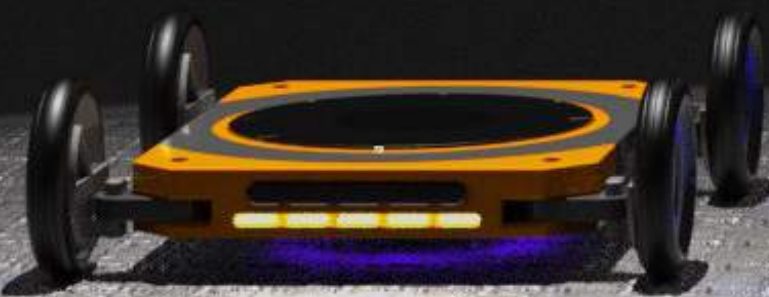




TOYOTA X AUTODESK FORKLIFT



PROBLEM

Forklift **roll-over** and **tip-over** account for about **24%** of all forklift accident.

According to "certifyme.net"

Excessive Load

Unbalanced Load

Uneven Surface

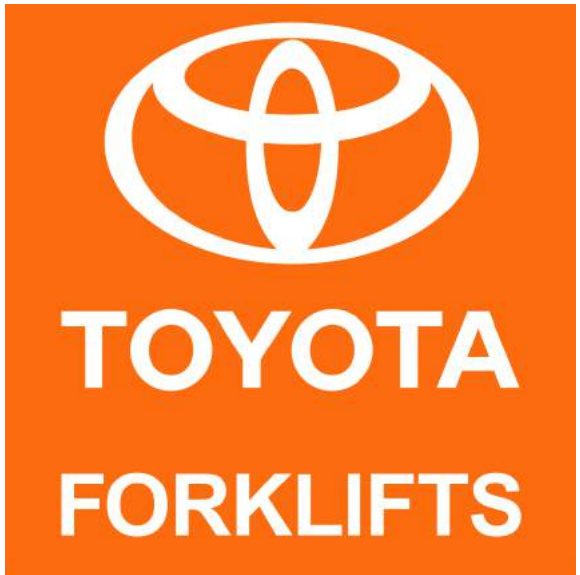
Accelerating Too Quickly

Turning Too Quickly

Sudden Braking



BRANDING & VISION



What We Do For You

We help you maximize your warehouse space, protect your employees, prevent inventory damage, and reduce downtime so you can save time and money.



Save Time



Save Money



Protect Employees



Reduce Downtime

We do more than just help you lift and move.

We know better than anyone that moving goods quickly and efficiently is essential to the American economy. We're your one-stop provider for all material handling solutions.

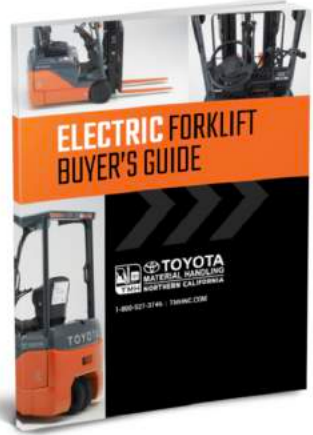


Our Values

Communication, Transparency, Accountability, Training & Development and Follow-Through

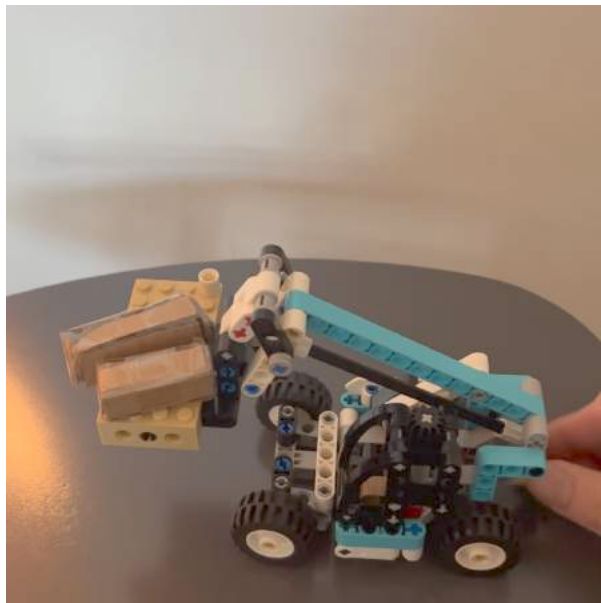
Our Mission

To be a sustainable, adaptable and innovative equipment and service provider by always creating the best possible experience for our customers, suppliers and associates. This has allowed us to expand our portfolio to offer Dock-to-Dock Material Handling Solutions.

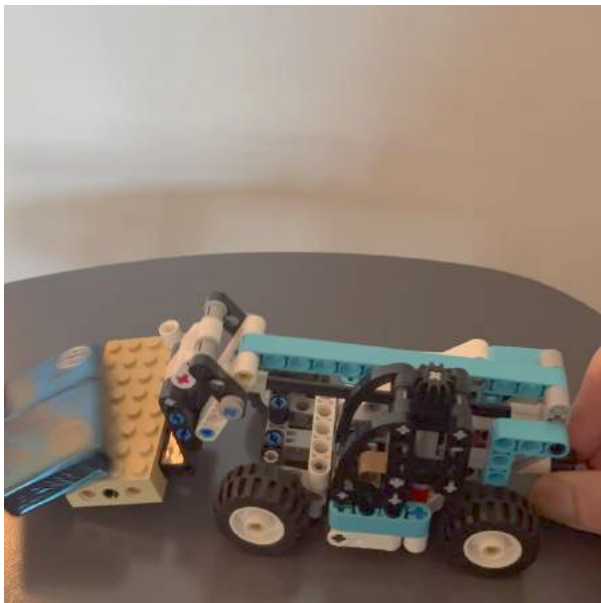


PRINCIPLES

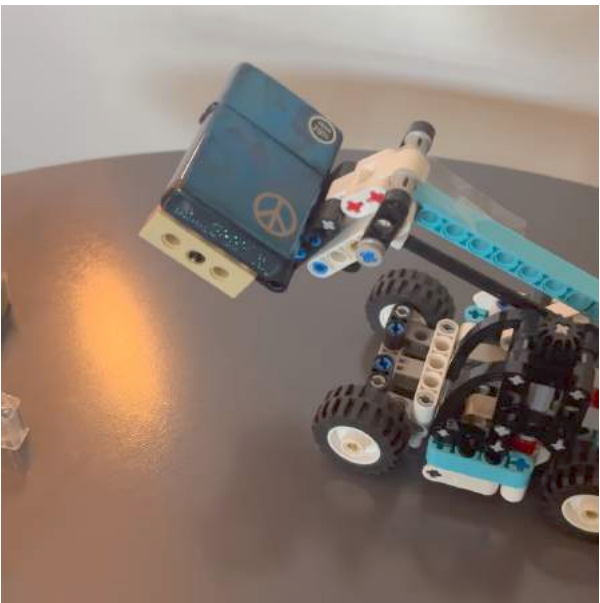
Regular Forklift



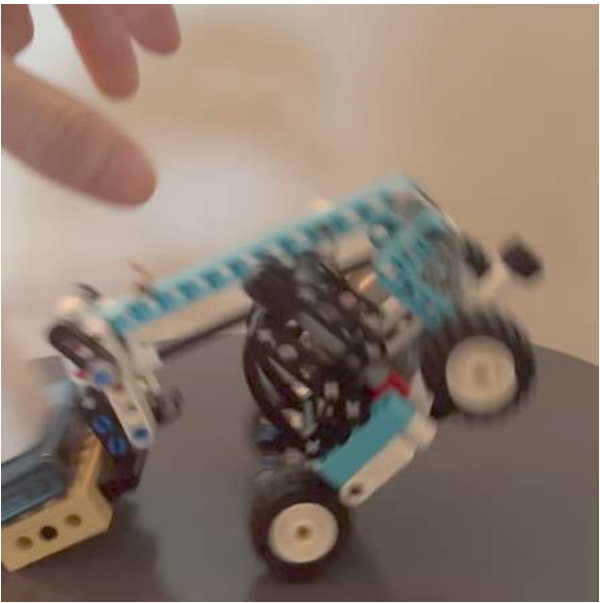
With Overweight Products



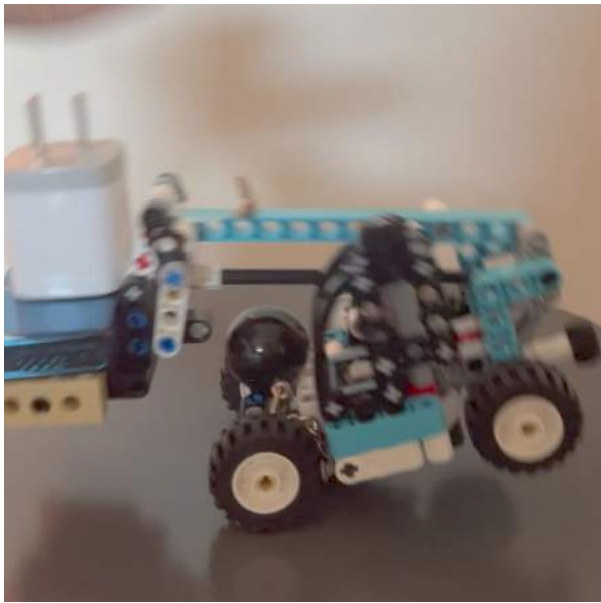
Fork Hinge Taped On Top



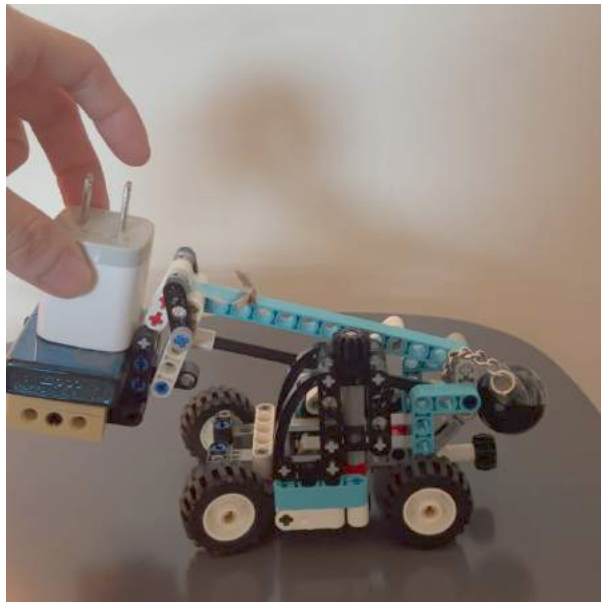
Tip Over



Adding Heavy Weight In Forward

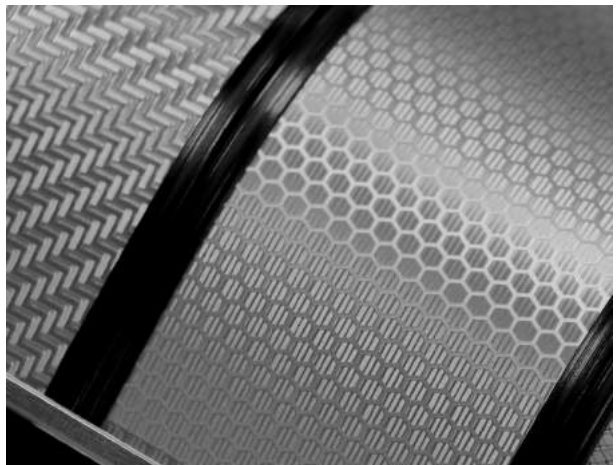


Adding Heavy Weight In Back Side

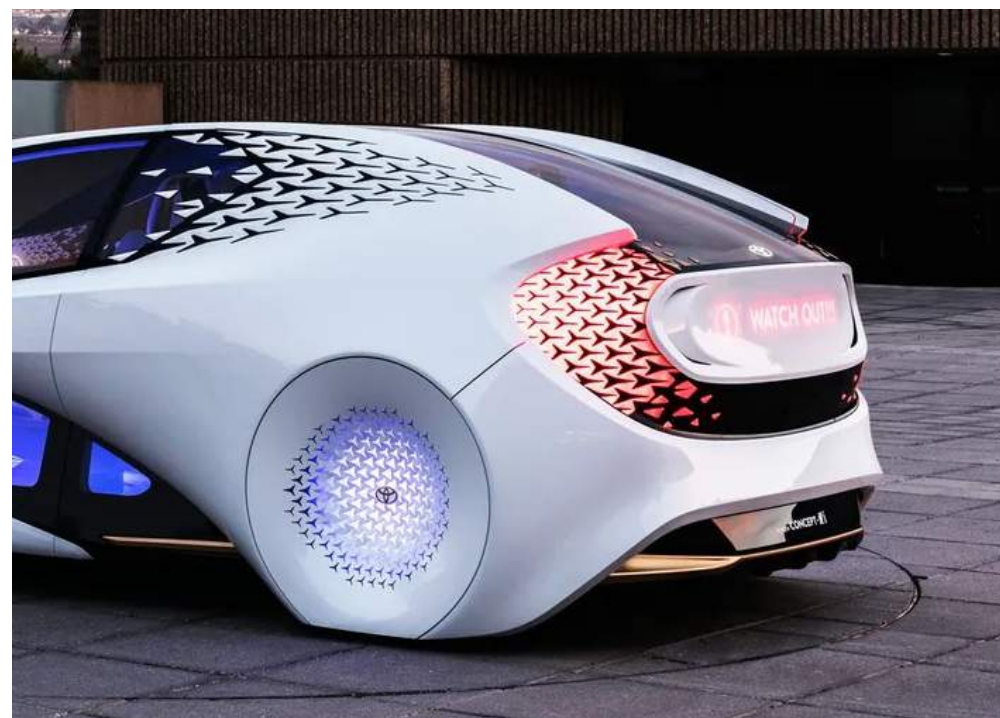
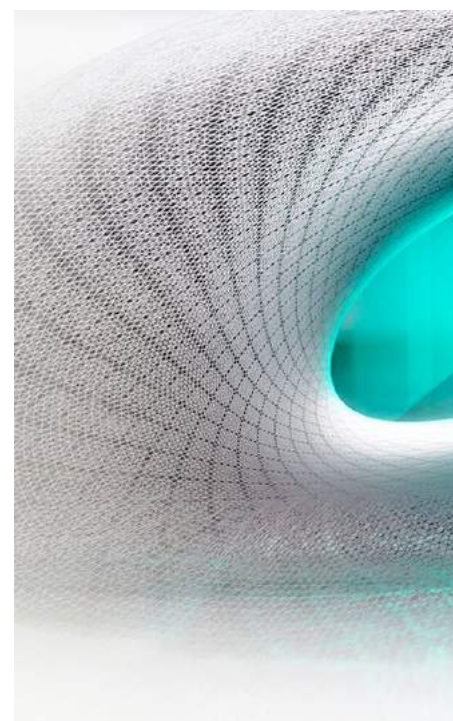


“BUT, WE CAN'T KEEP JUST ADDING WEIGHTS ON THE BACK.”

COLORS & MATERIALS



FORM INSPIRATION



NEW PRODUCT



1. FORKLIFT



2. WAREHOUSE TROLLEY ROBOT

DETAILS - DESIGN



2. TOYOTA DESIGN



CONCEPTS



1. BALANCING

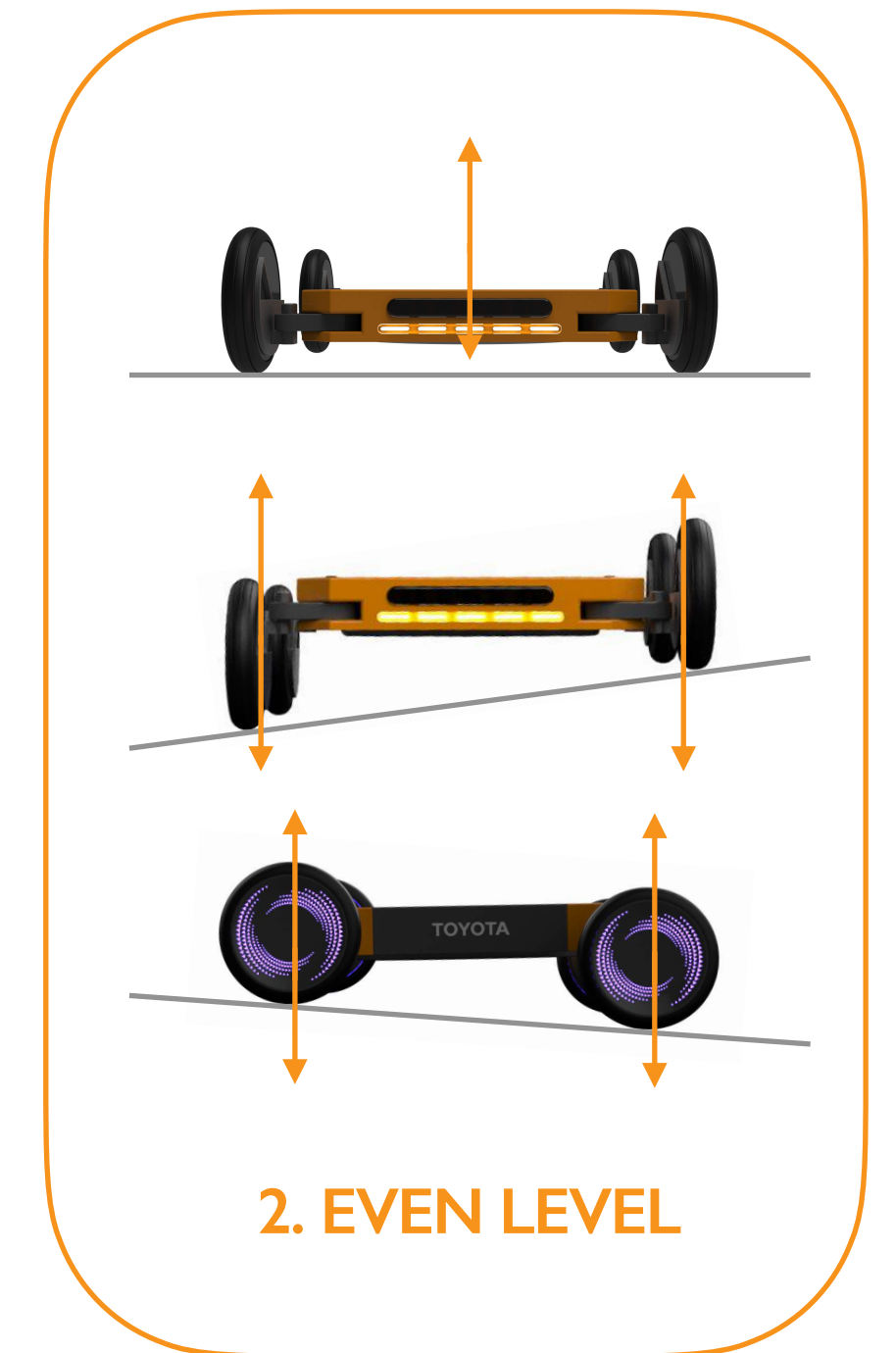
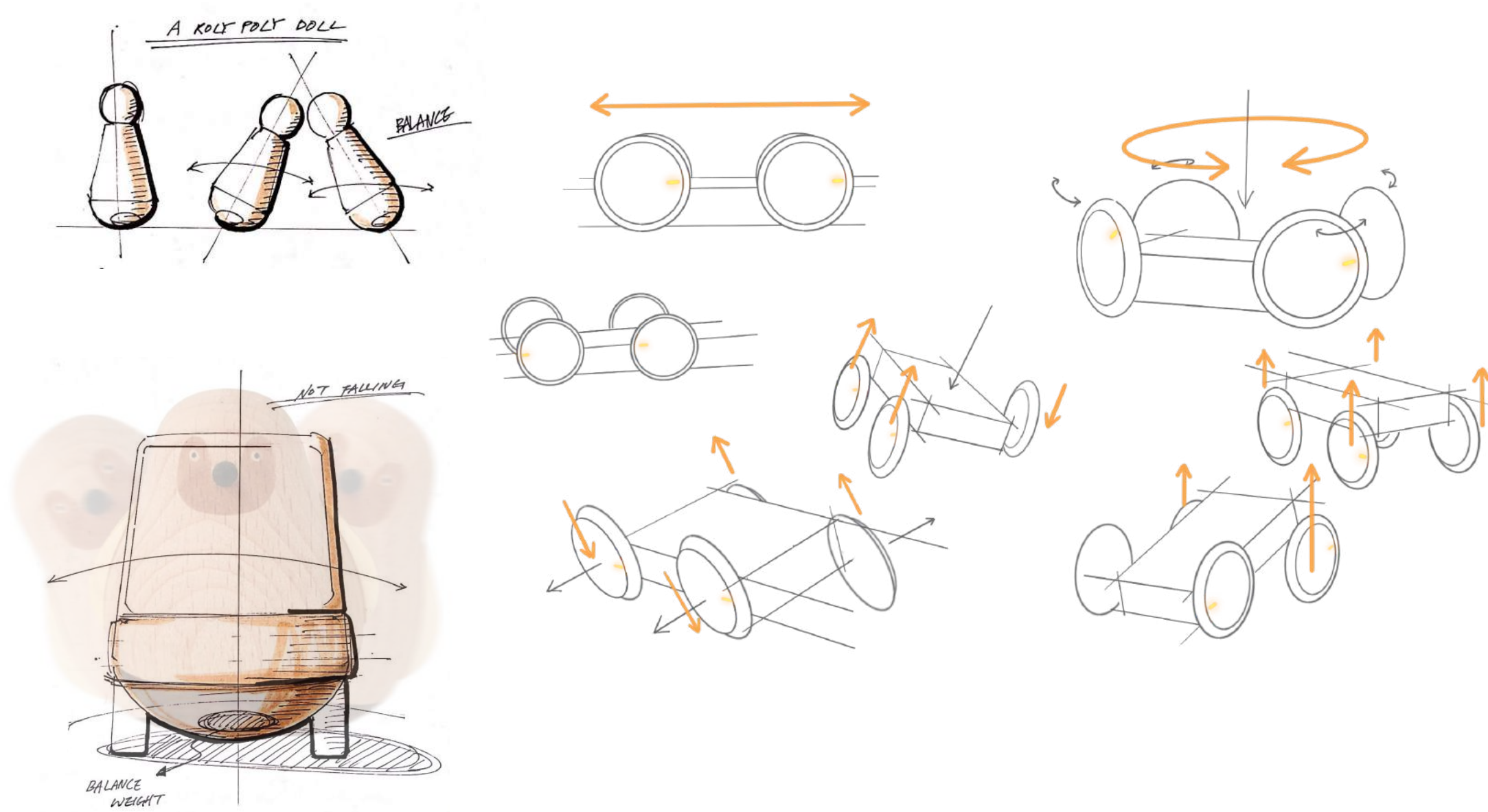


2. MODULARITY

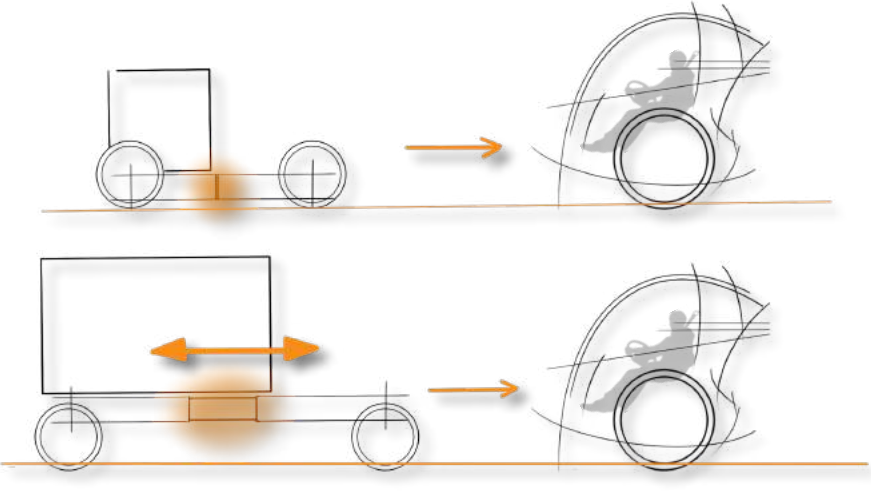
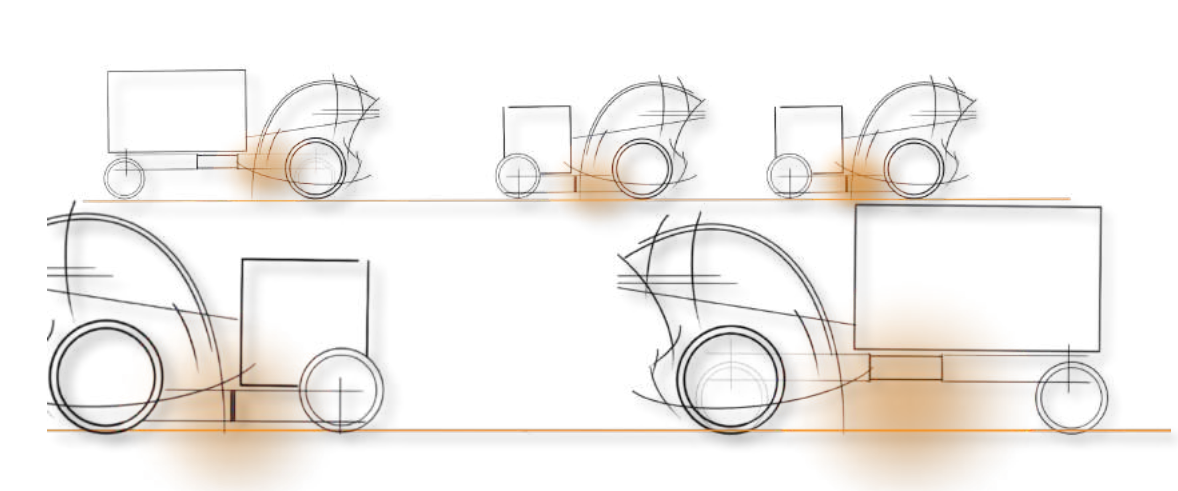
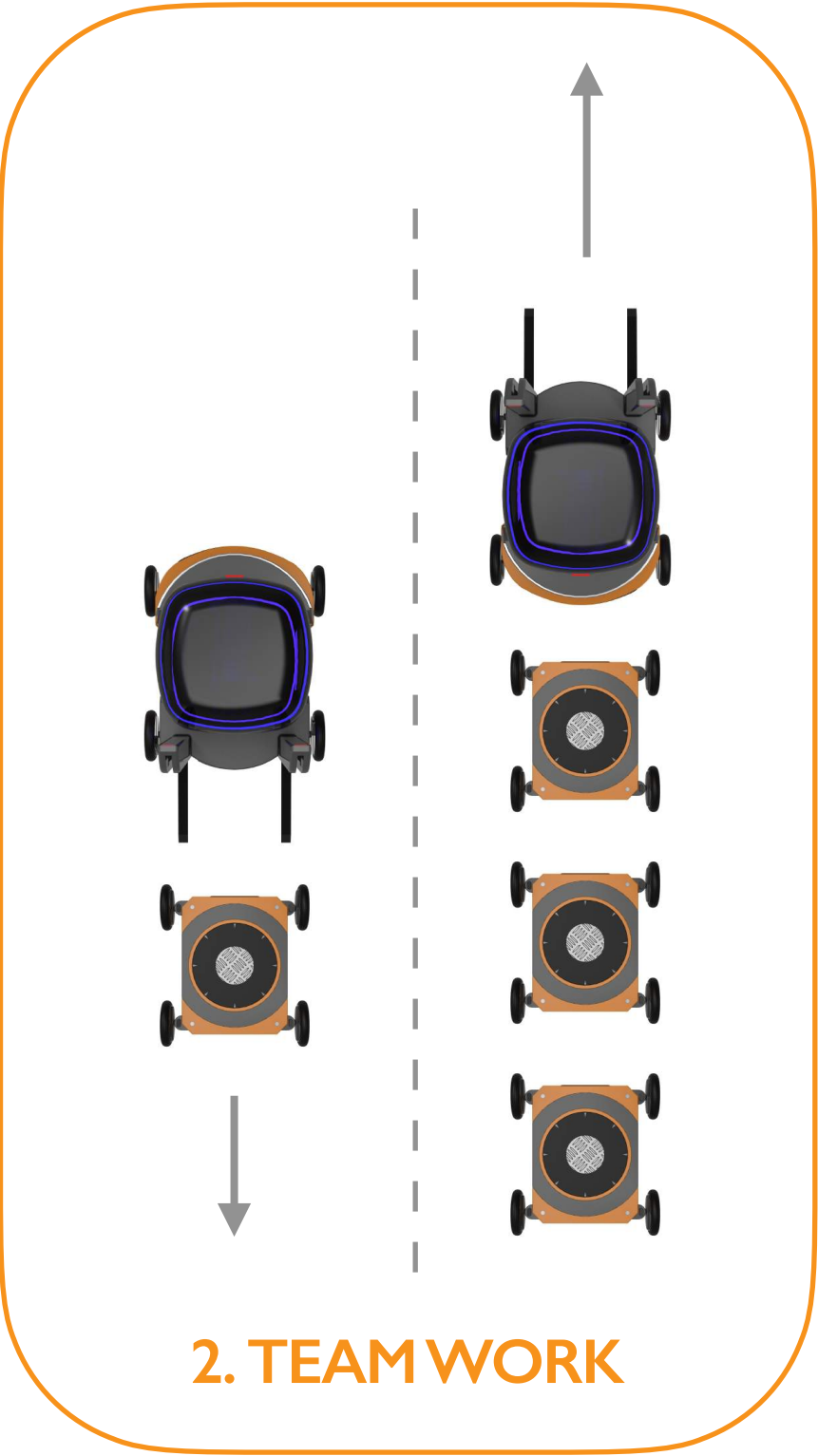


3. SMART AUTO-SYSTEM

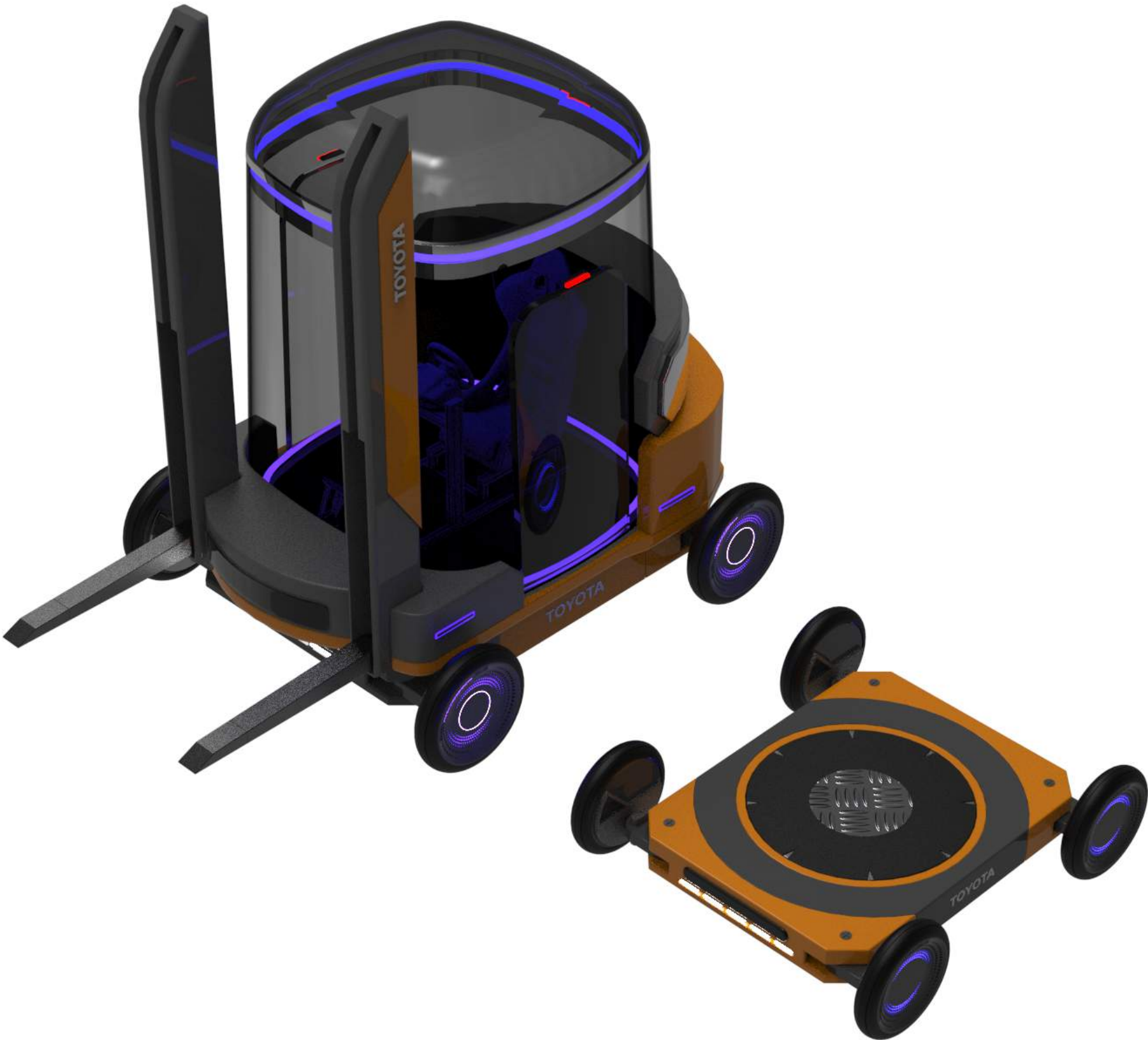
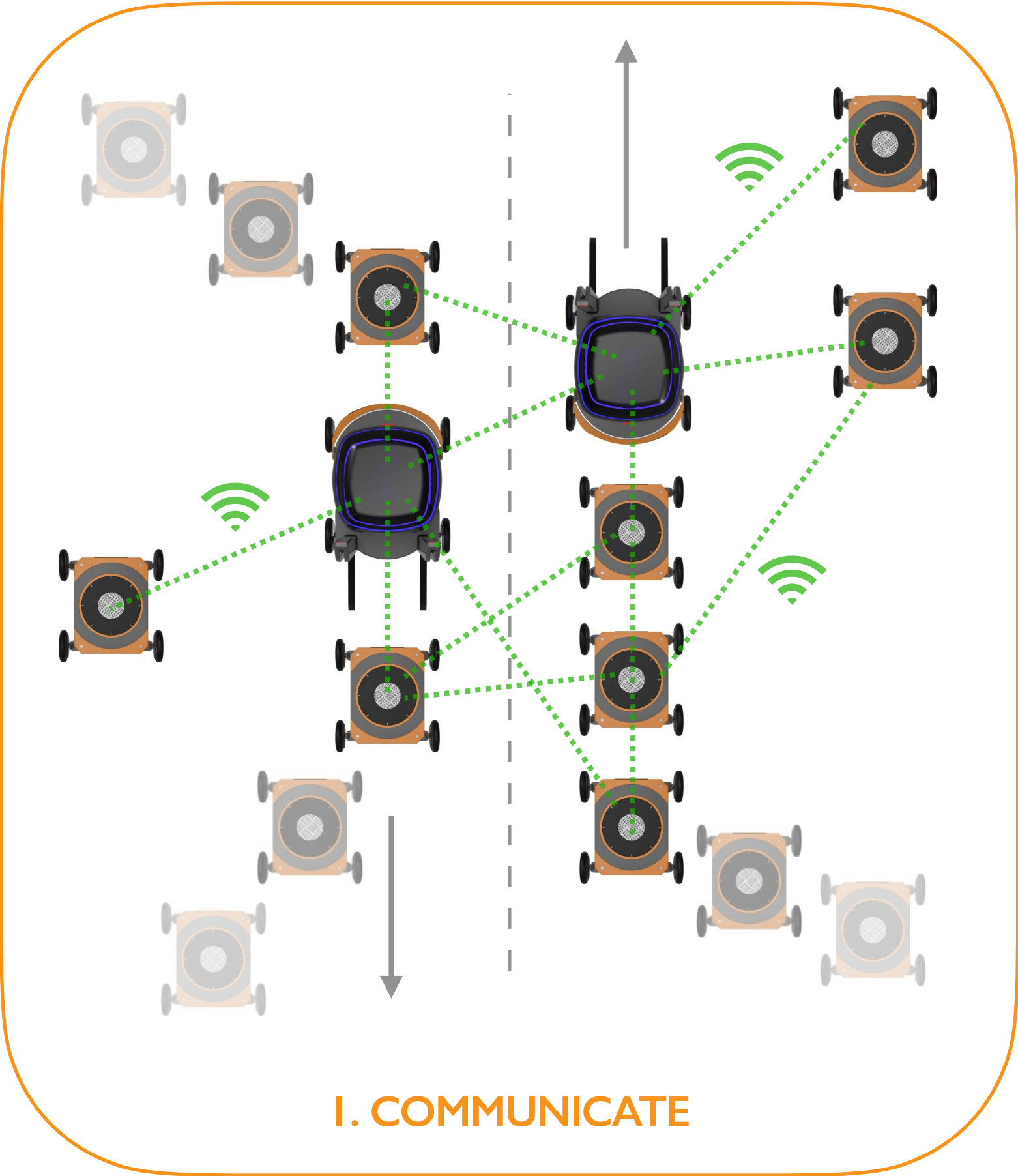
I.BALANCING



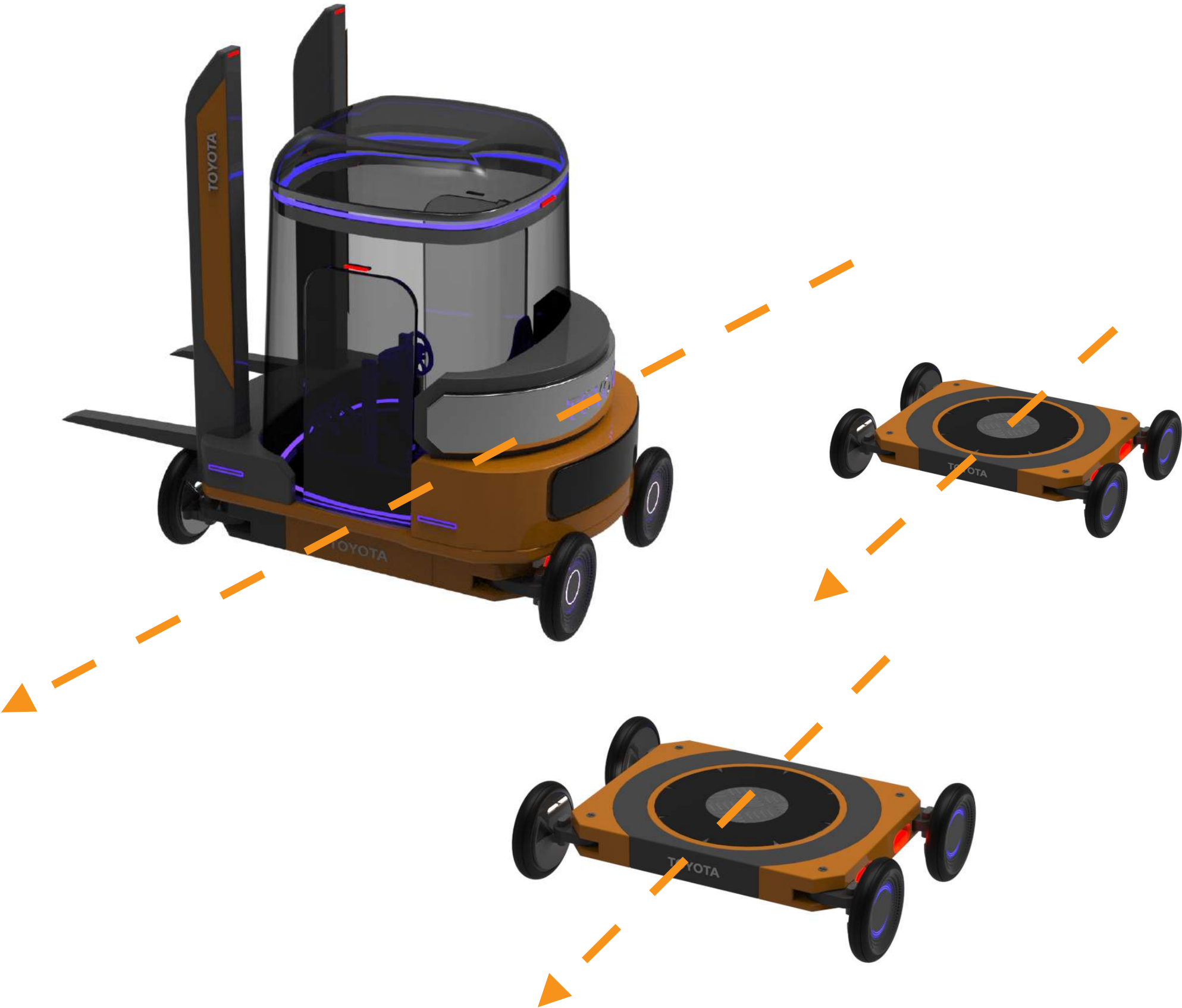
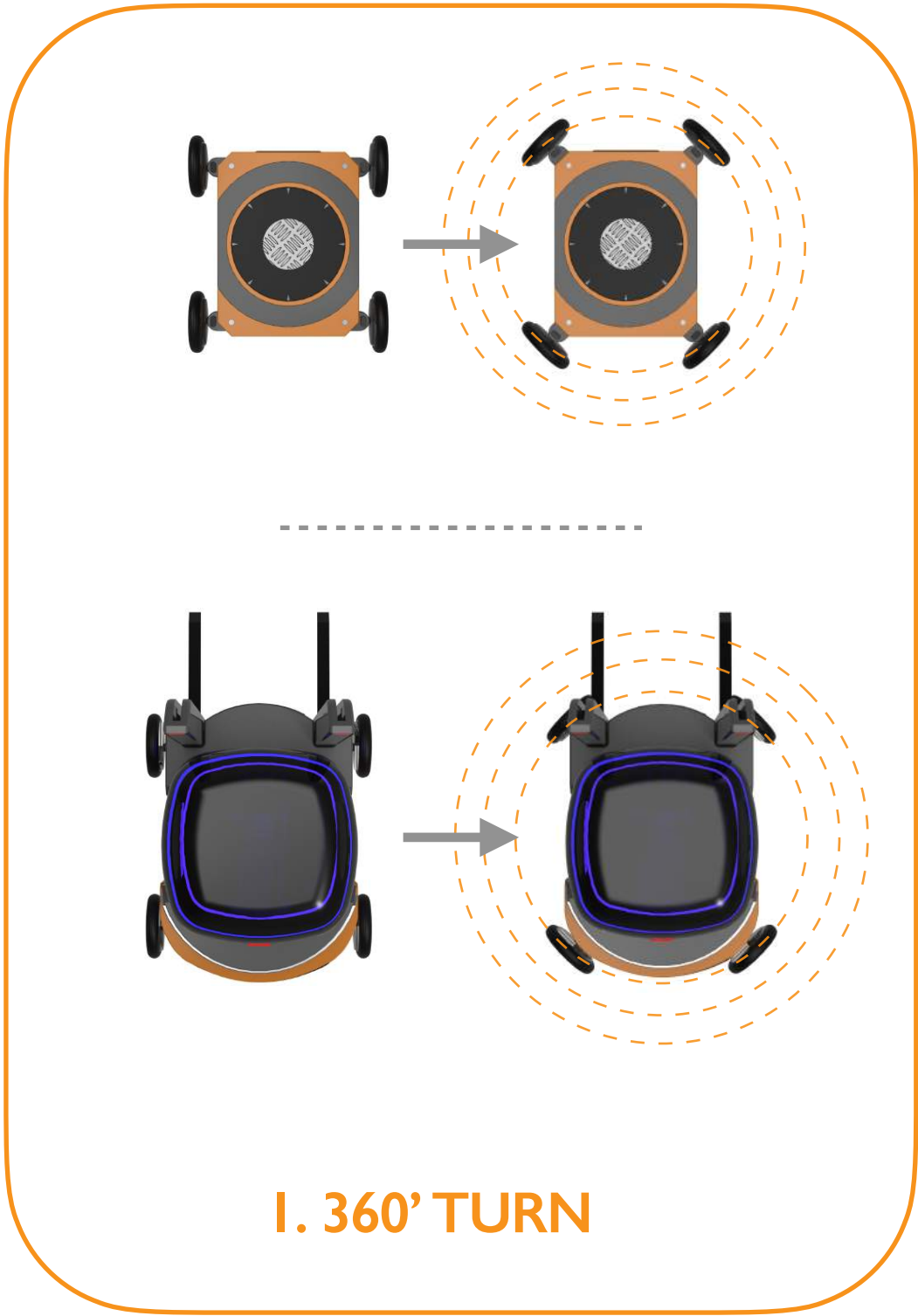
2. MODULARITY



3. SMART AUTO-SYSTEM



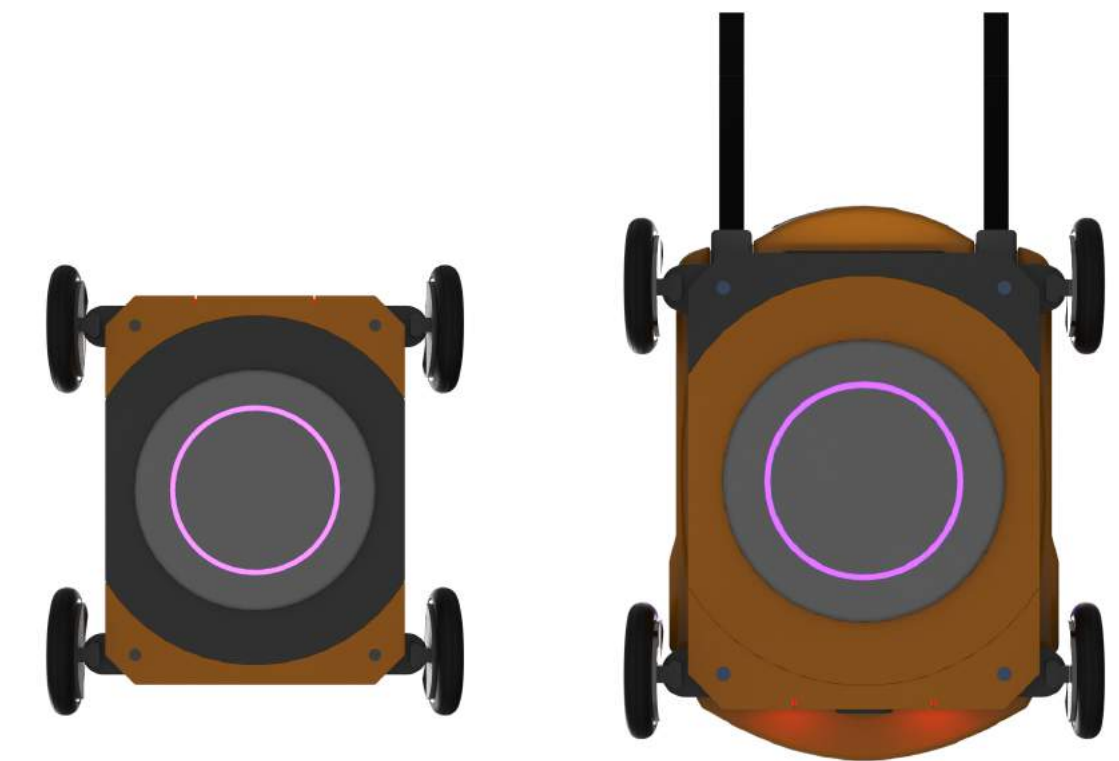
FOUR WHEELER MOVEMENT



DETAILS - LIGHTS



I. BOTTOM LIGHT



2. WHEEL LIGHTS

DETAILS - DEGITAL SCREEN



1. SIGNS



2. CONNECTION

DETAILS - SMART SENSORS

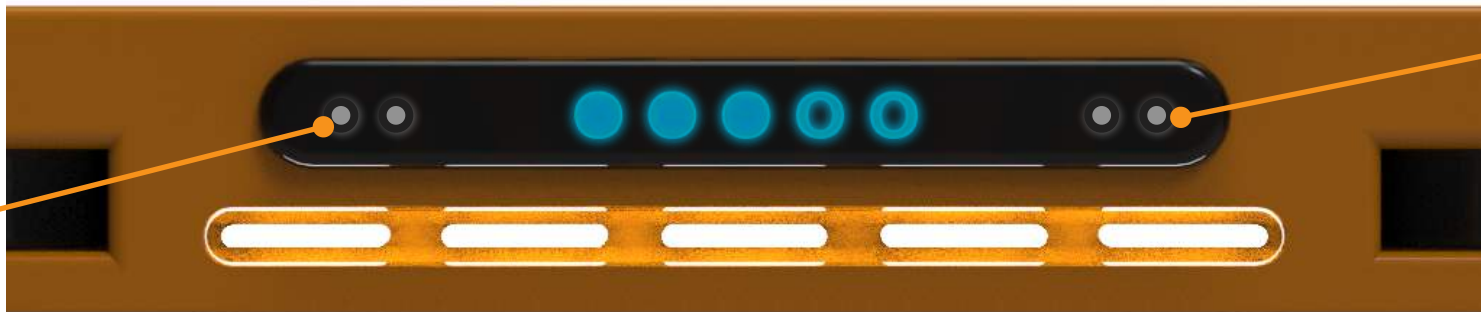
VISION CAMERA



LIGHT DETECTION
AND RANGING
(LIDAR)

(SAMELY LOCATED)

RADIO DETECTION
AND RANGING
(RADAR)

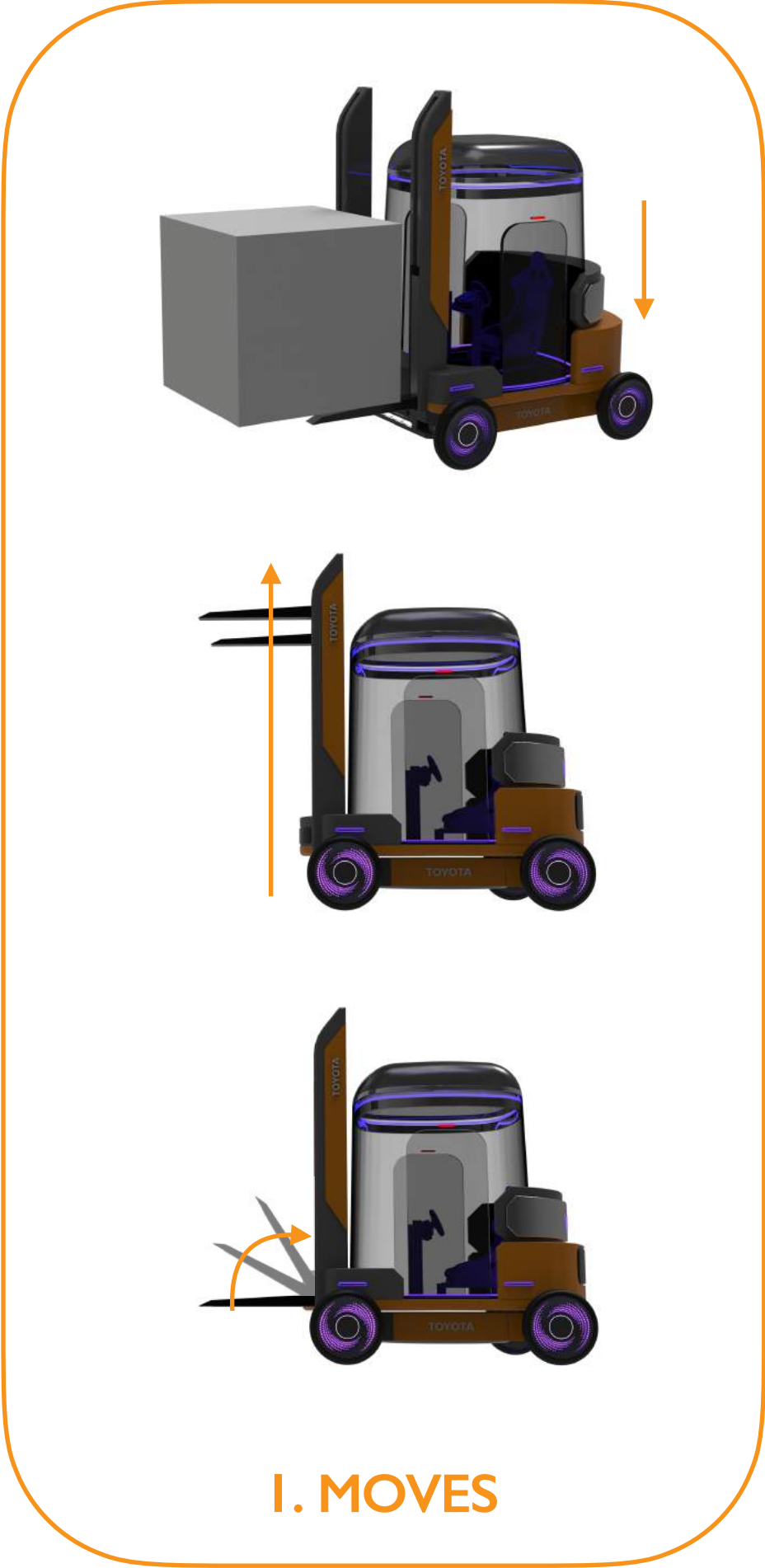
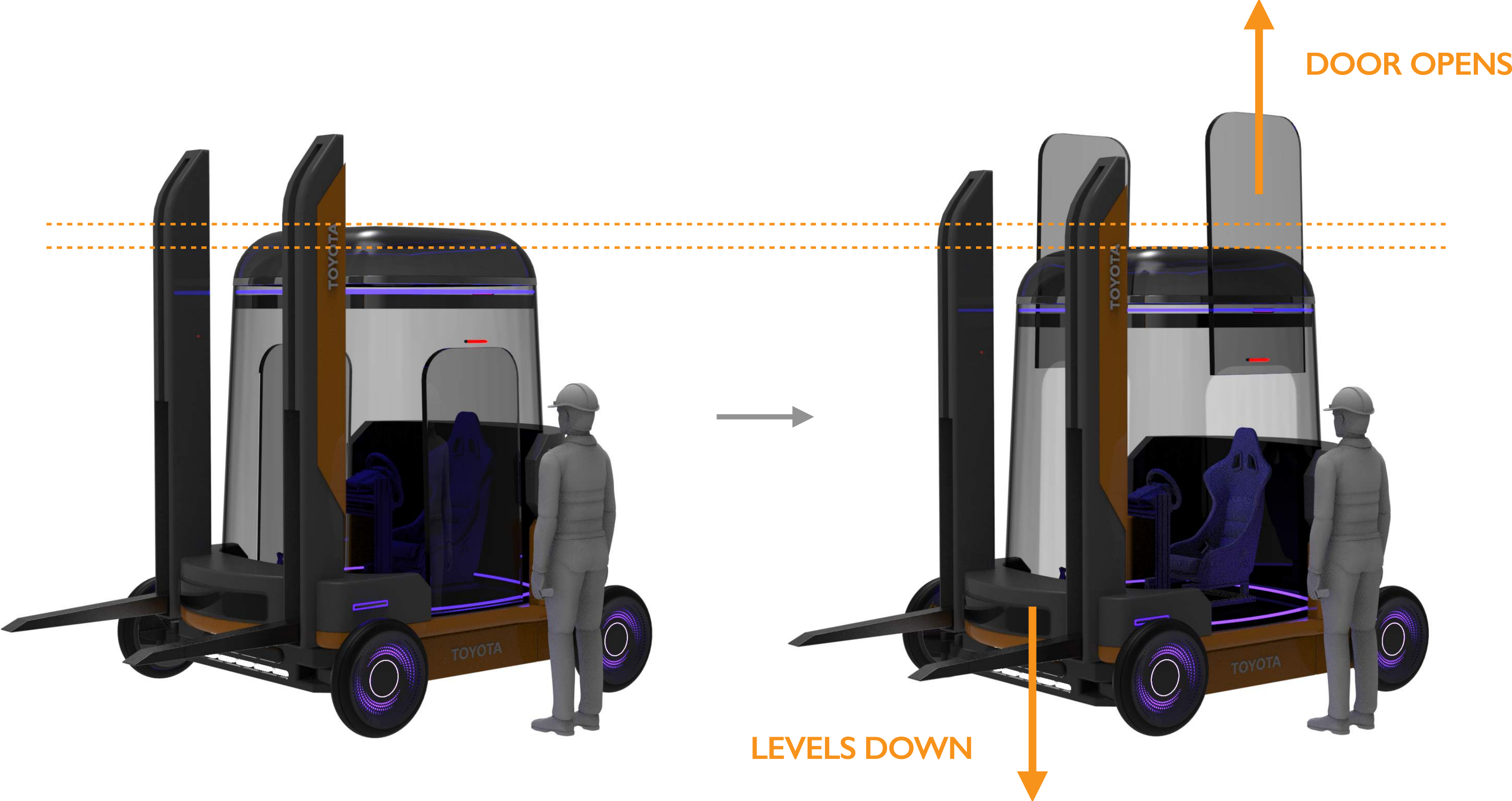


INFRARED SENSOR



I. AUTO-DRIVE

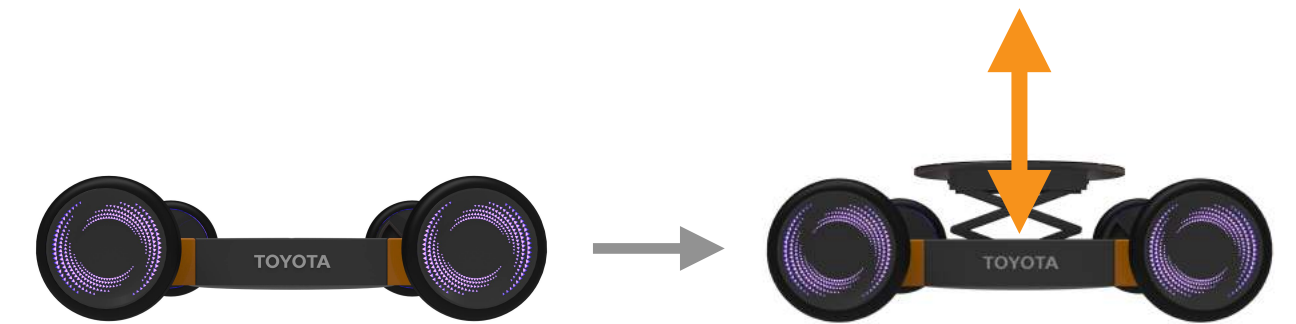
PRODUCT FEATURES



MORE FEATURES



I. TEAM-WORK



I. SCISSOR LIFT

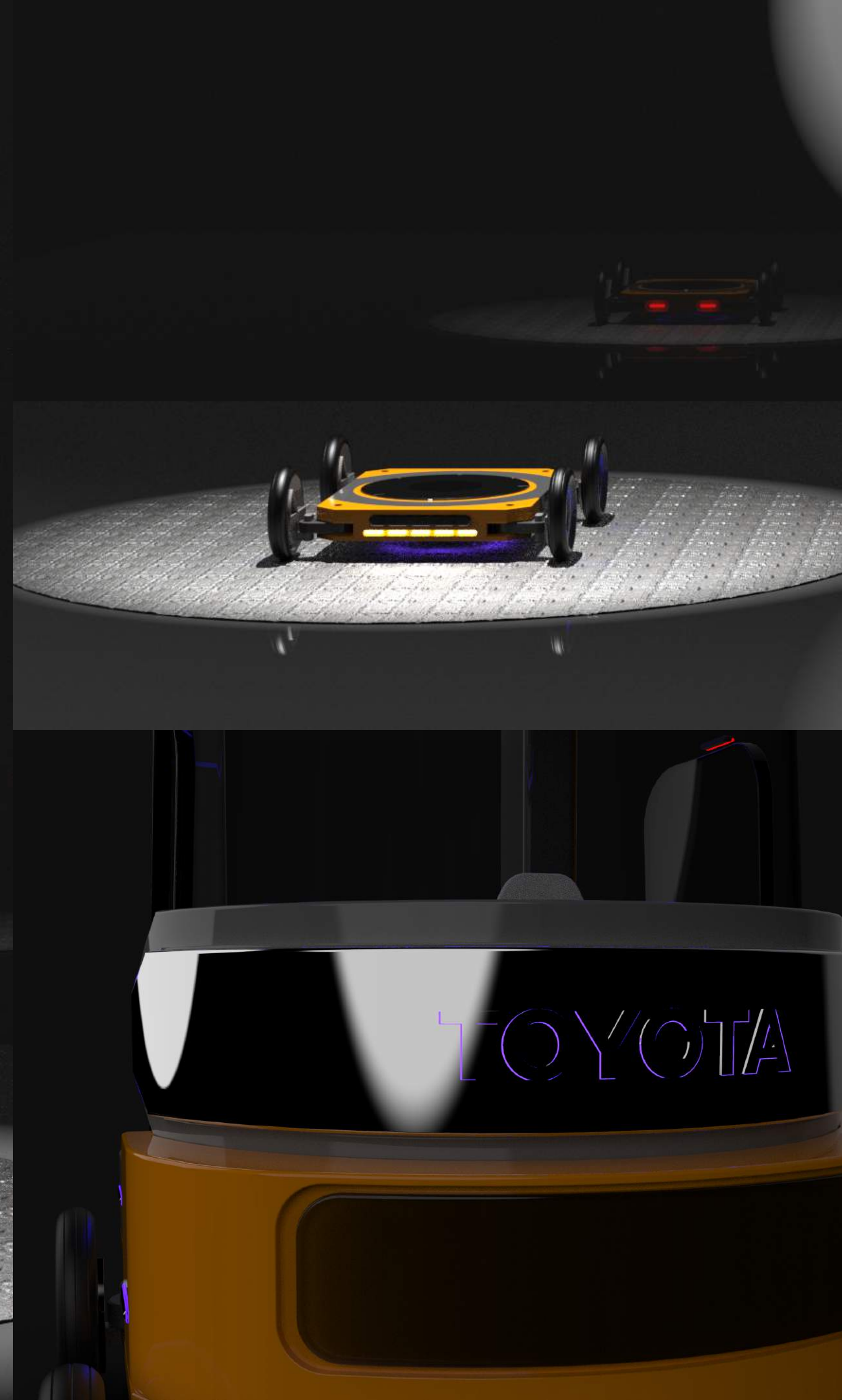
HERO SHOTS - NEW FORKLIFT



HERO SHOTS - WAREHOUSE TROLLEY ROBOT



HERO SHOTS - SHOWCASE



COMMERCIAL VIDEO



mkim9@cca.edu

THANK YOU