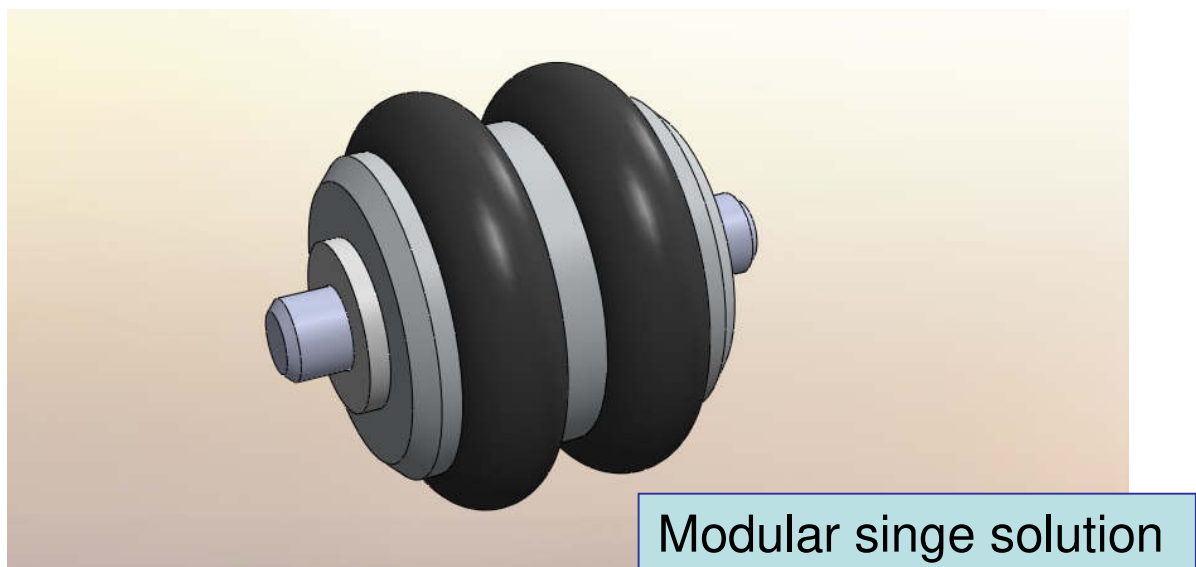
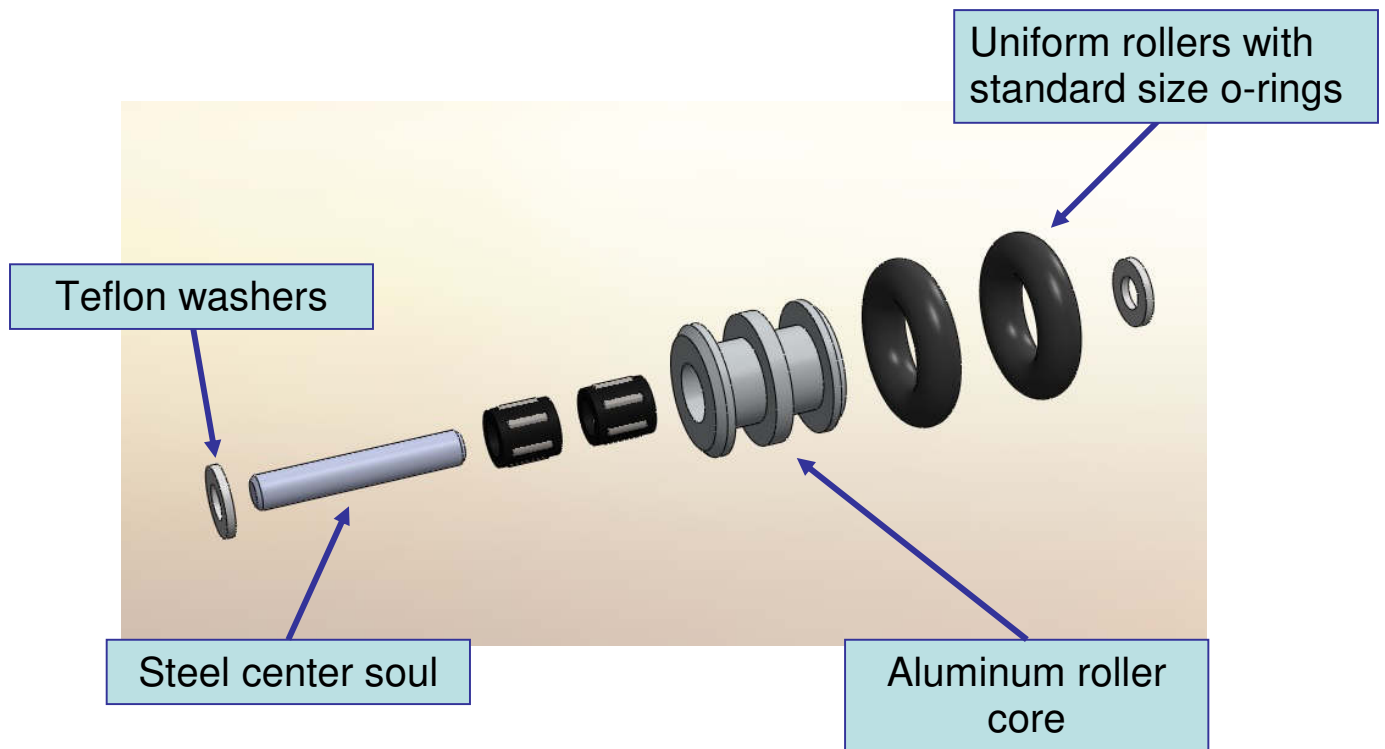
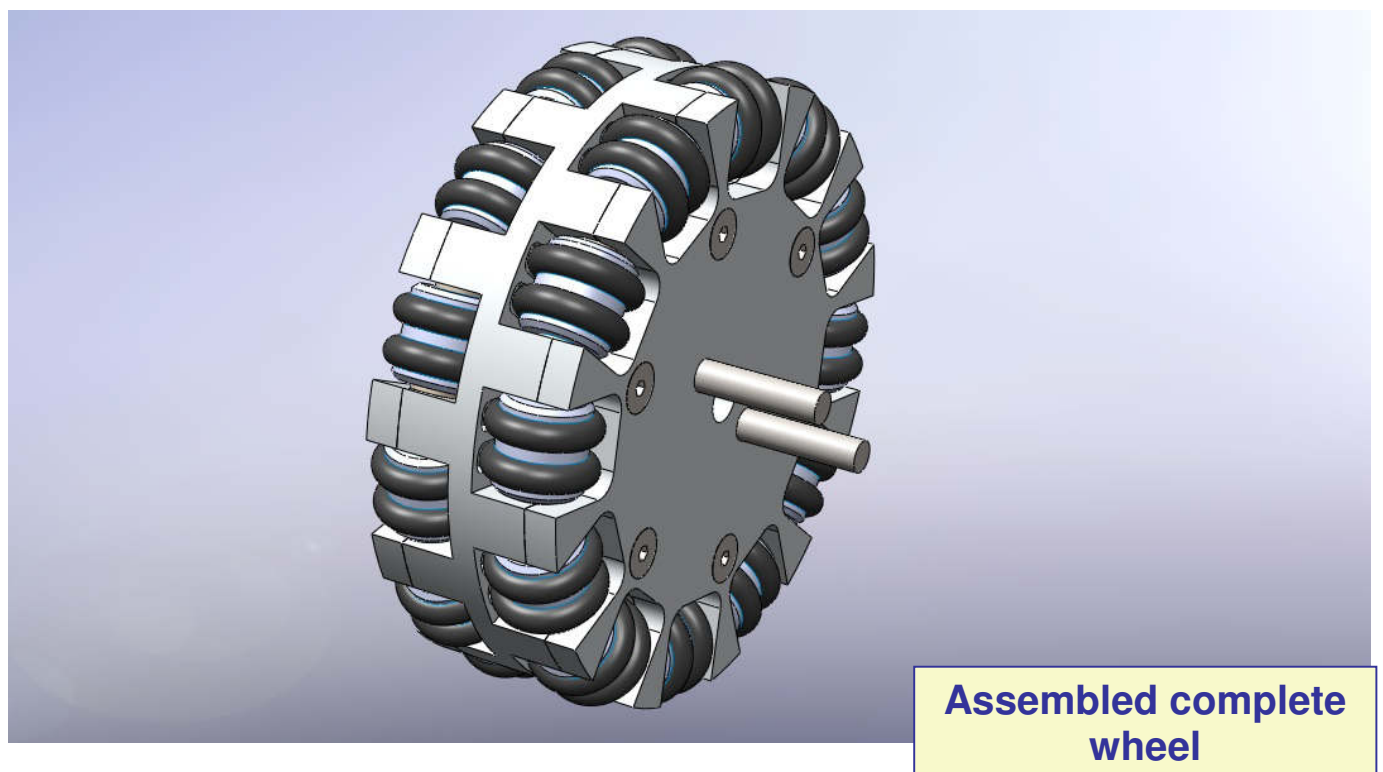
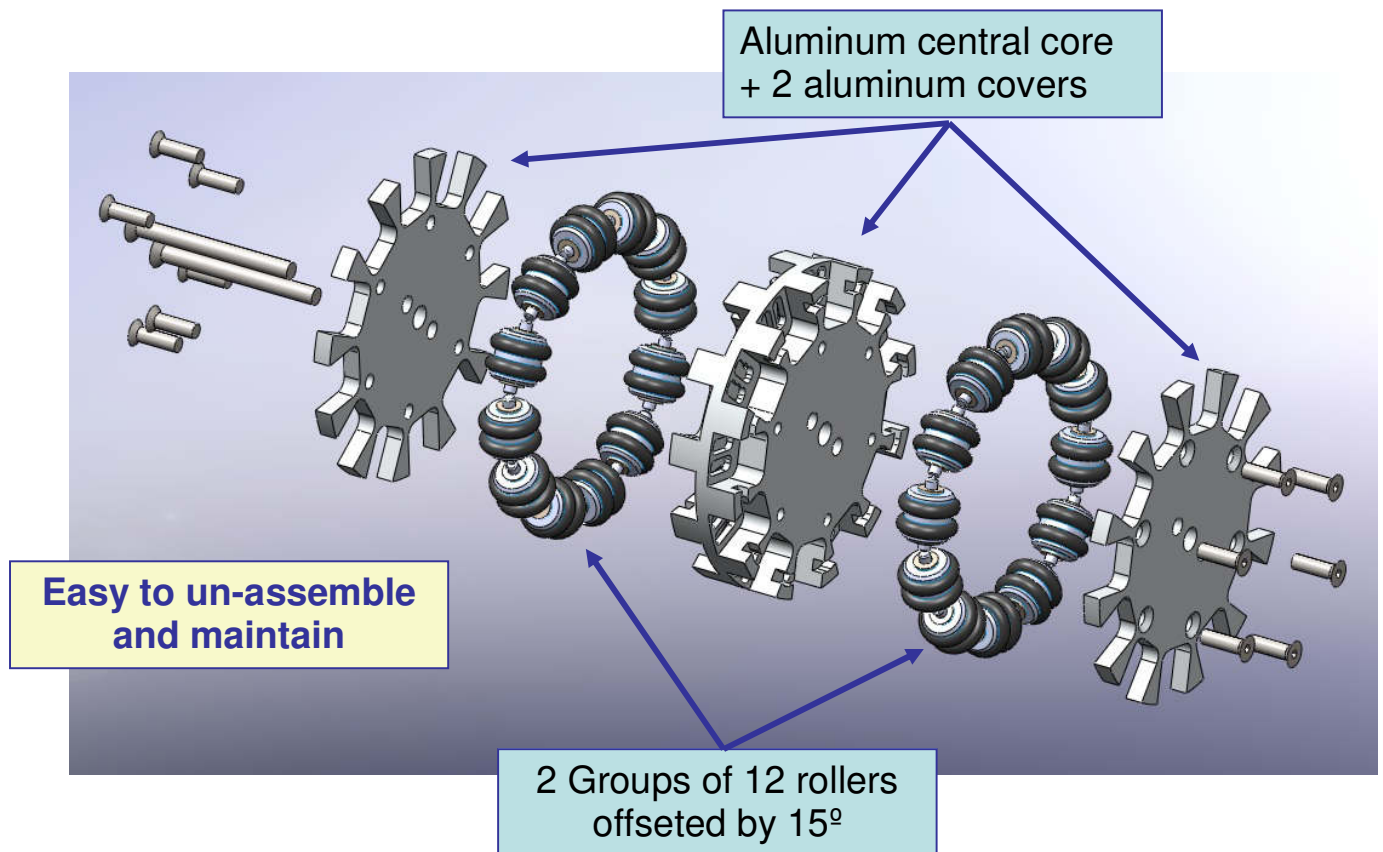
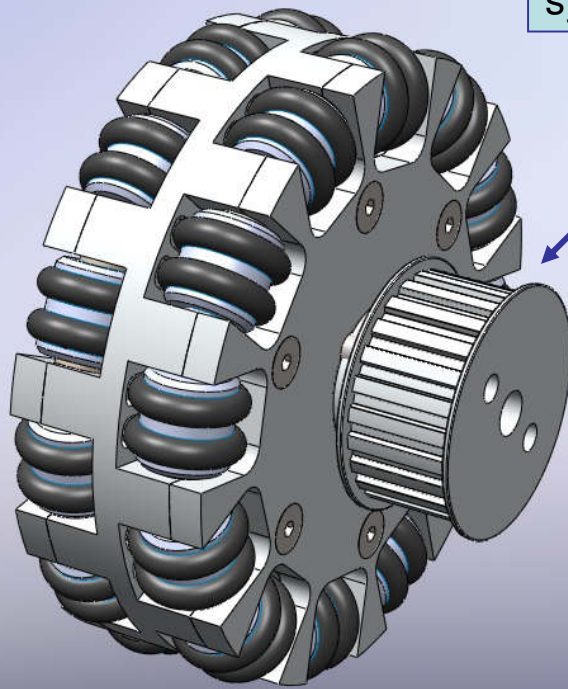


CAMBADA Platform Hardware Design

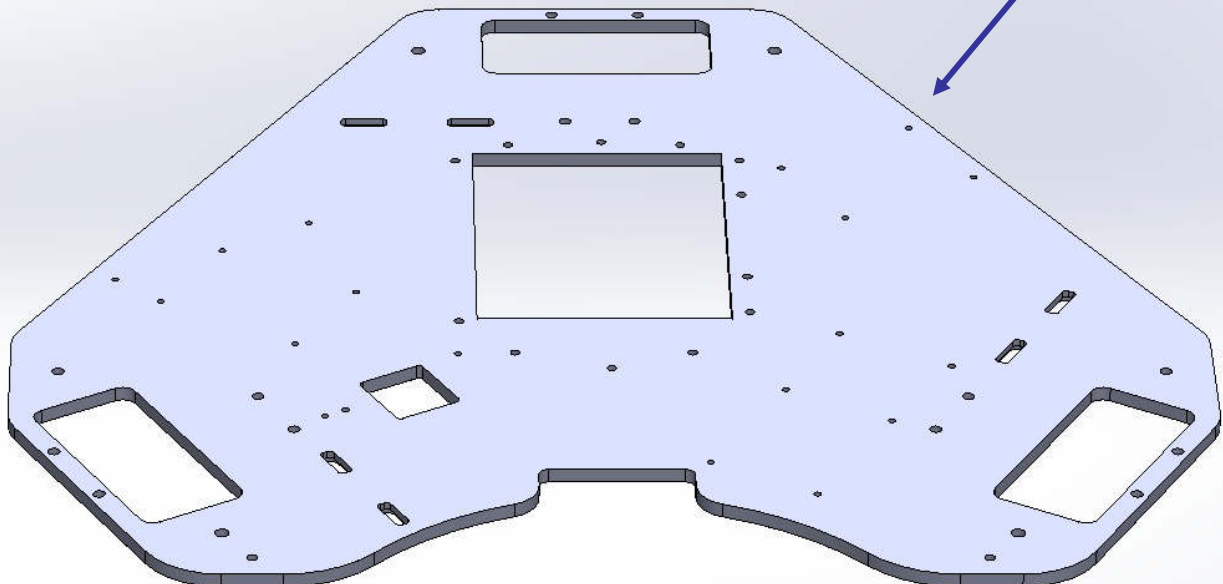




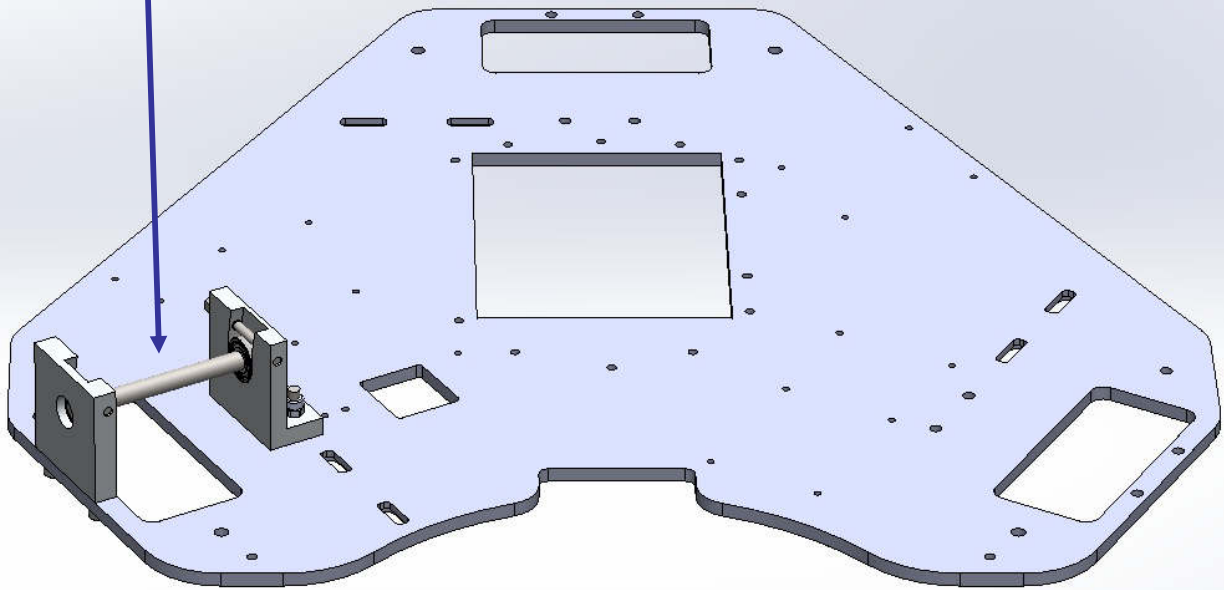
Transmission through
synchronous pulley



6mm hard aluminum
bottom sandwich structure

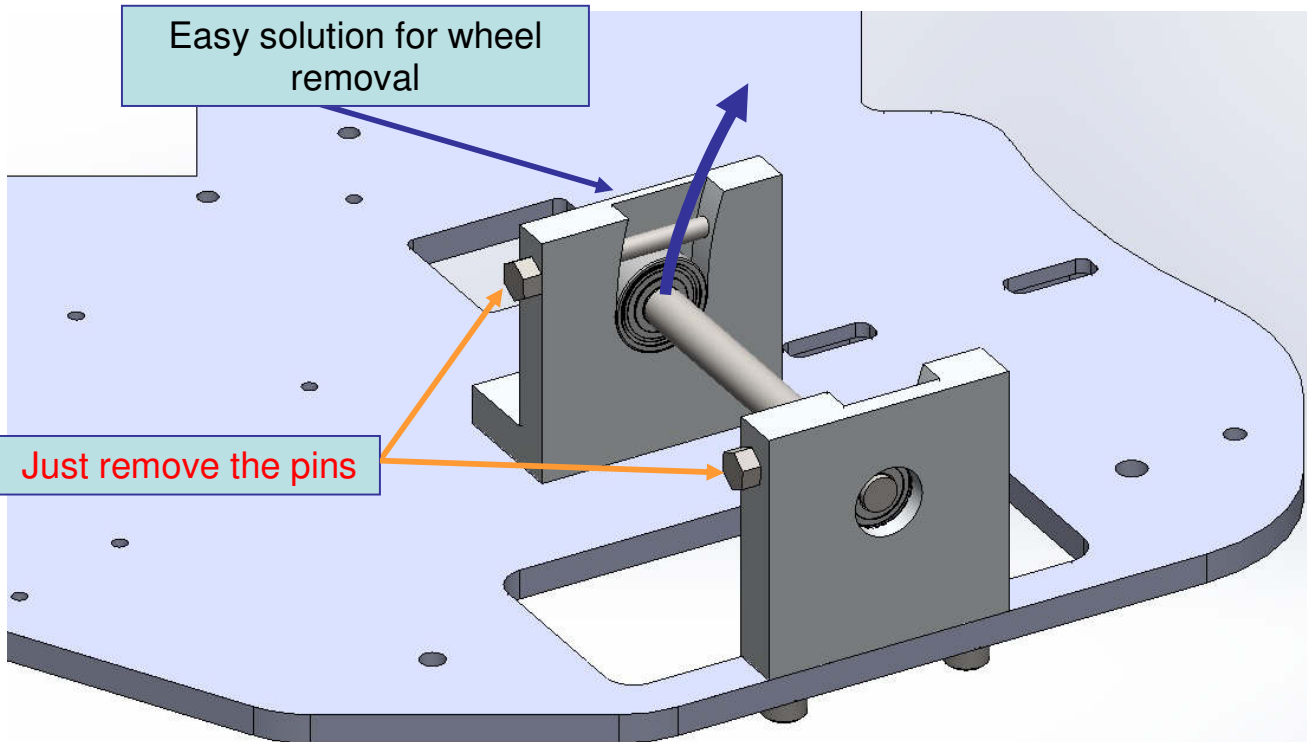


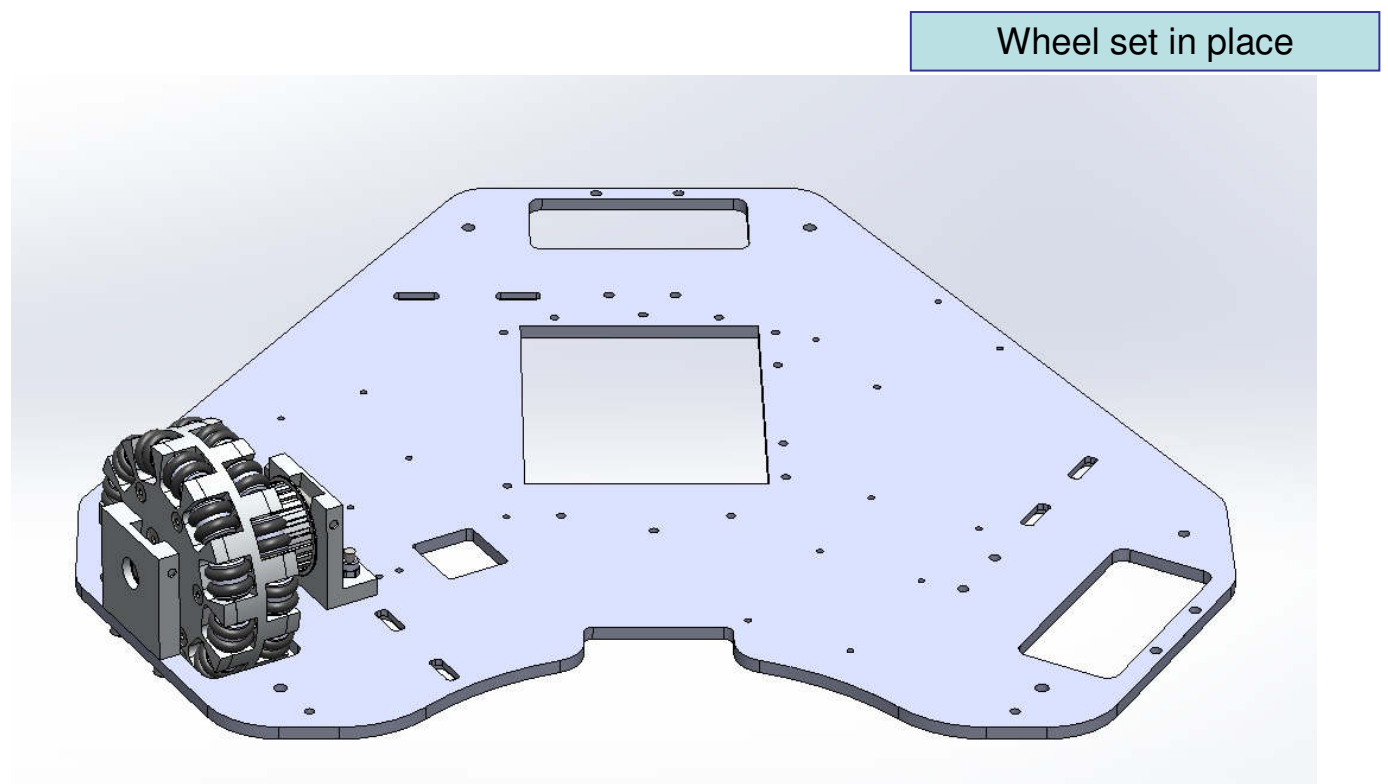
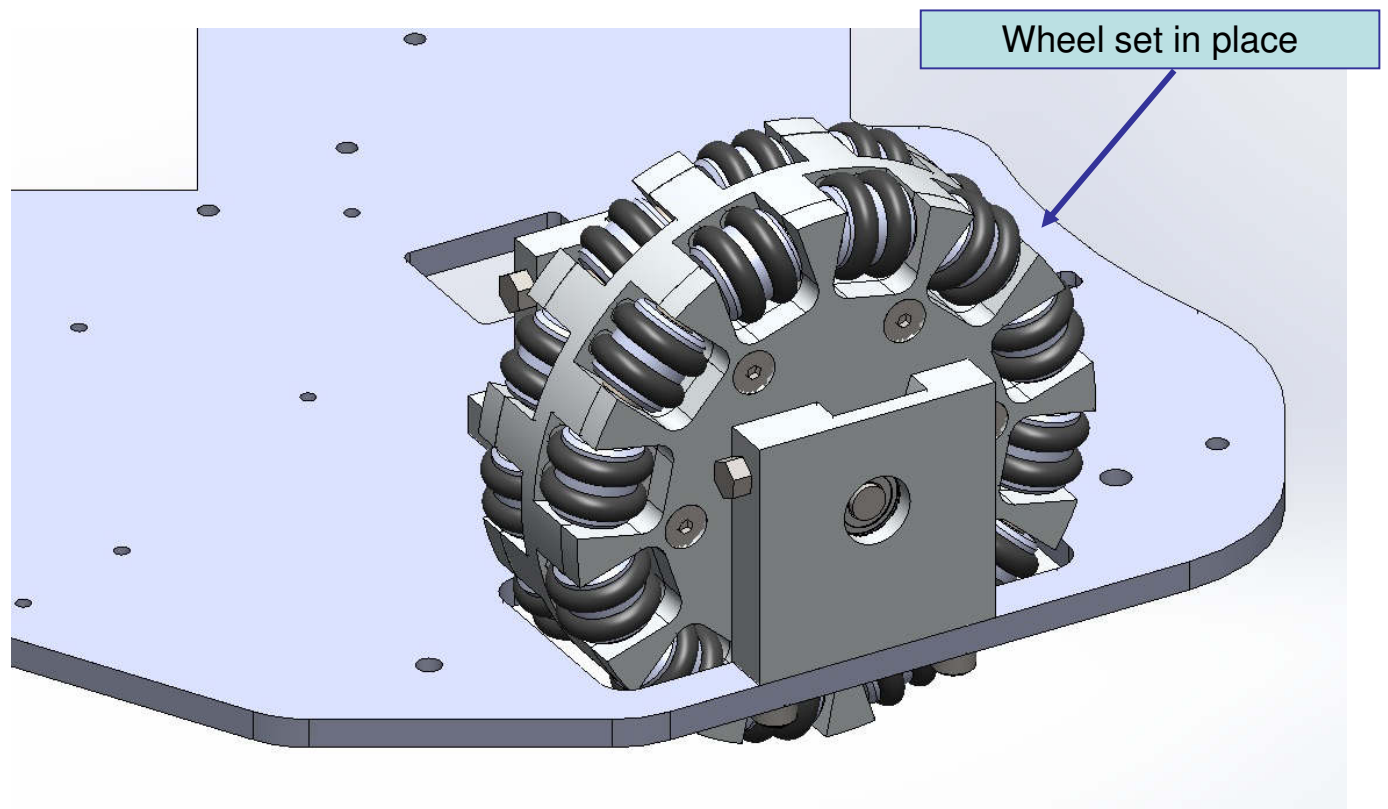
Wheel support



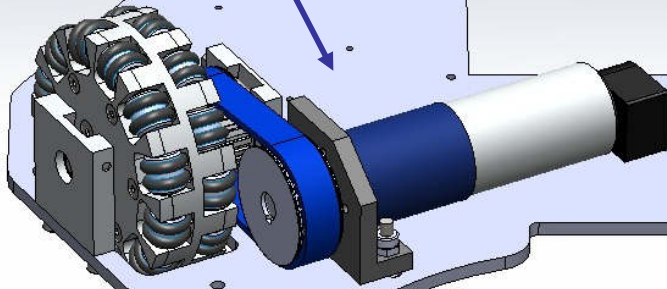
Easy solution for wheel removal

Just remove the pins

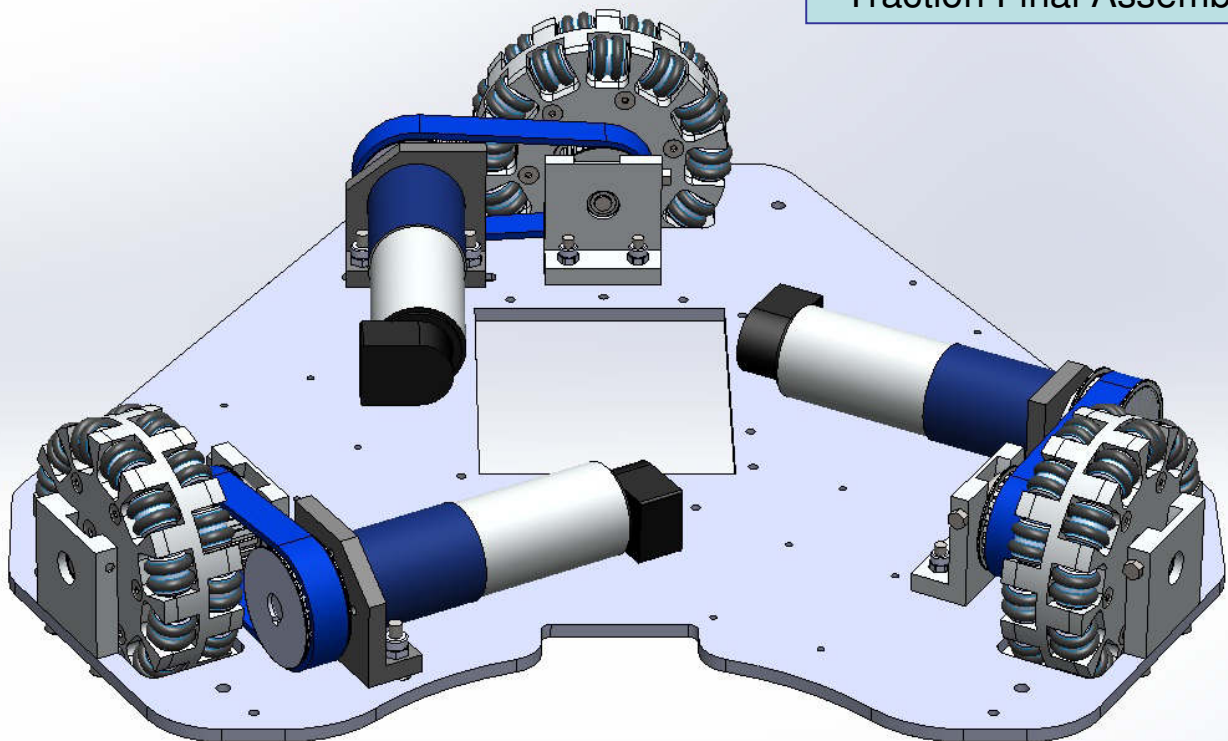


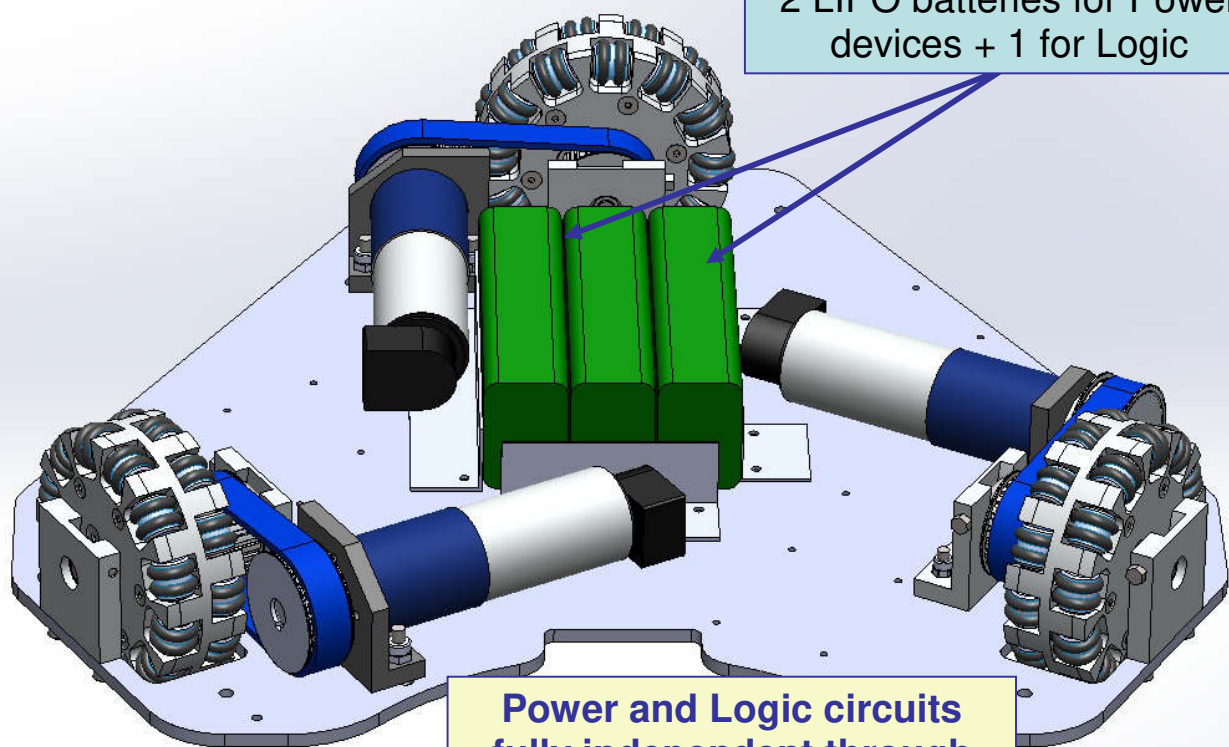


Traction setup with
adjustable ratio factor



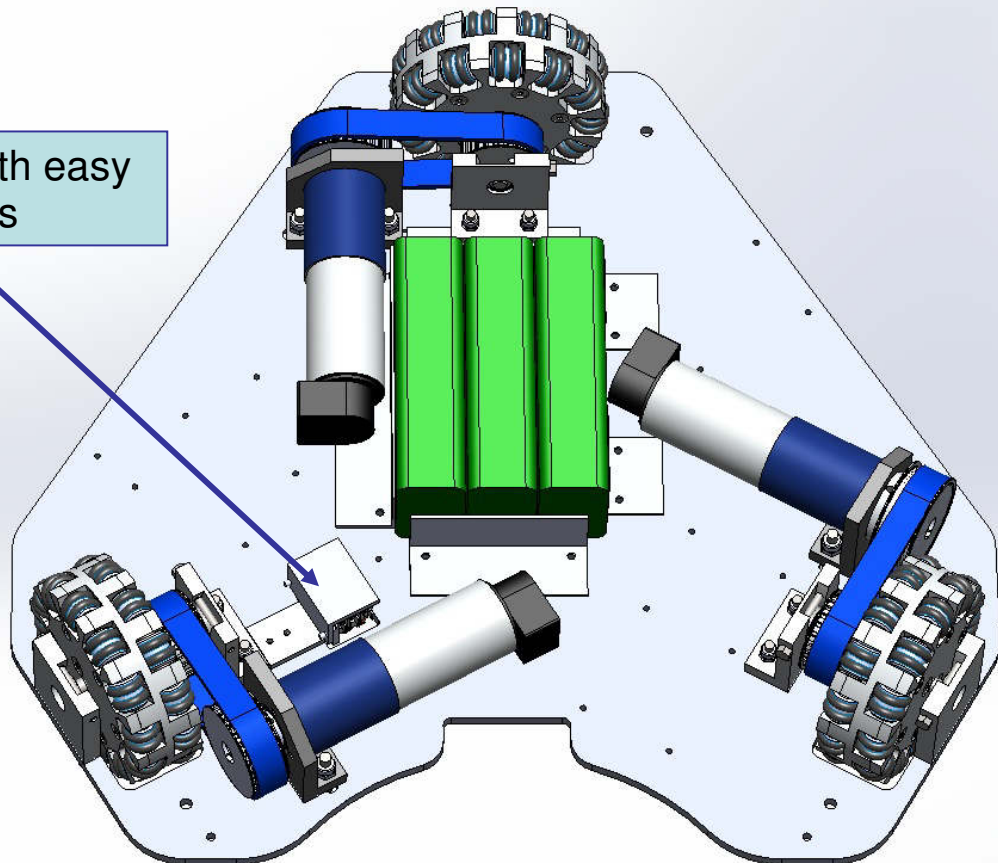
Traction Final Assembly



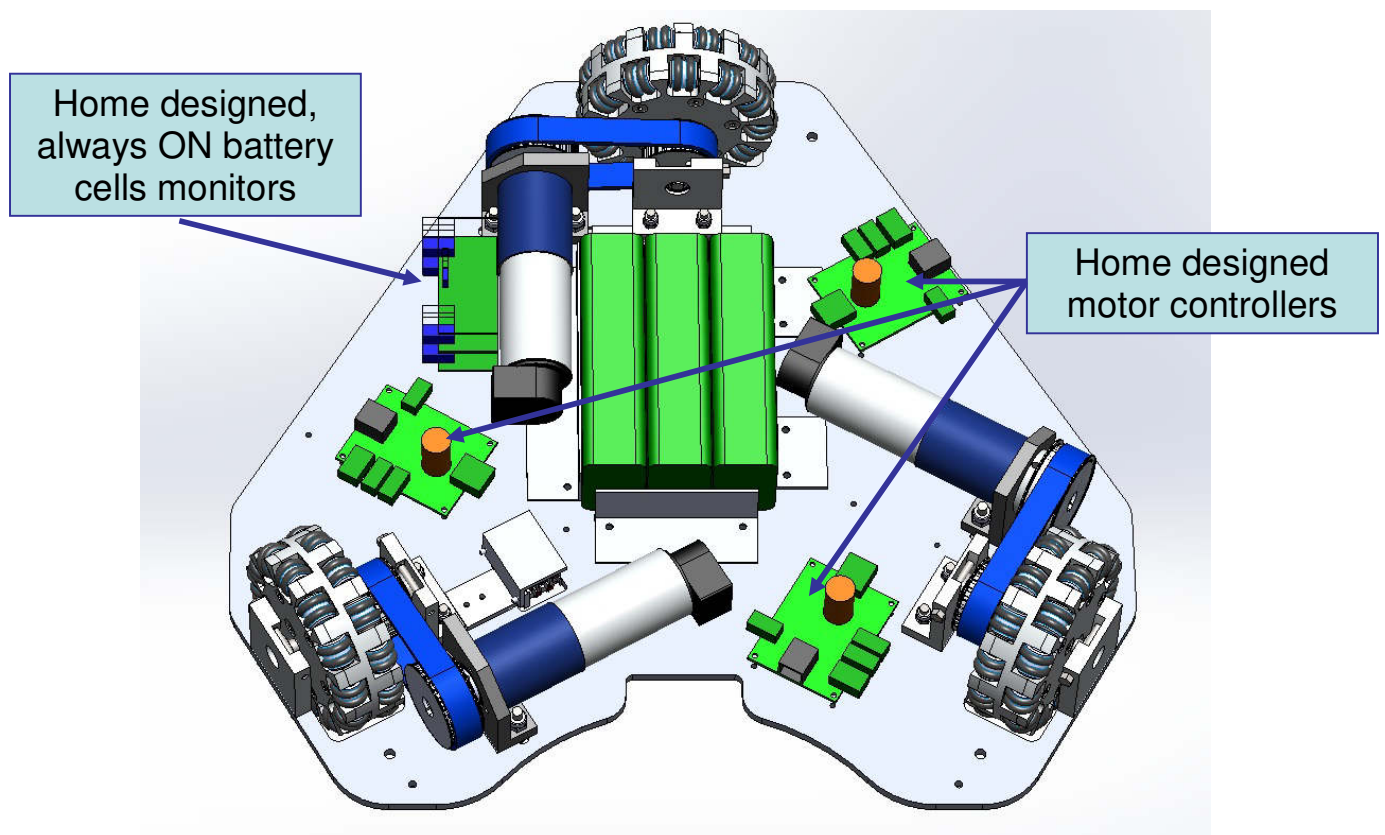
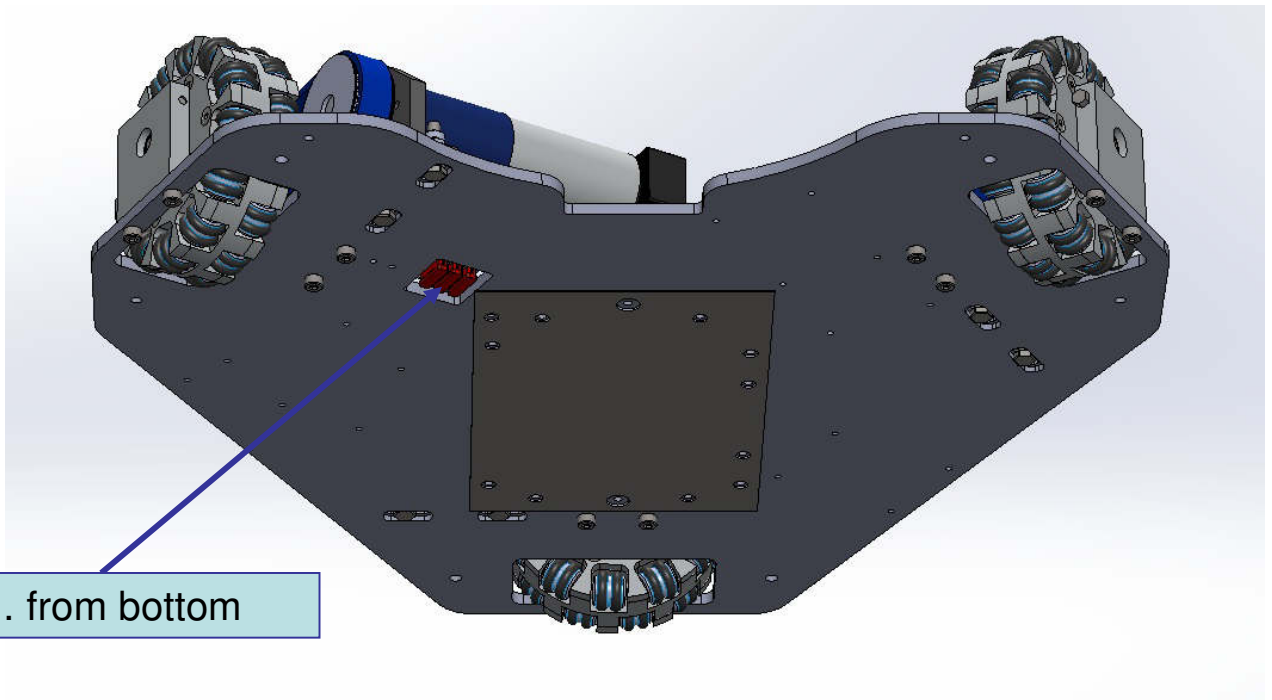


2 LIPO batteries for Power devices + 1 for Logic

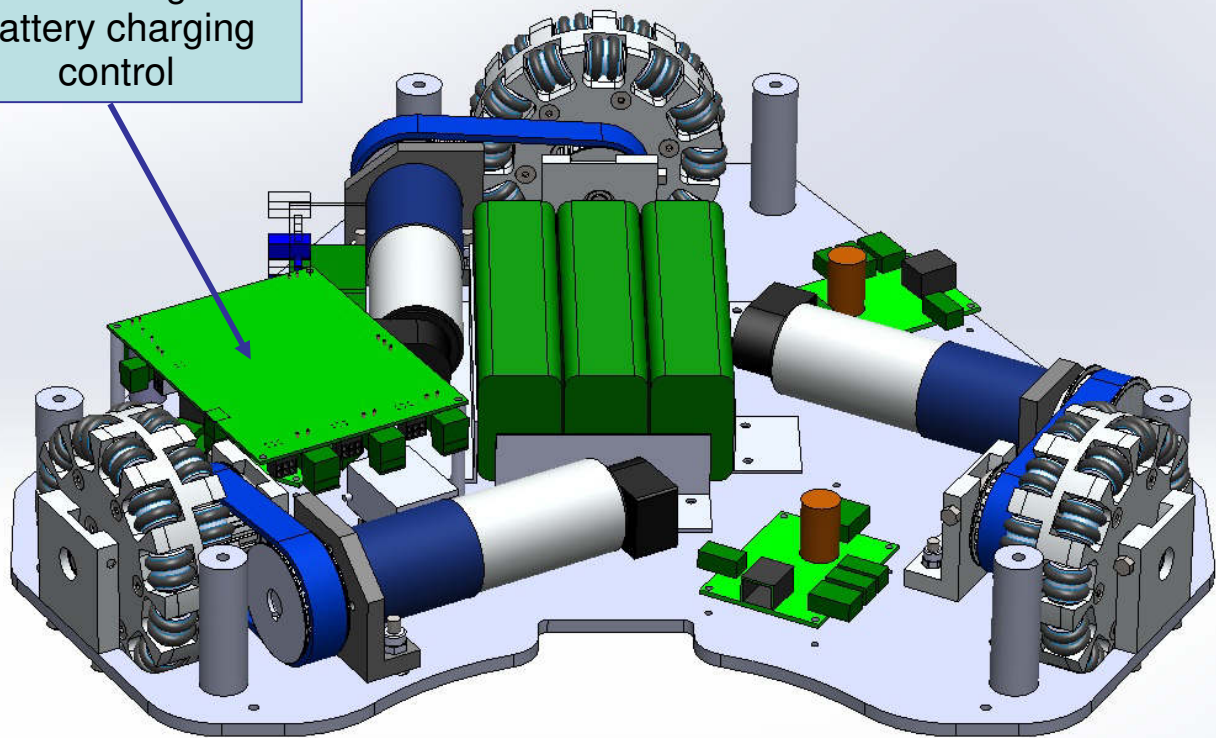
Power and Logic circuits fully independent through optical couplers



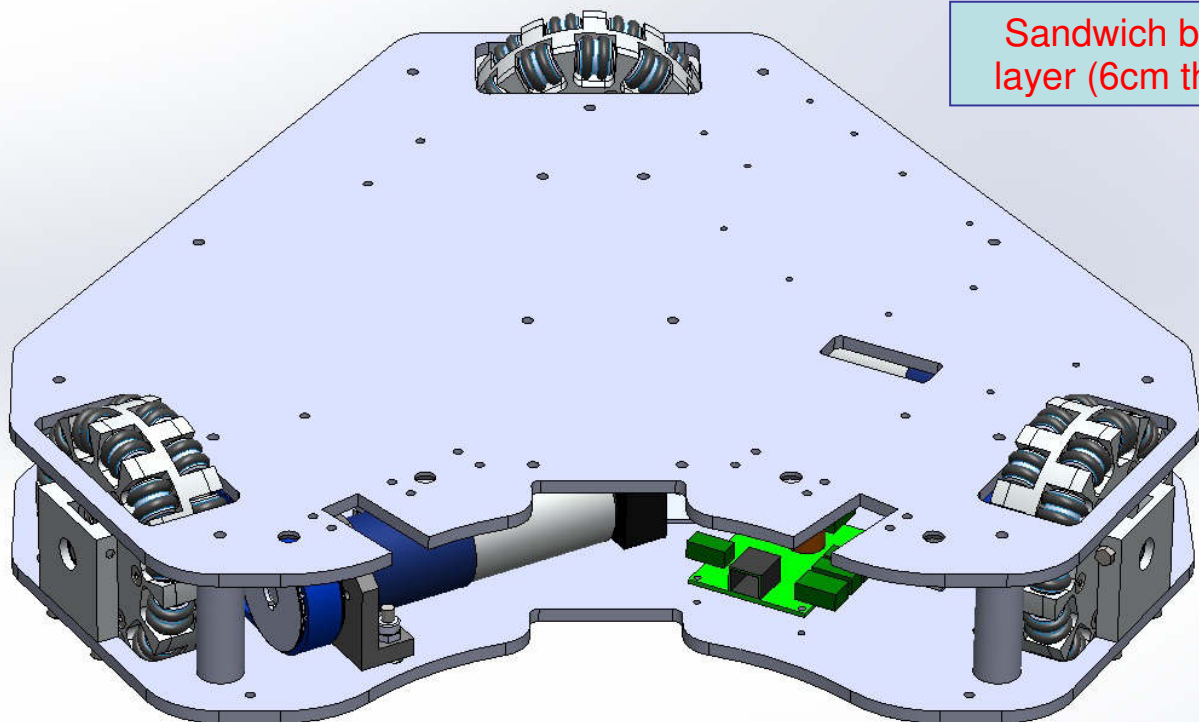
Fuse box with easy access

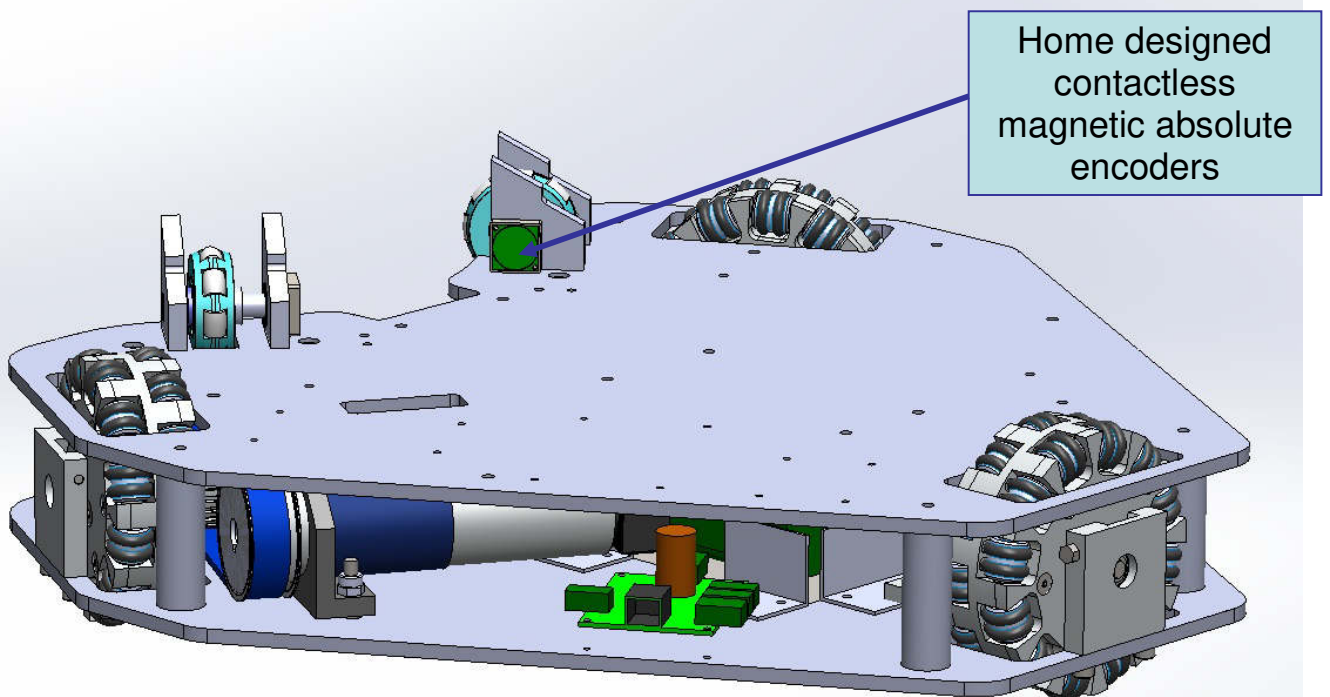
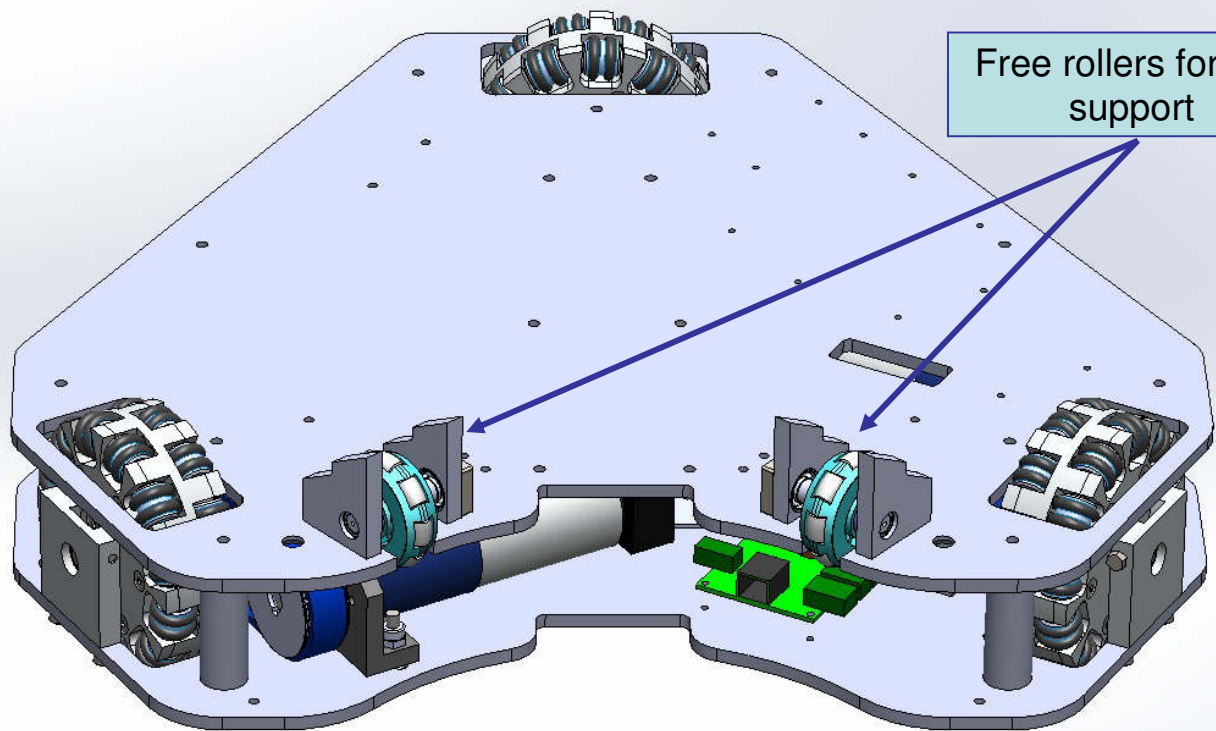


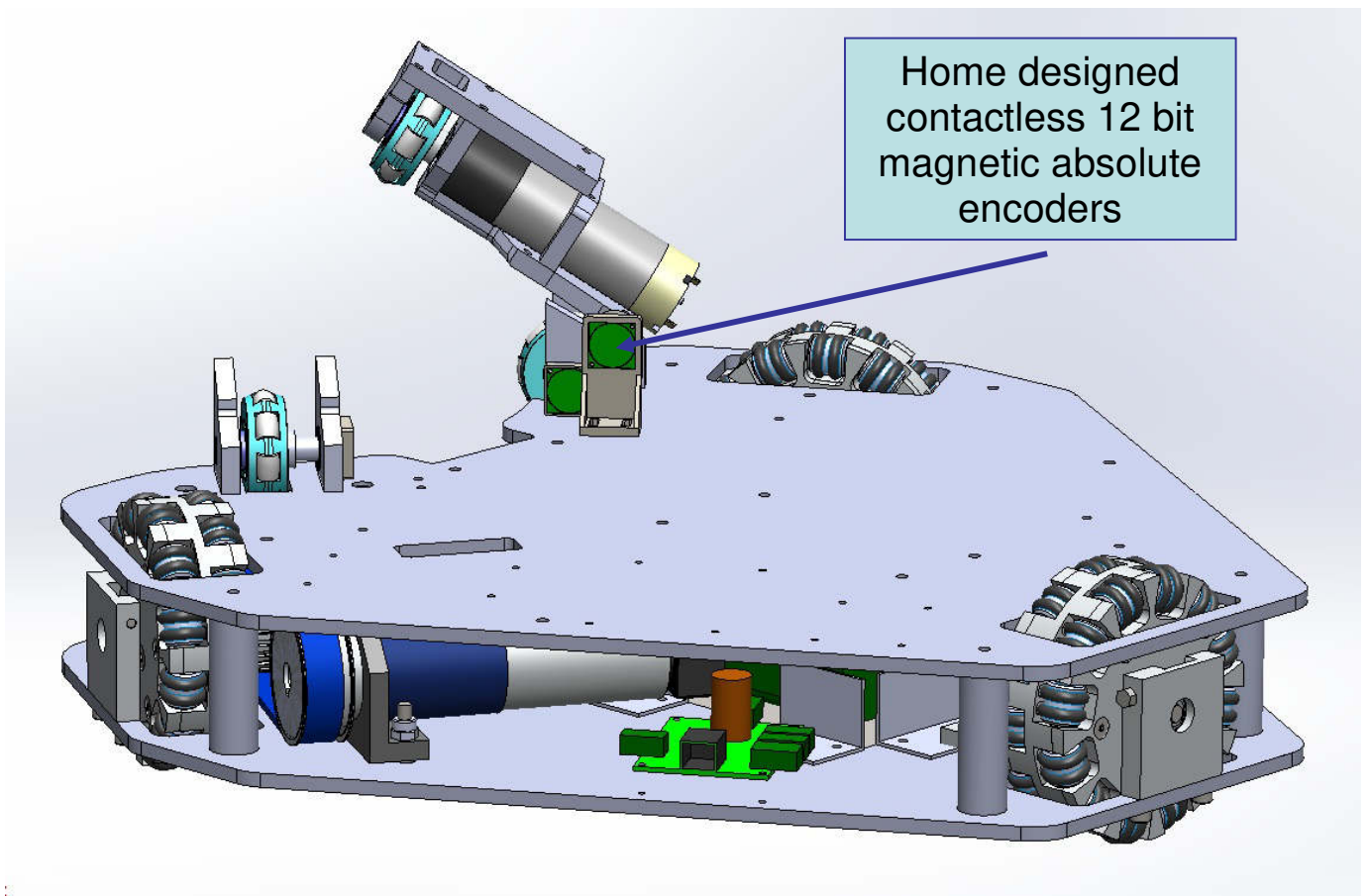
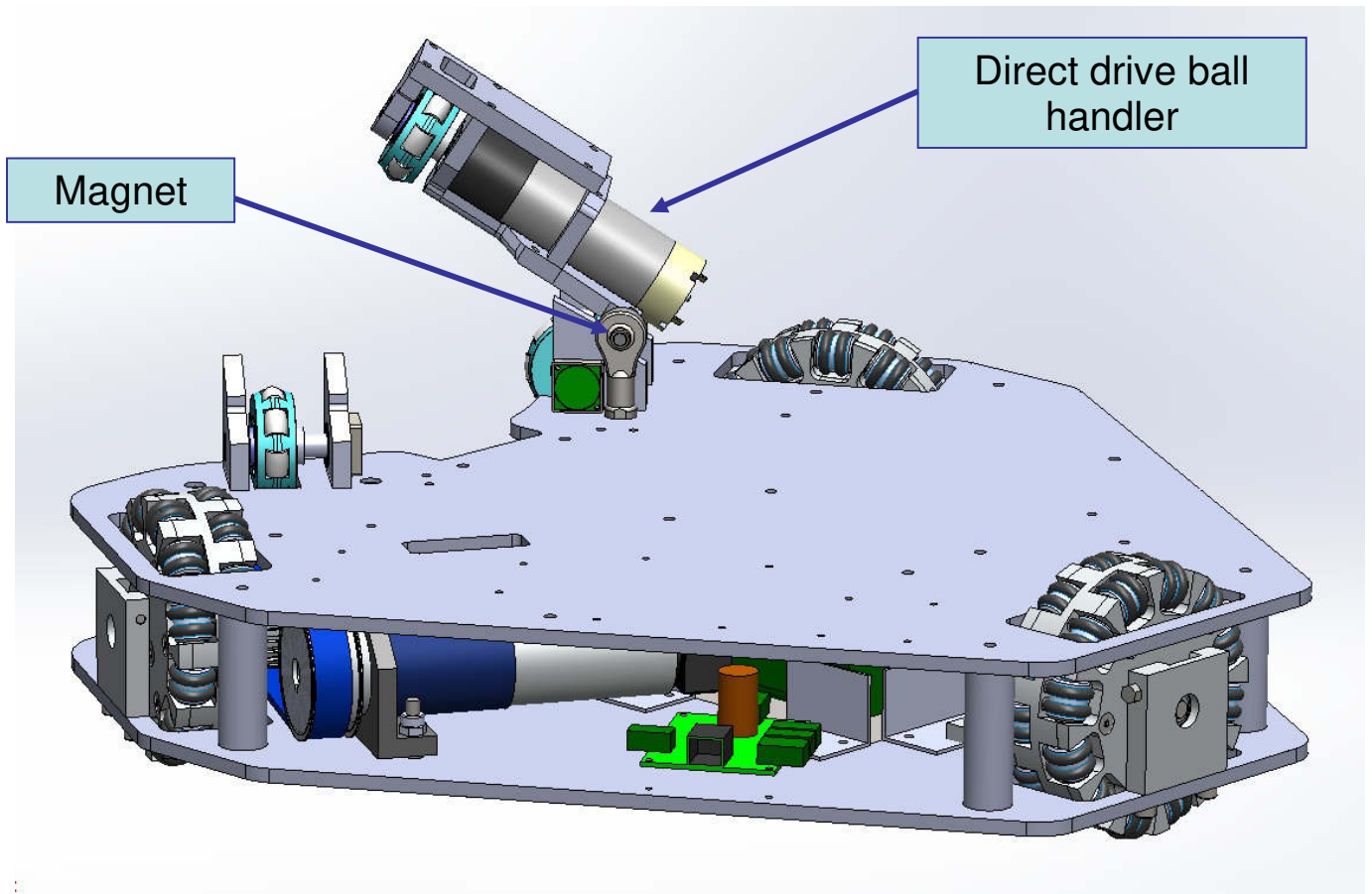
Home designed
battery charging
control



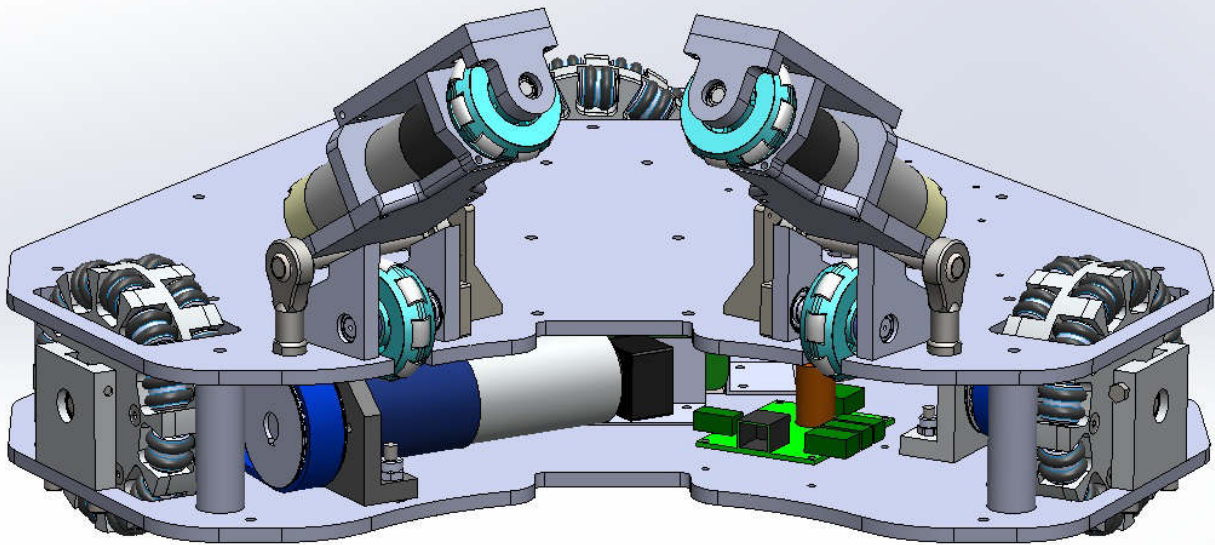
Sandwich base
layer (6cm thick)



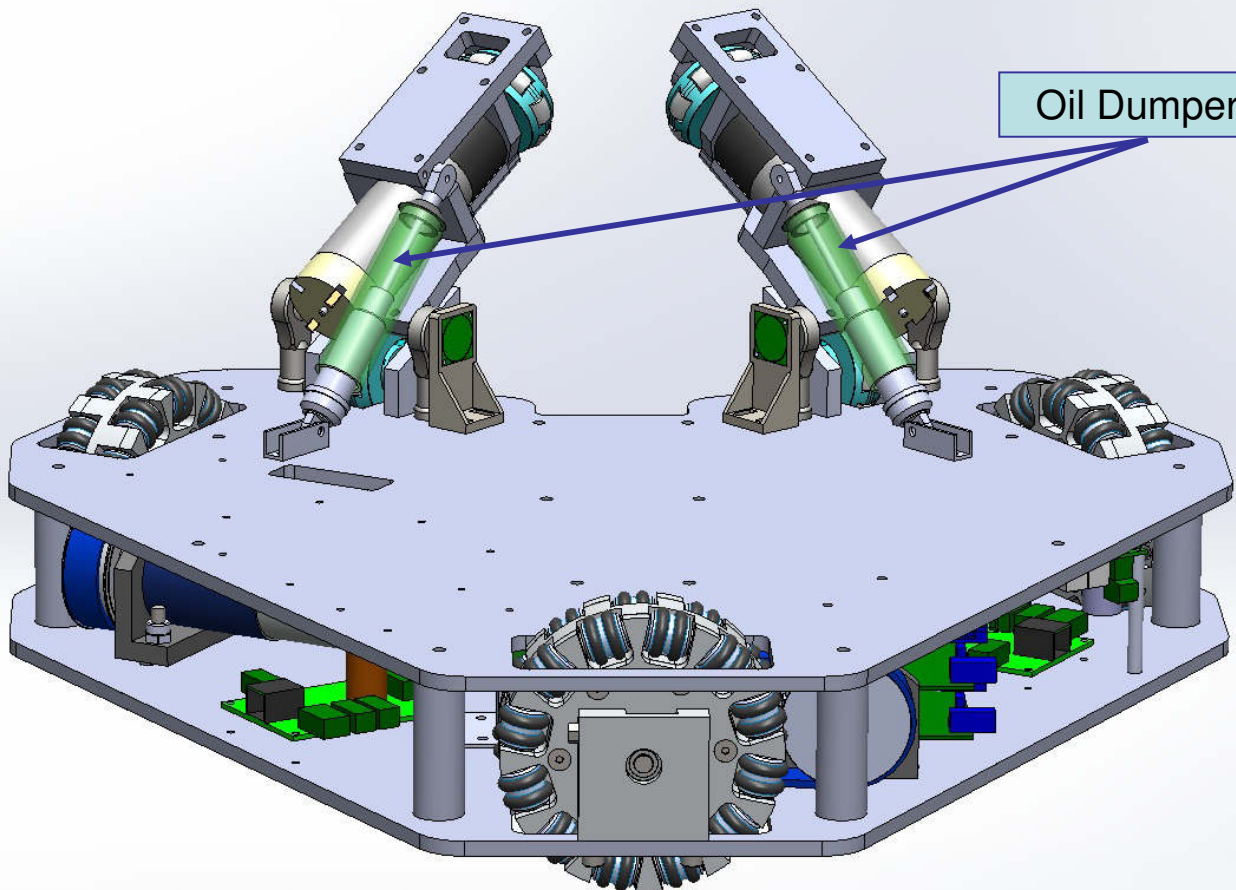


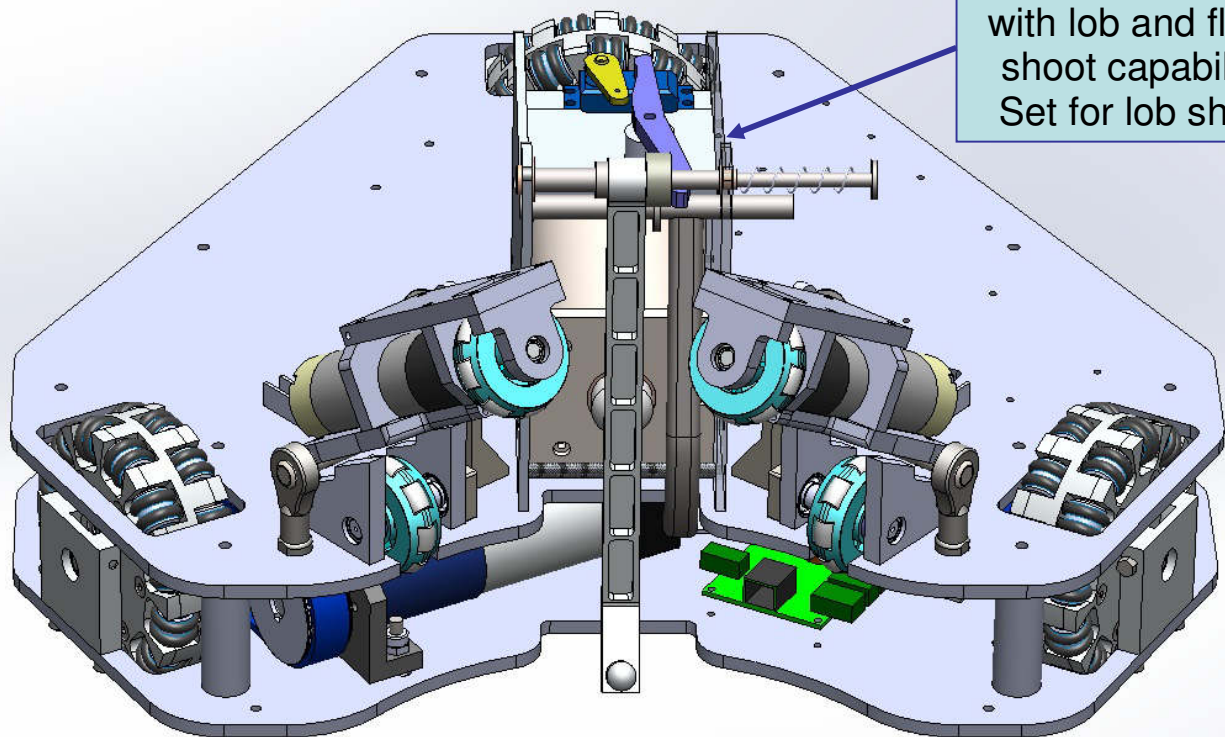


Ball handling pair

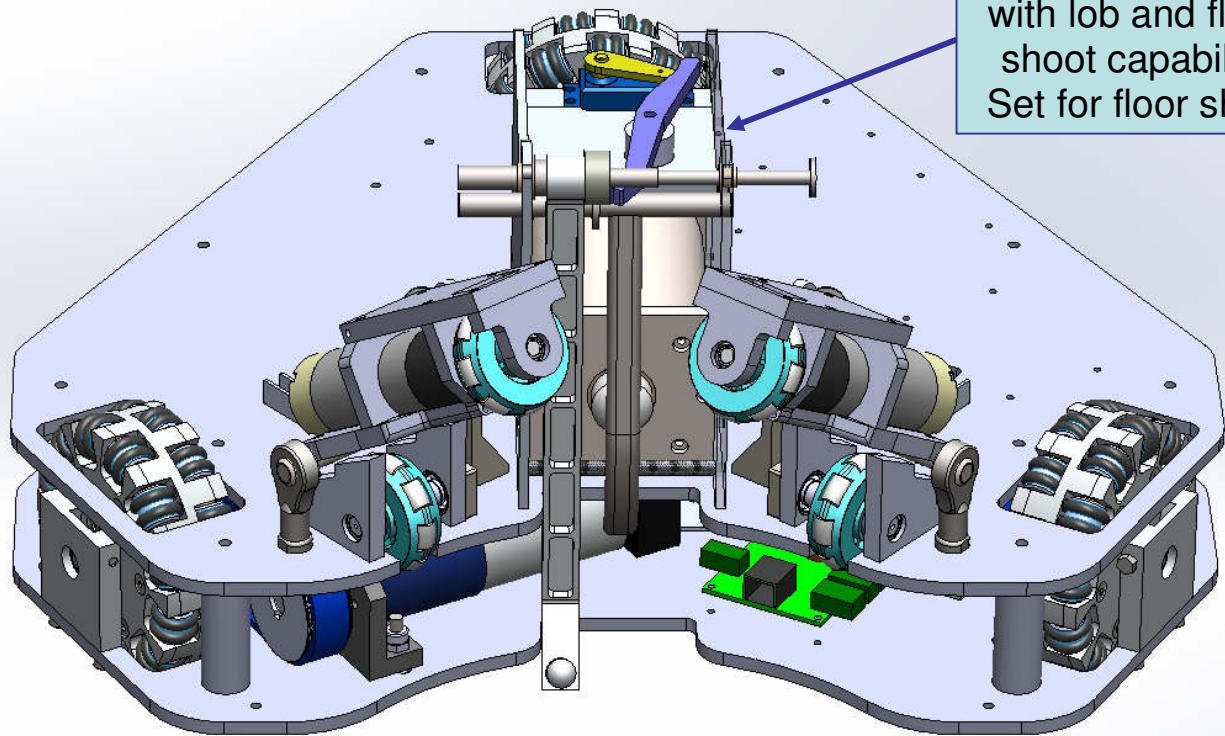


Oil Dumpers

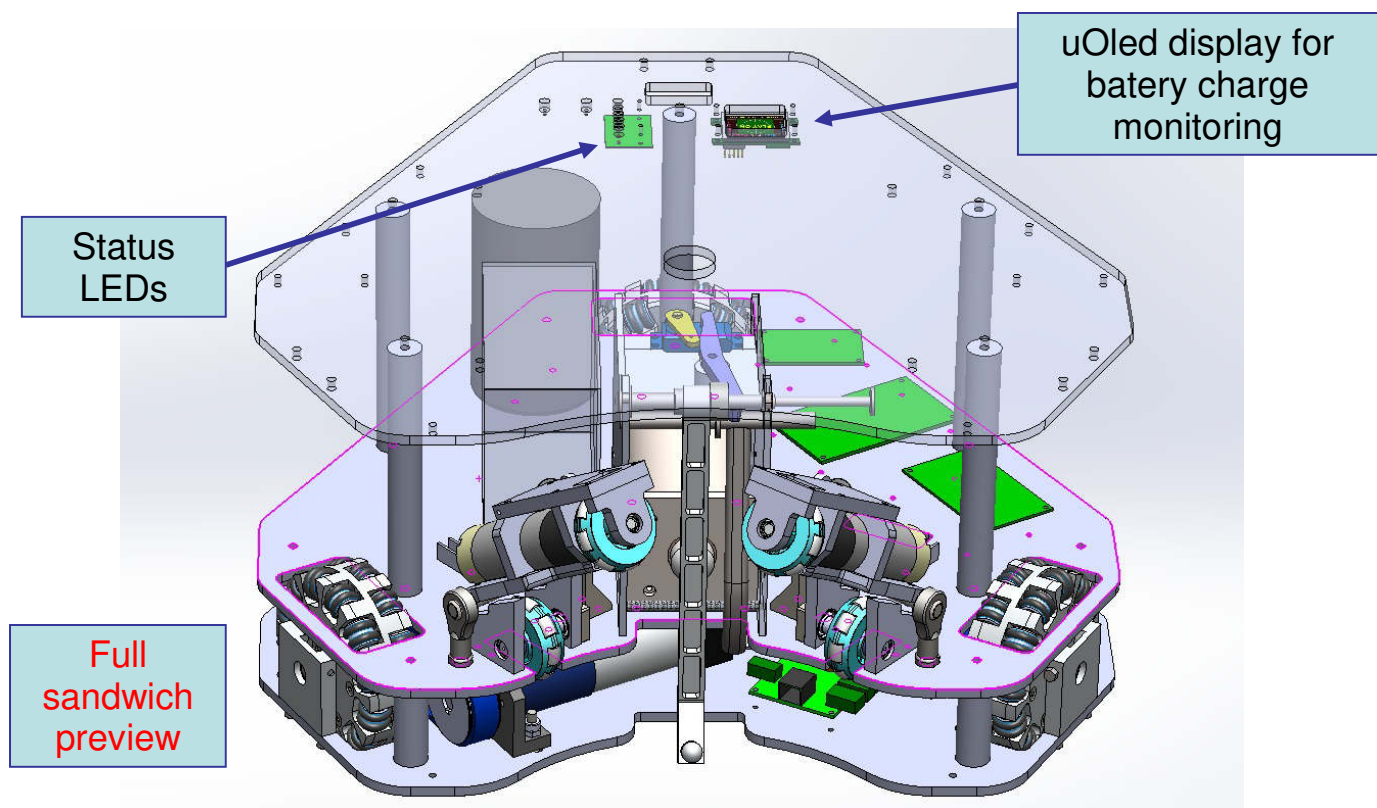
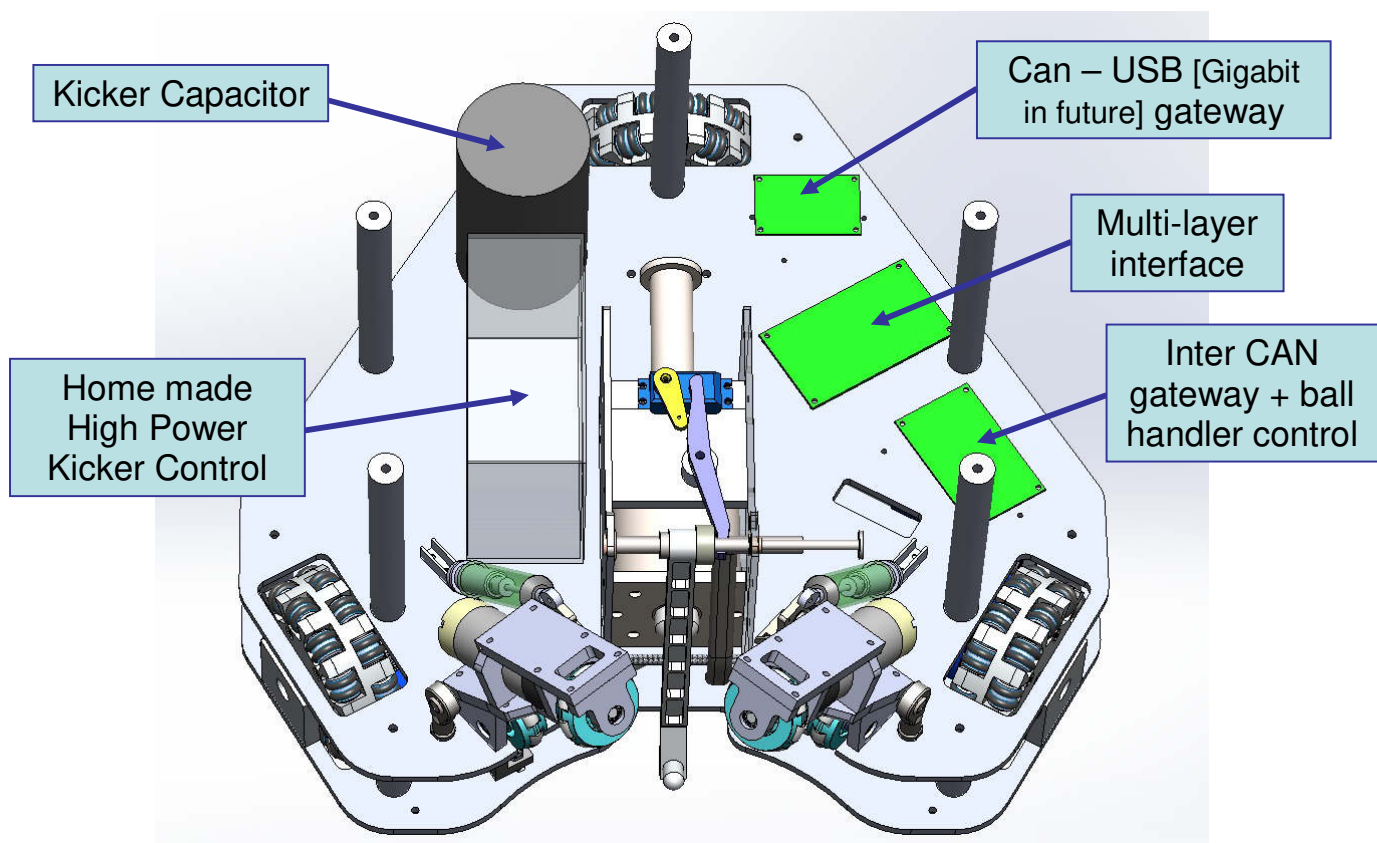




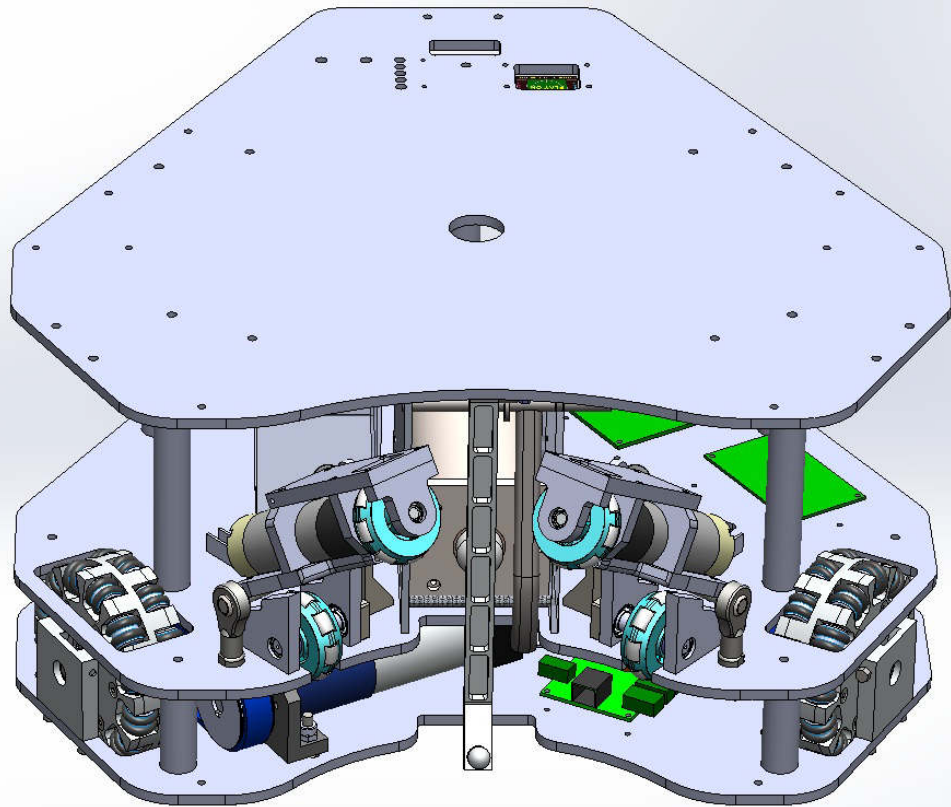
Kicking device
with lob and floor
shoot capability
Set for lob shot!



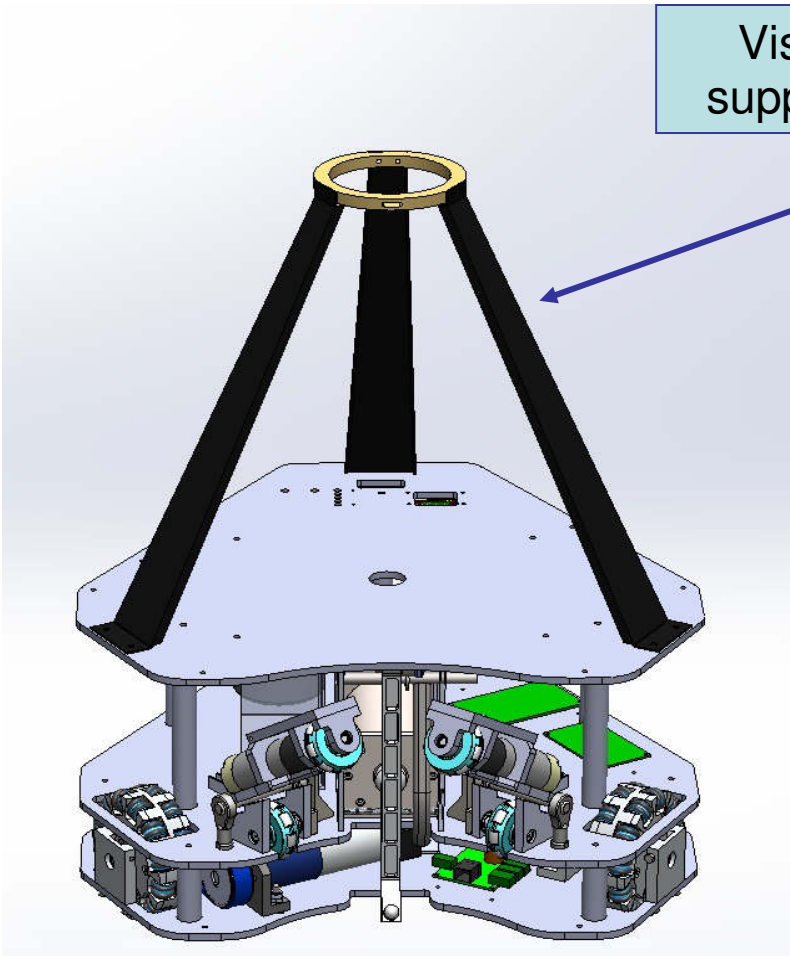
Kicking device
with lob and floor
shoot capability
Set for floor shot!

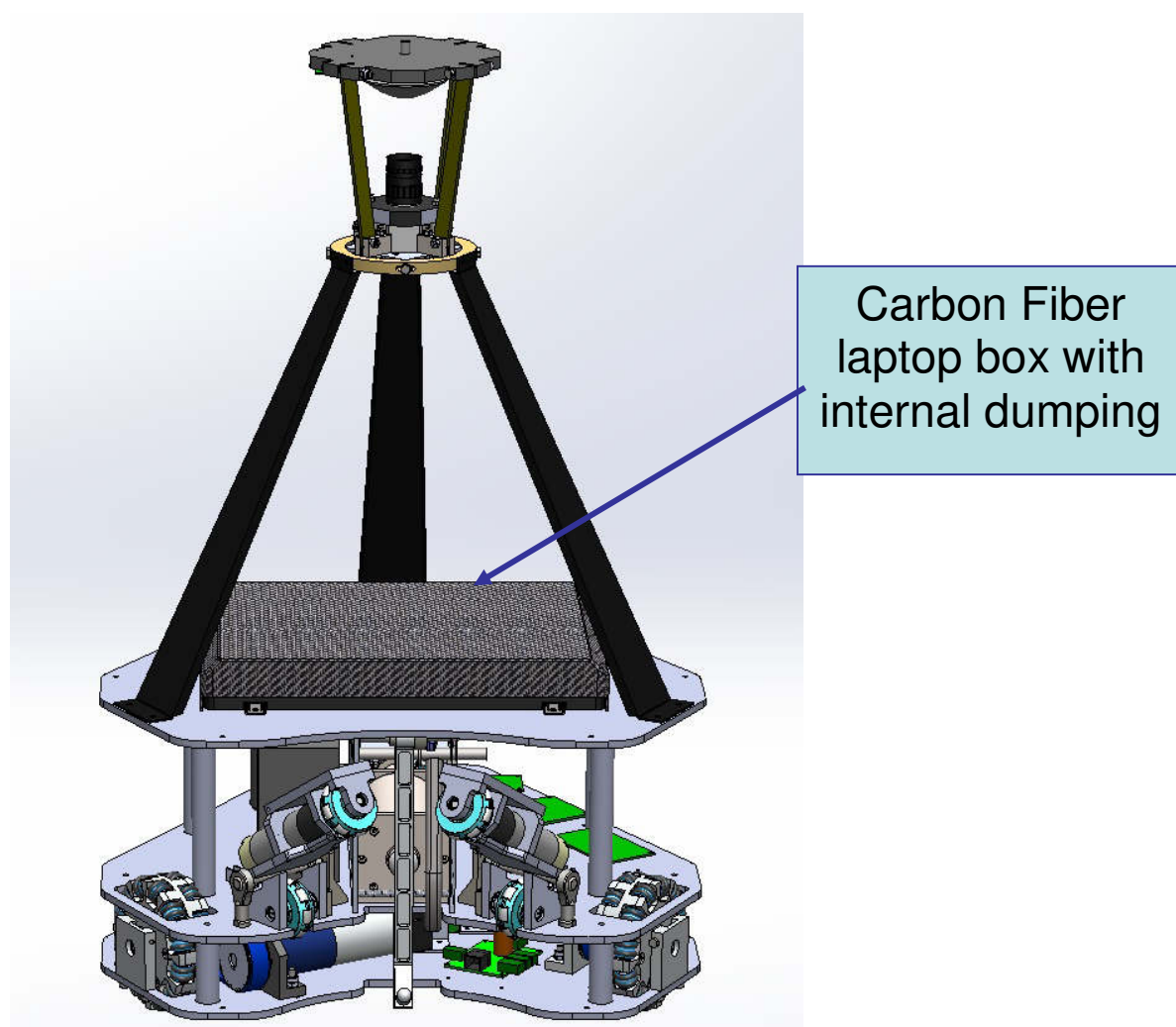
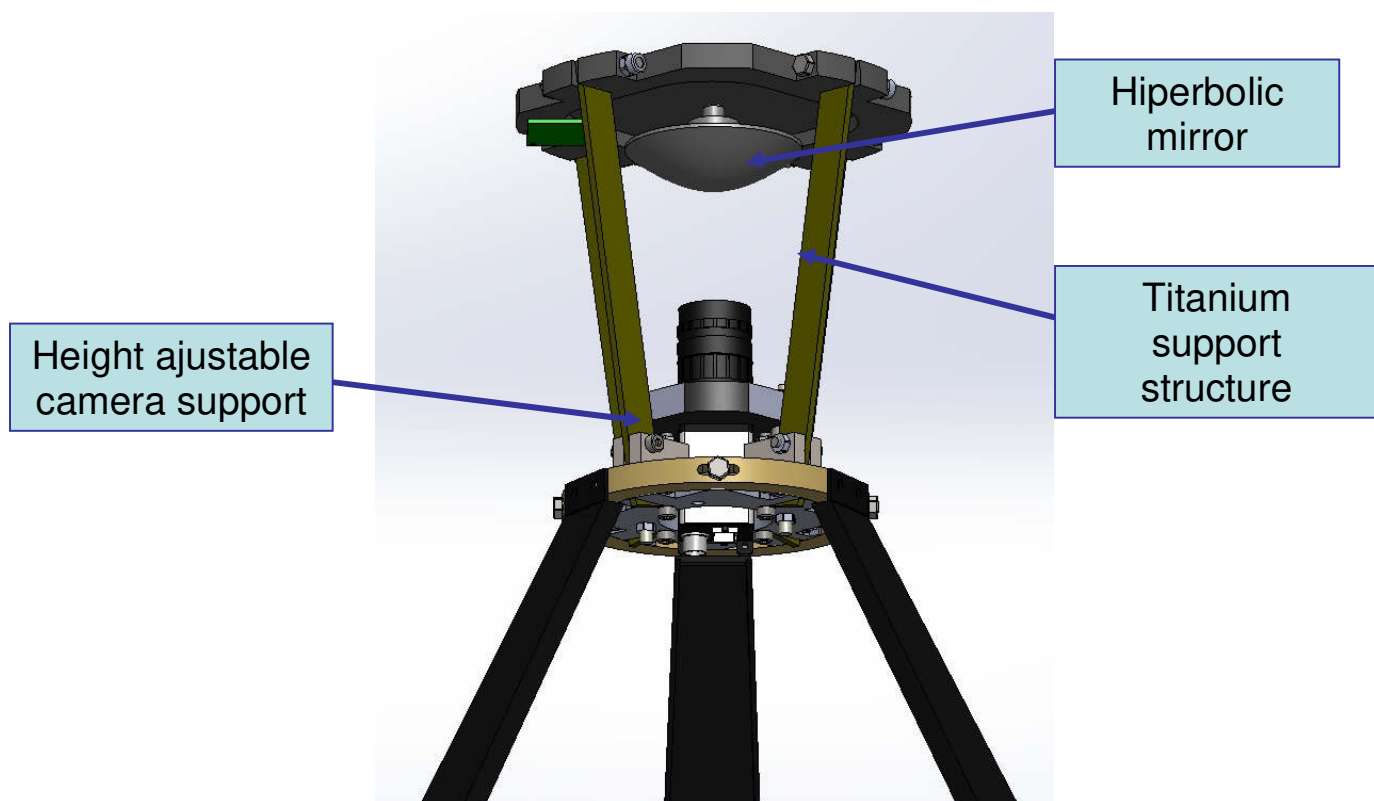


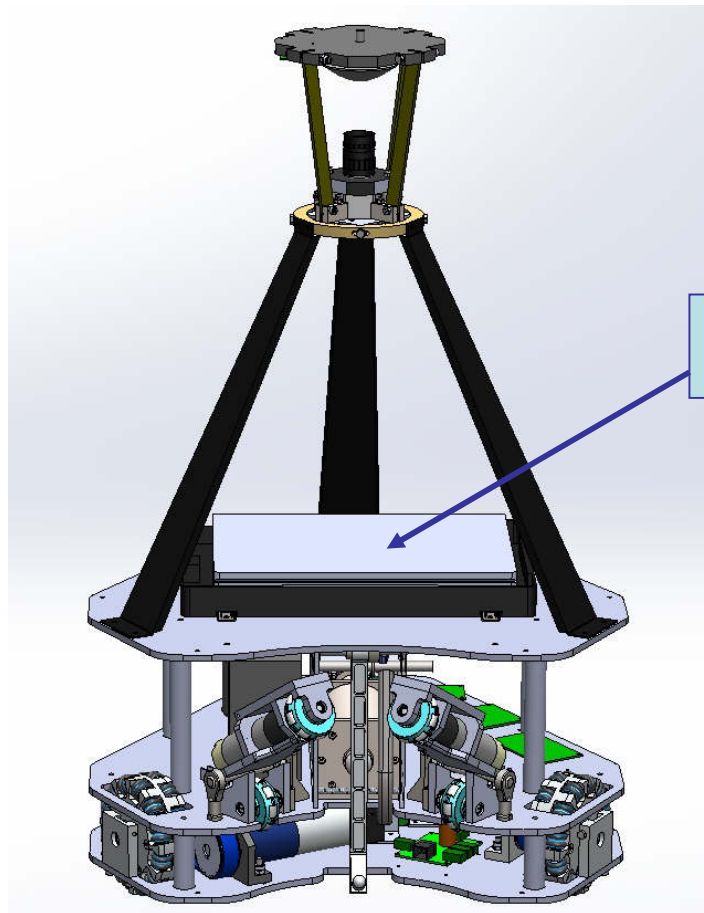
Final
assembled
sandwich



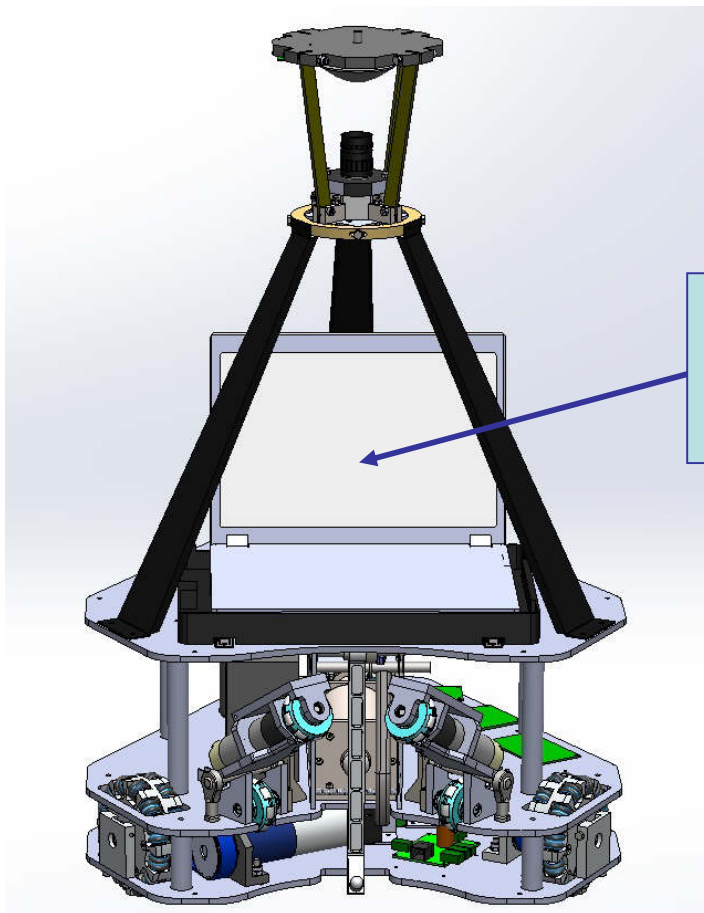
Vision system
support structure



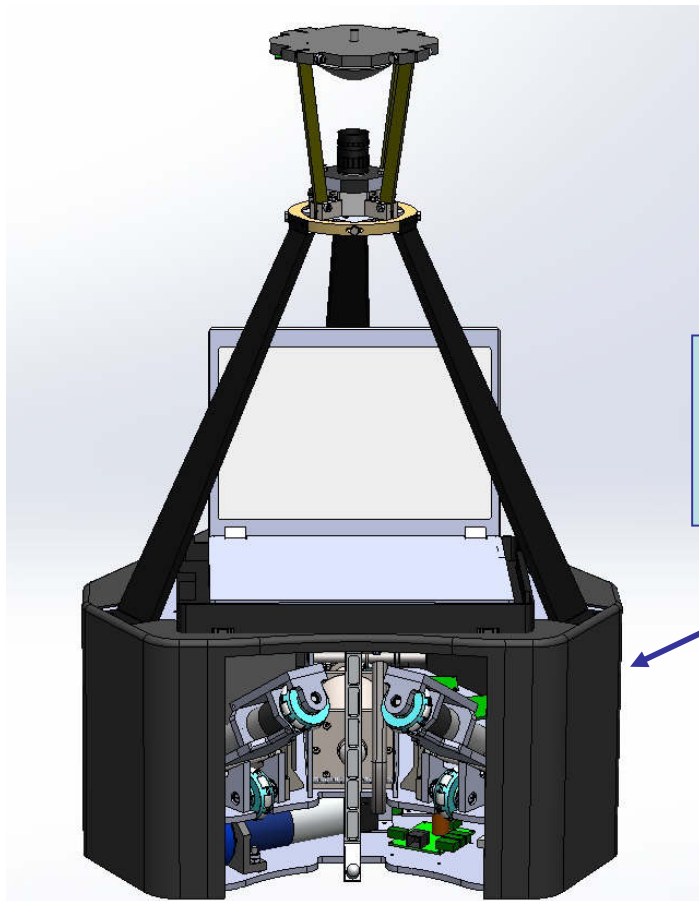




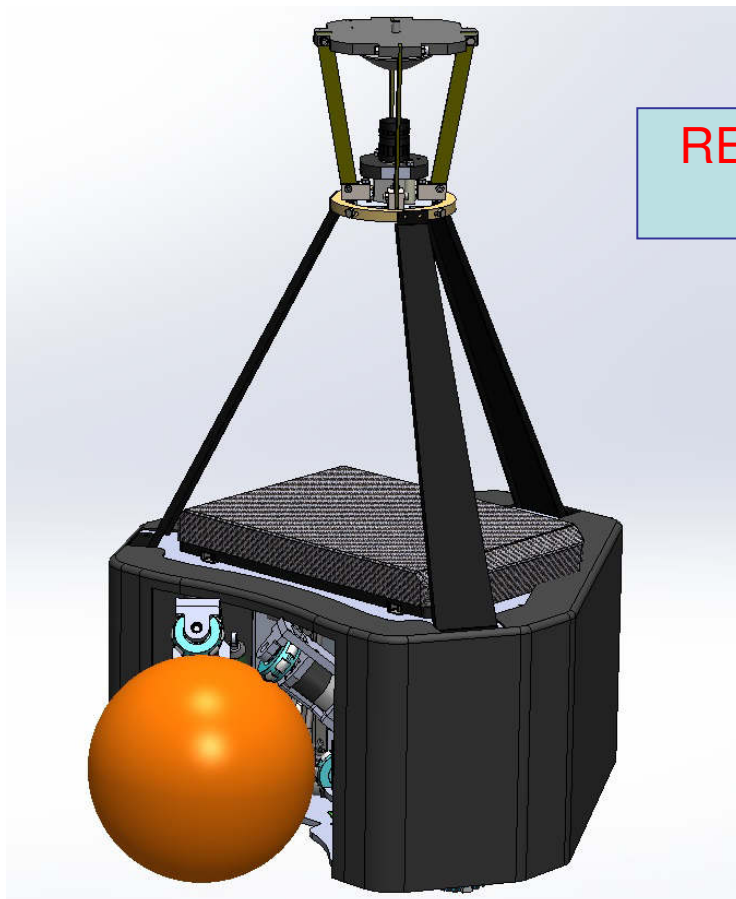
Laptop box without lid



Laptop slided to the front and opened allowing direct acces



External duming
protection
Black carpet
outside



READY TO
GO!!!