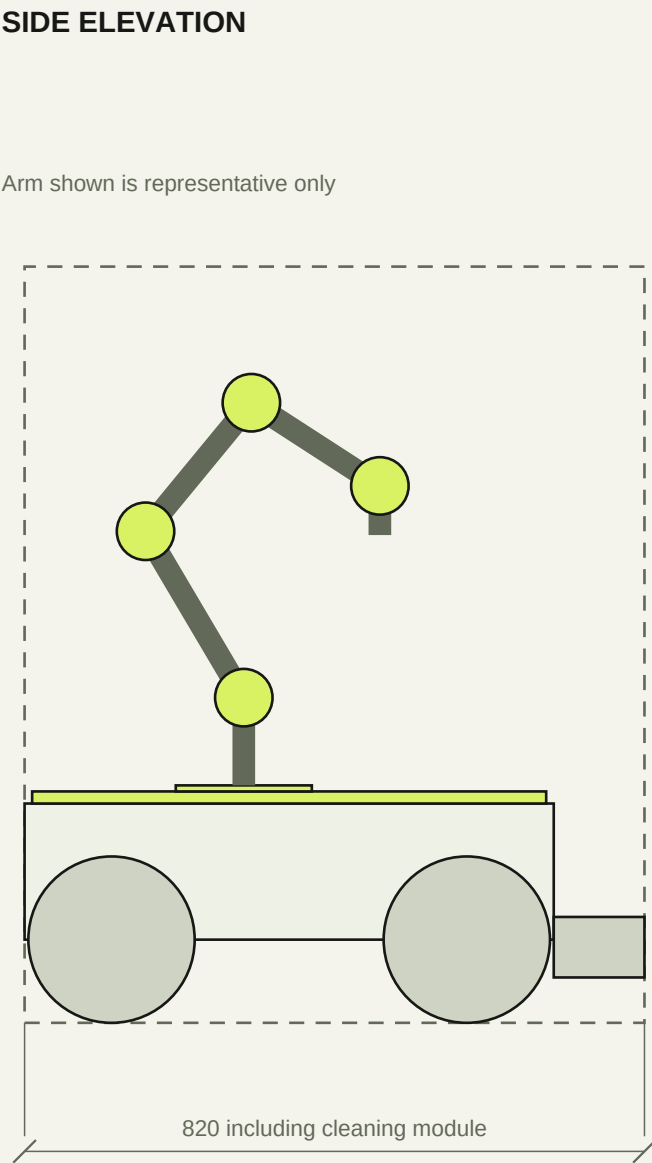
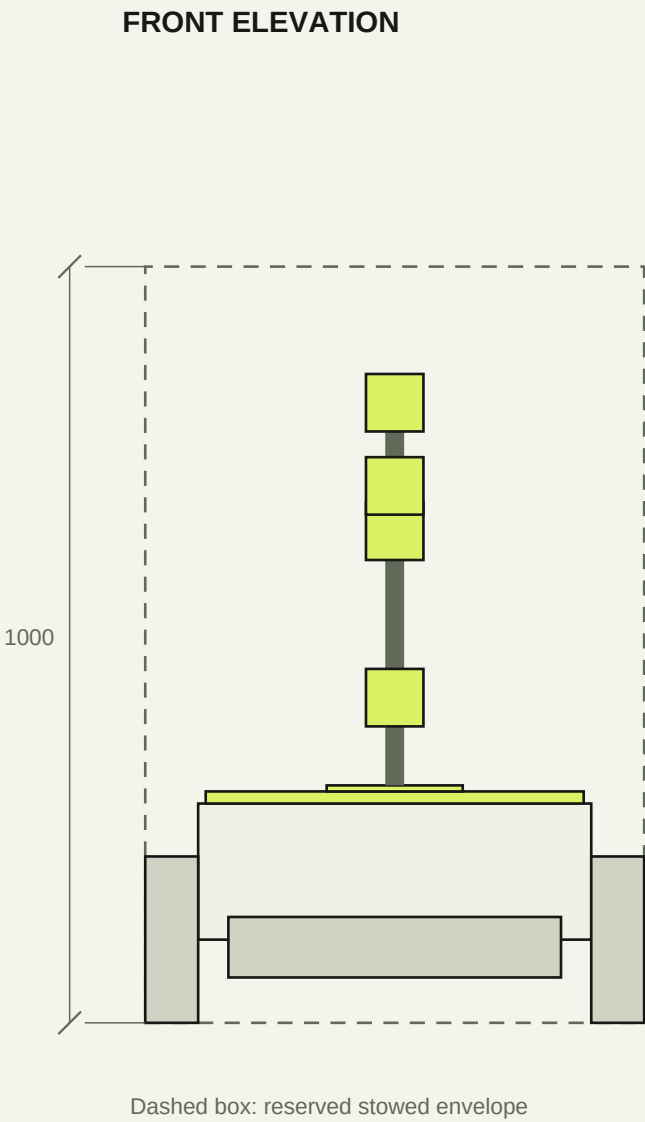
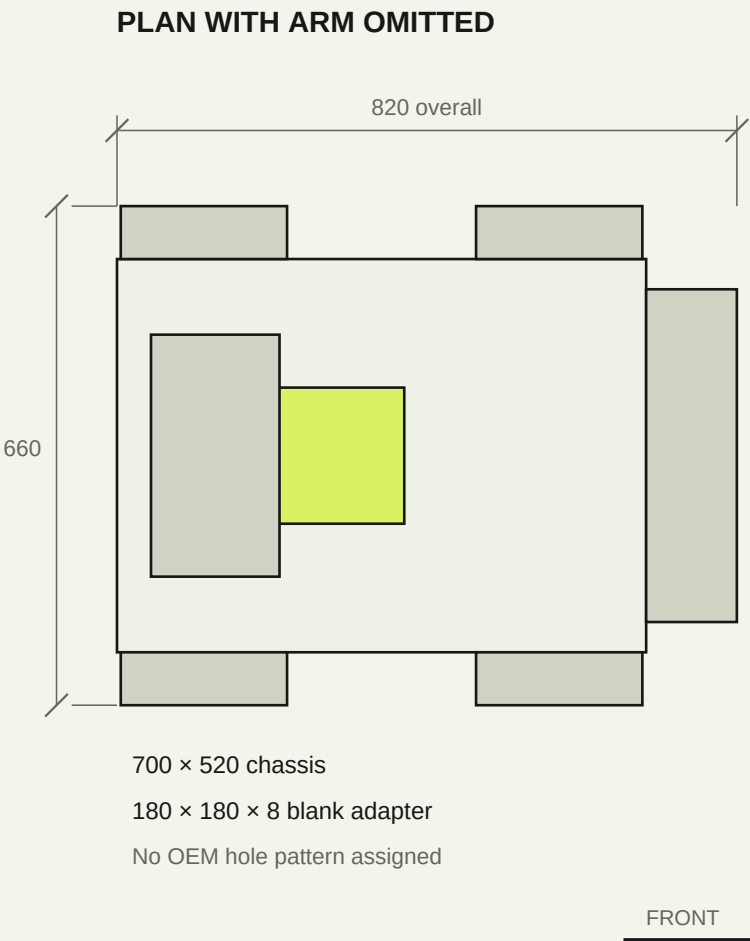


Mobile cleaning and yard robot with arm

CONCEPT / NOT FABRICATION VALIDATED

A3 landscape • Scale 1:10 at 100% print • All dimensions in millimeters



CONCEPT INTENT AND OPEN INTERFACES

Modular sequence: chassis and drivetrain → battery and controls → blank arm adapter → soft cleaning module → HumanHUD intent interface.

Wheel diameter 220; wheel tread width 70; chassis underside 110 above ground; cleaning module underside 60 above ground.

SO-ARM101 Pro is a candidate desktop prototype. Confirm the exact OEM plate, mass, cable paths and rated poses before any mobile integration.

No cutting blades specified. Arm loads, anti-tip margin, yard traction, docking behavior and stop circuits remain unvalidated.

Spatial layout only. Loads, stability, fasteners, wiring, ingress protection and collision clearance require engineering validation.

File set: mobile-arm.scad / mobile-arm.blend / mobile-arm.stl. Full-scale STL uses millimeters; a separate 1:10 maquette STL is provided.