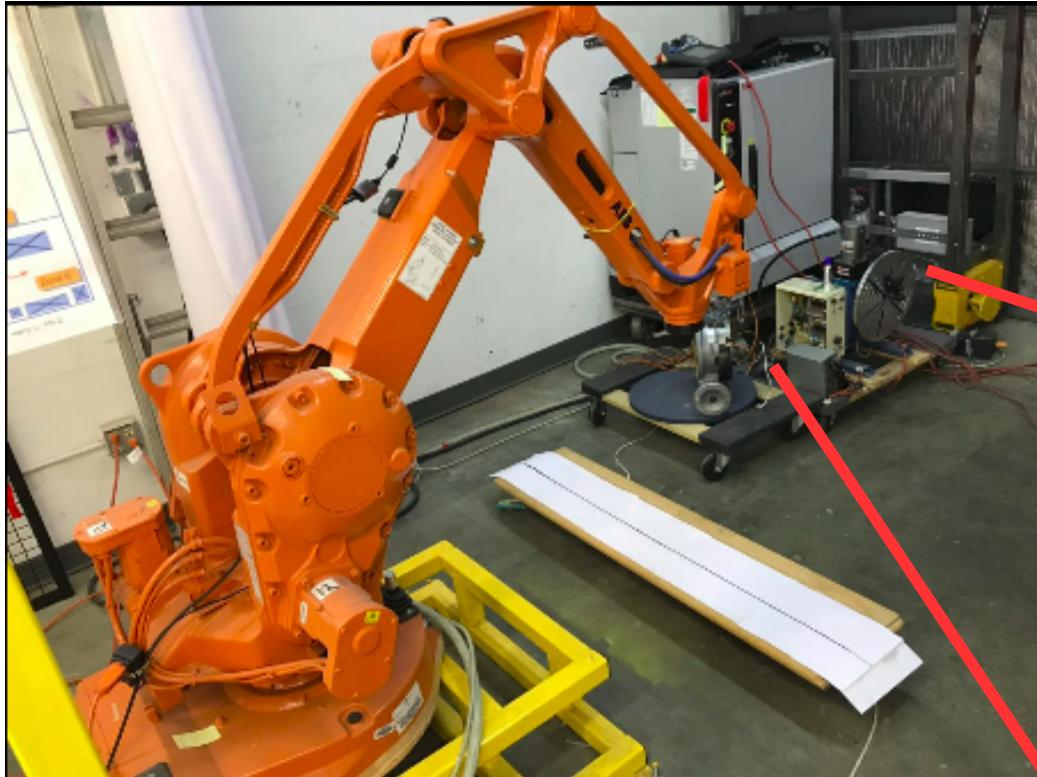
# Sample Motors (3)

Driving method: MCU  
PWM duty cycle

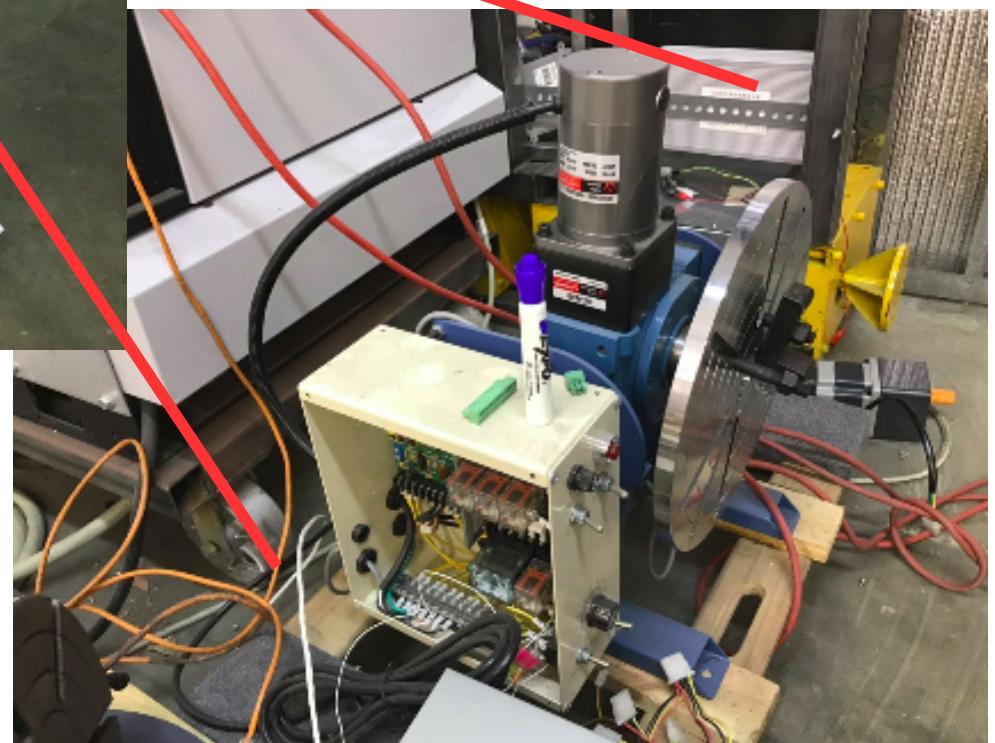
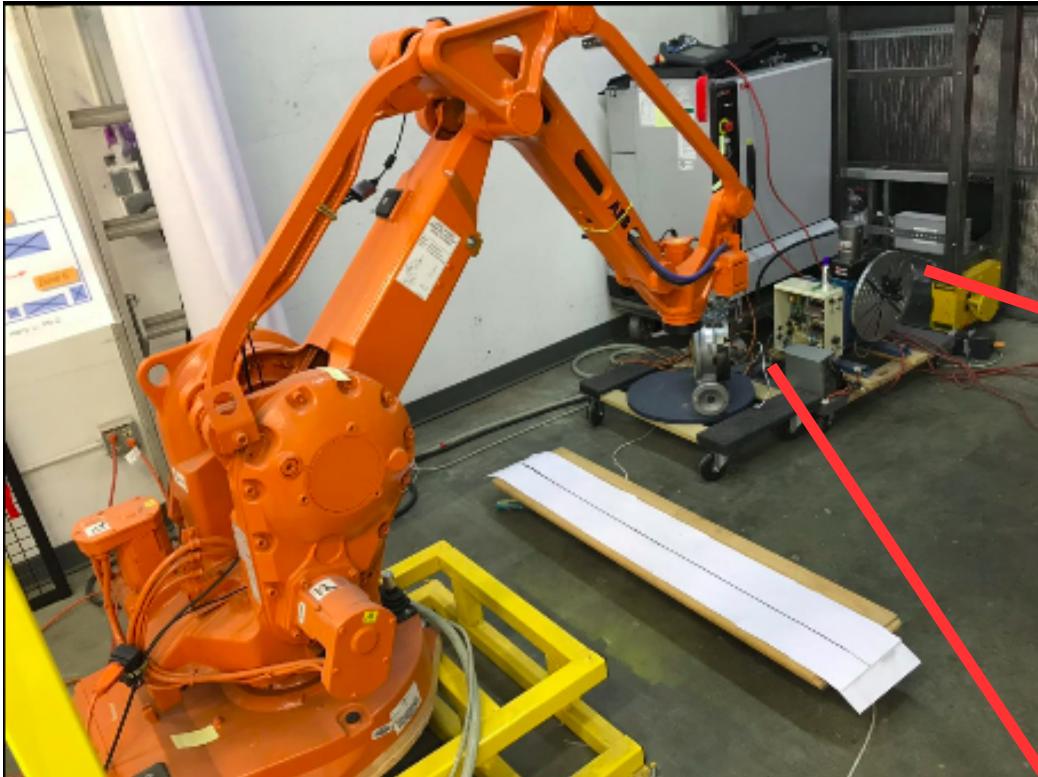
3000W DC Motor  
employed 2 for my  
robot design (2 motors  
for up to 3000 lbs load)



# Sample Motors (4)



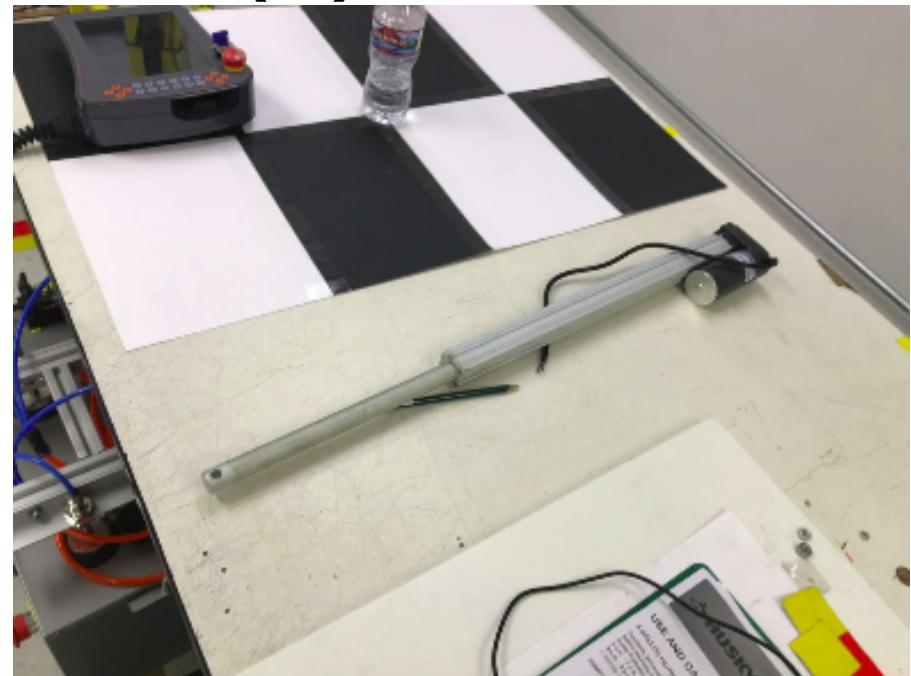
# Sample Motors (5)



# Sample Motors (6)



H\_bridge Drive:  
 $f_{pwm} = 2000$  Hz  
Duty = 0 – 97%



# Sample Motors (7)

