

# Product Output

## Product Outlook



The multiple sensors mounted on the MCR can accurately detect objects within a 300-meter range, enabling L5-level autonomous driving.

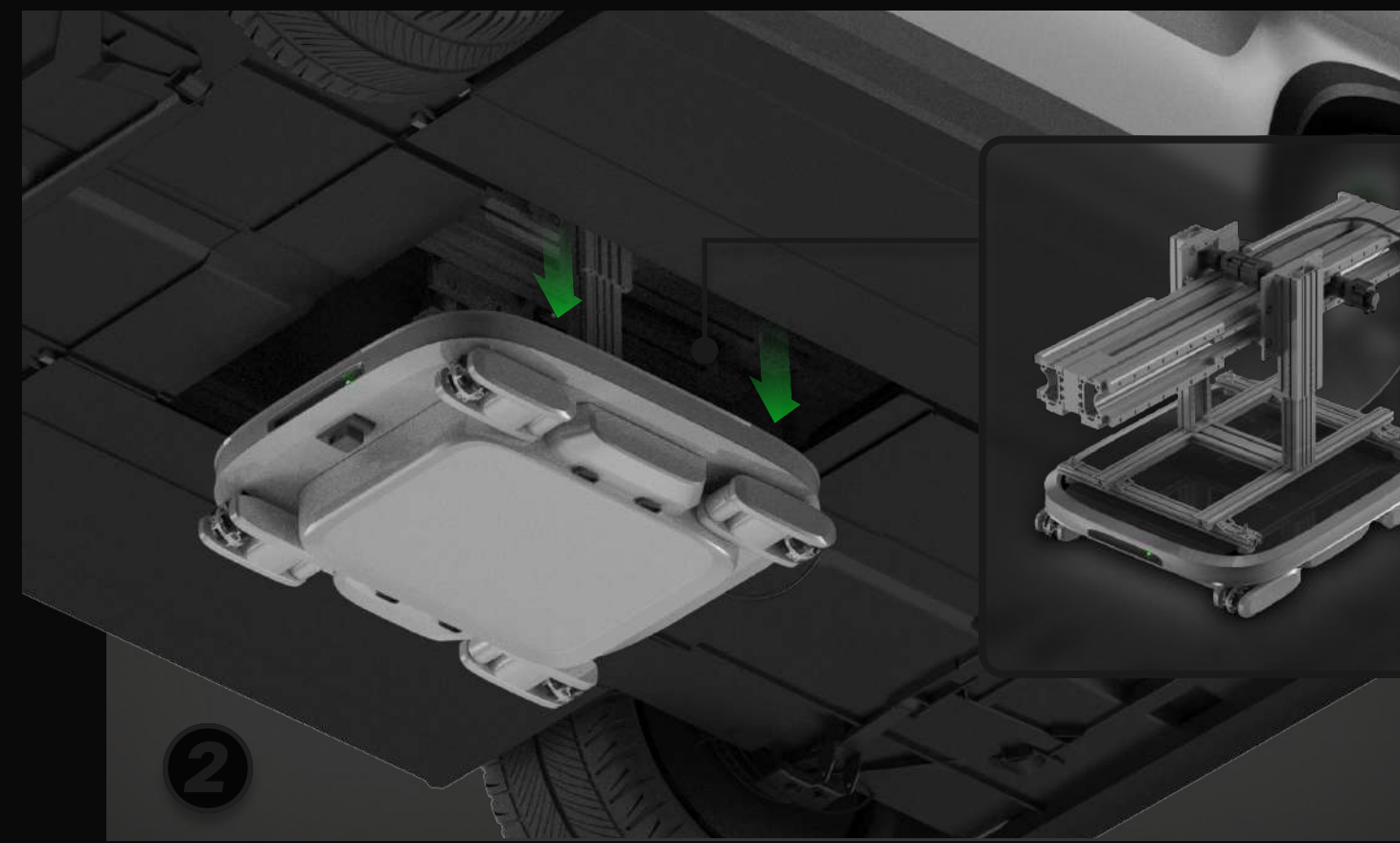


The front screen can display Mobile Charging Robot's operating states.

## Work Method



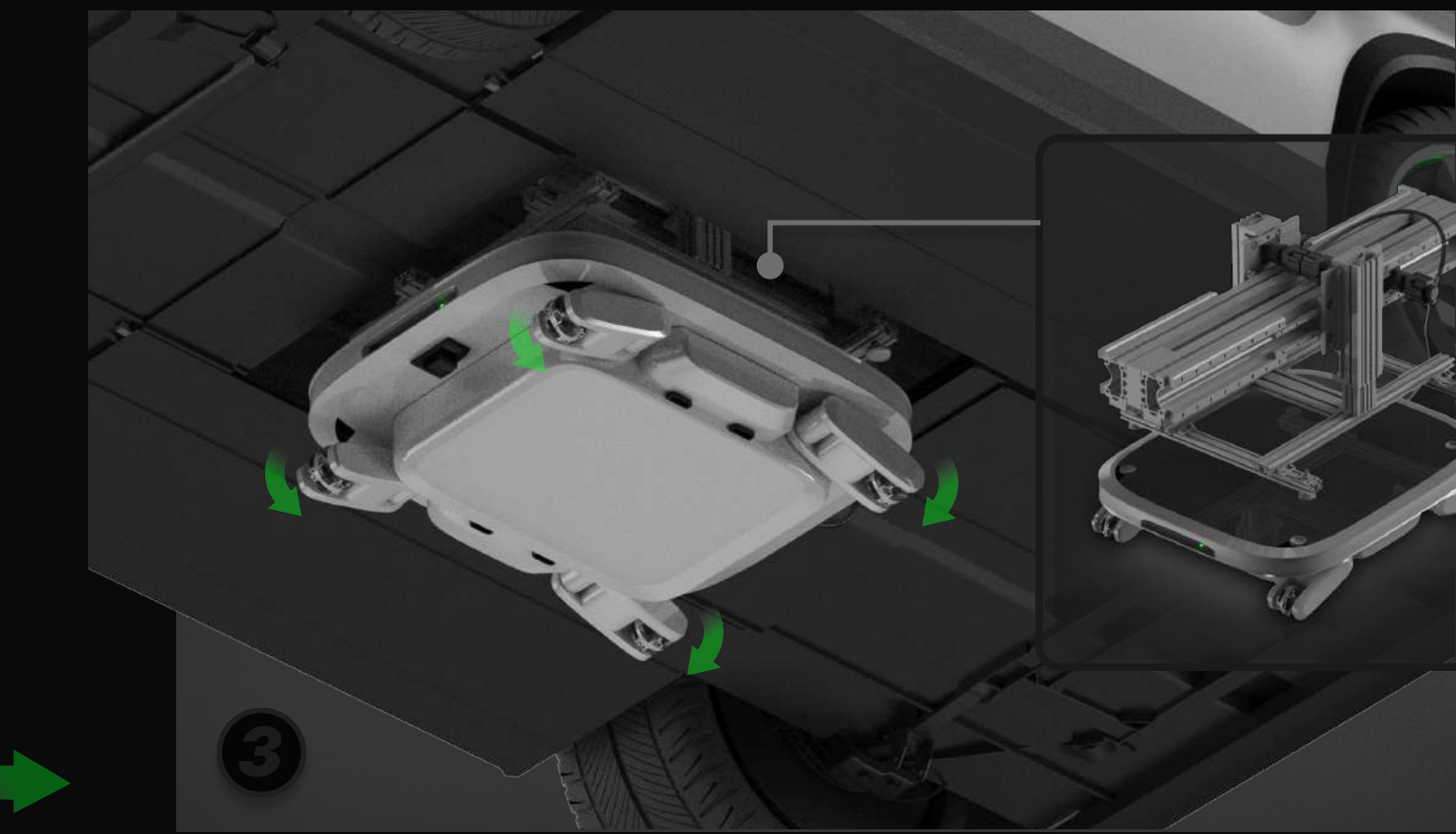
1 There is an accessible hatch at the bottom of the vehicle where the robot remains stationary under normal conditions.



2 Charging robots can be deployed via the truss structure.



4 The wireless charging robot adjust its location & attitude , then connects with target EV.



3 The robot can adjust its height by rotating its limbs, allowing for better alignment with the wireless charging port on target EV.



Mecanum wheels enable the wireless charging robot to move in any direction within a confined space.



A spare charging gun in the back is for vehicles that *have a malfunctioning system* or *can't charge wirelessly*.



The truss can lift the wireless charging robot through an interlocking structure.

