square Robotic Arm with bripper side view 150 - view -motors 1-gripper 30-printed -can rotate L-buse - under chirdre Advantages no wheels efficient point scring How it grips box bisadvantages Hard to control Had to fabricate (maybe) Failure Mode complex to design 1 joint breaks = all breaks glipper fails = all fail RISKS All parts reliant on each other Might be hard to design under constraint Tests

-enough enough to grip box?

-can srp box?

-enough space?

-long enough?

robot arm on Car lso -v'ew hooks under powers bisedum tages Advantages (only back & Auth) - less motos · cheels ' accept for moment m · mcble & moving of Car risks · wobbly arm Faile Mode grip fails · size constraint - jointfails tragile arm when moving ·complex Tests - will A At? · grp strength?

Robotic form with Heak	e brip
(so - view	side -v'eu
Jase Jase	2 3-0 printes
Hav it hooks box	no whels more control on grip
neods motor	hard to design  complex ascembly & Jesign
grip fails  one joint fails	maeds motor on stipper
· size containt · complex	
Tests  Will it fit?  Grip Strength?  long enough?	
·long enough?	

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