

ASIMOV

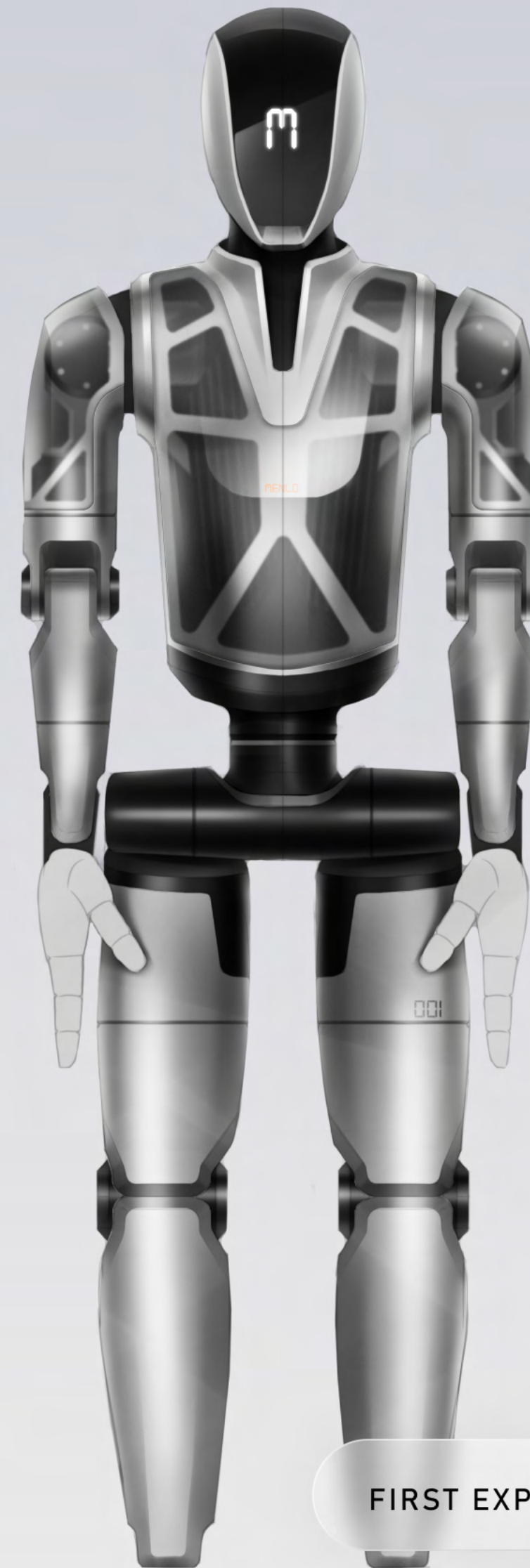
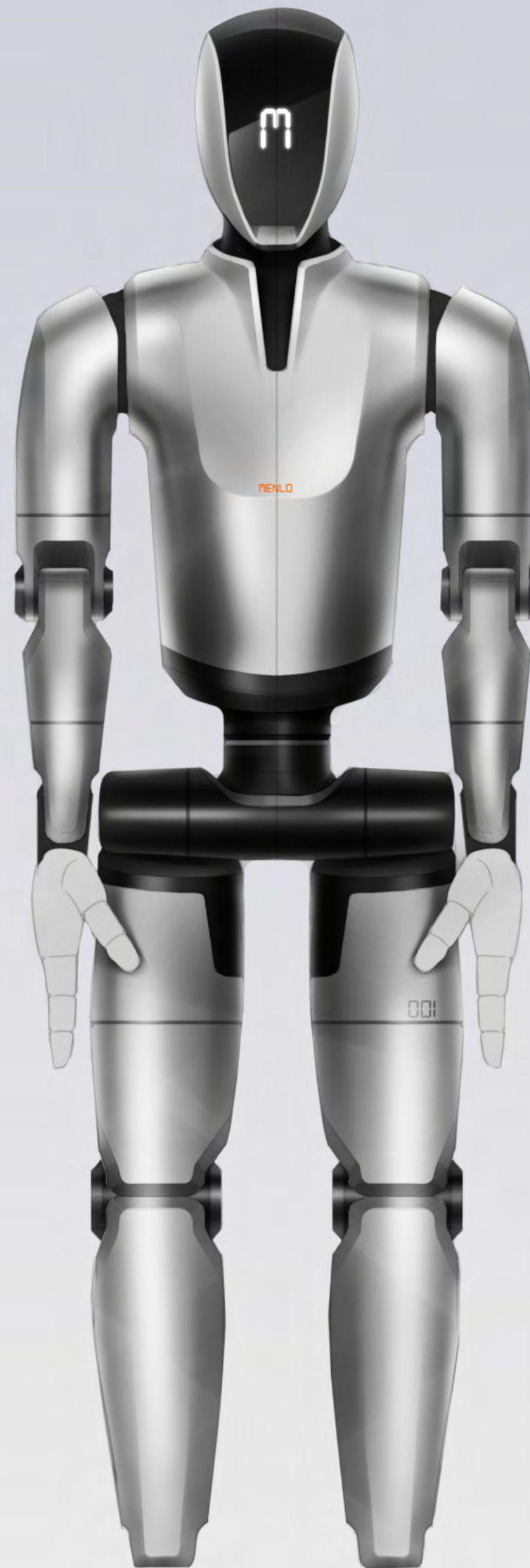
CONCEPTUAL DESIGN OF THE ROBOT IN FORM OF
SKETCHES WITH ATTENTION TO MODULARITY AND
PERSONALIZATION



FULL BODY

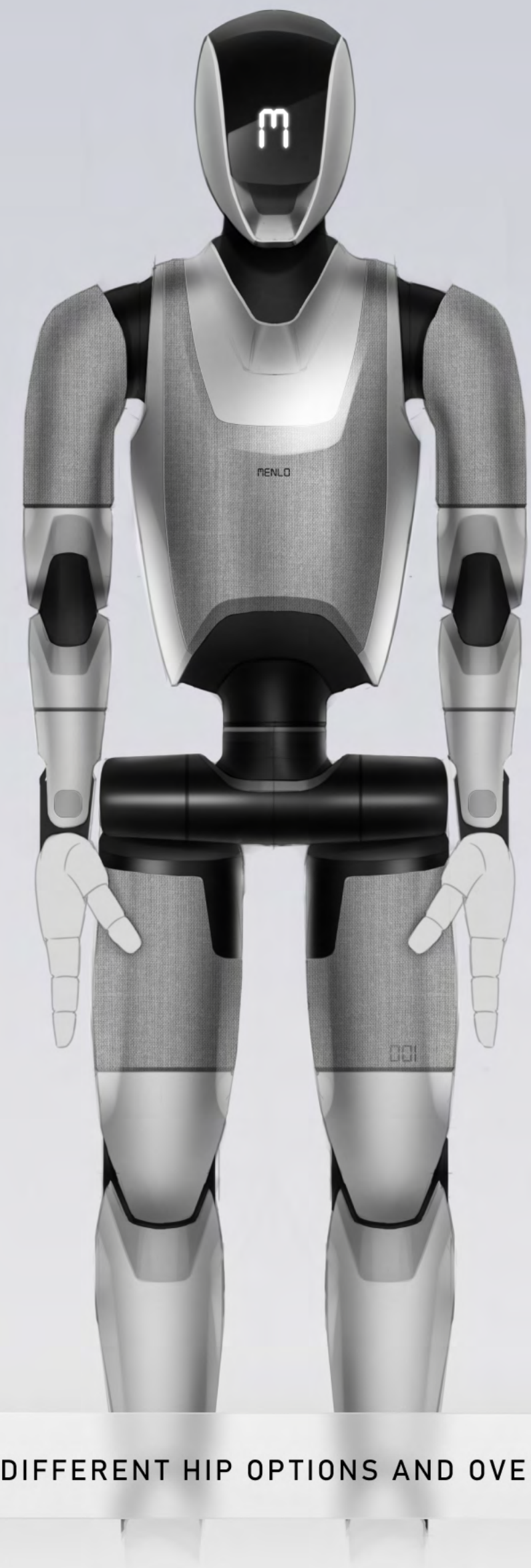
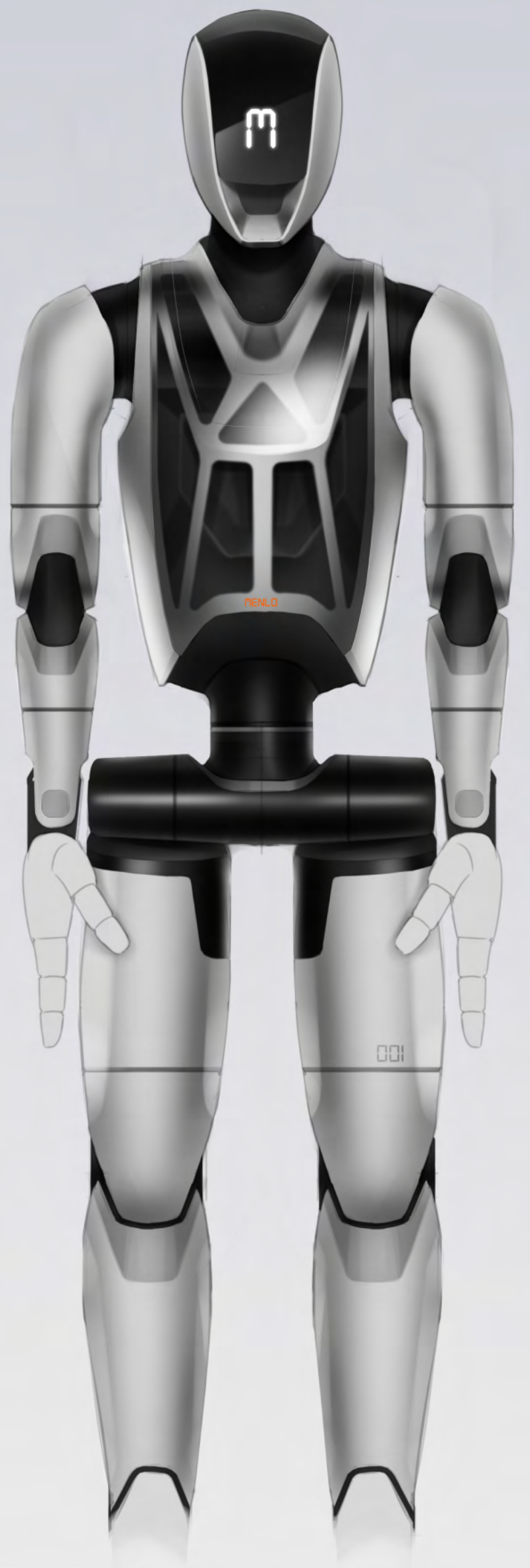
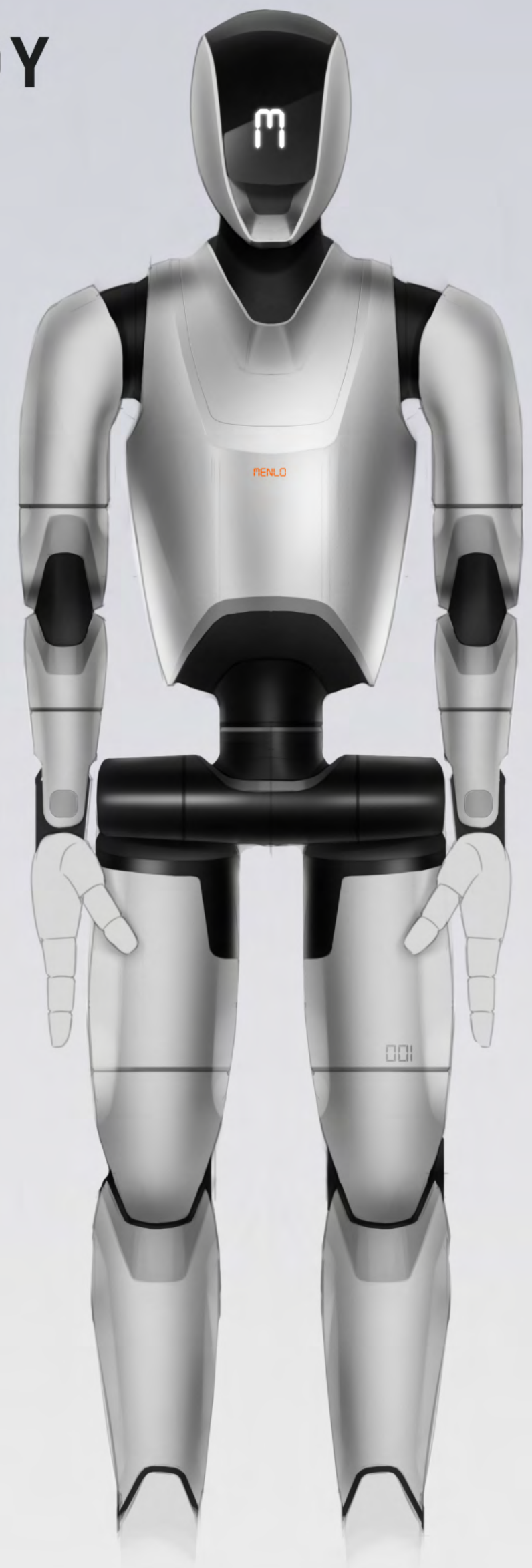


EXPLORING OPTIONS FOR SHAPES AND REMOVABLE PANELS



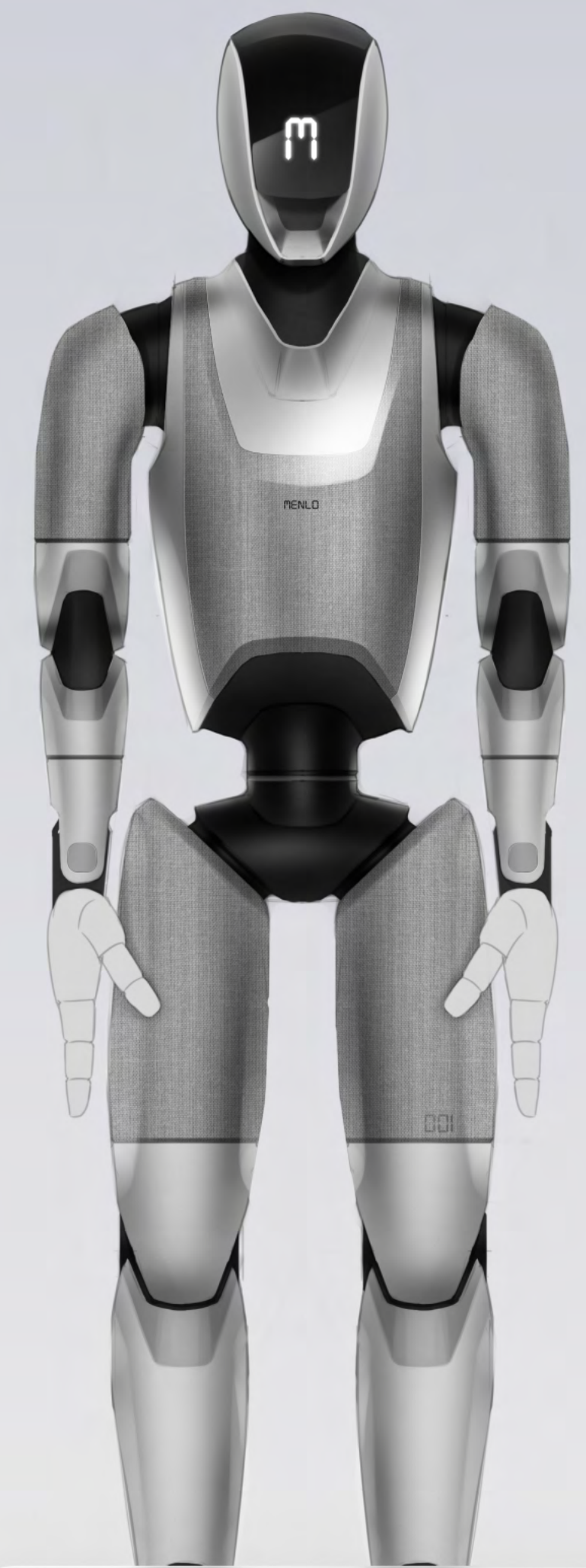
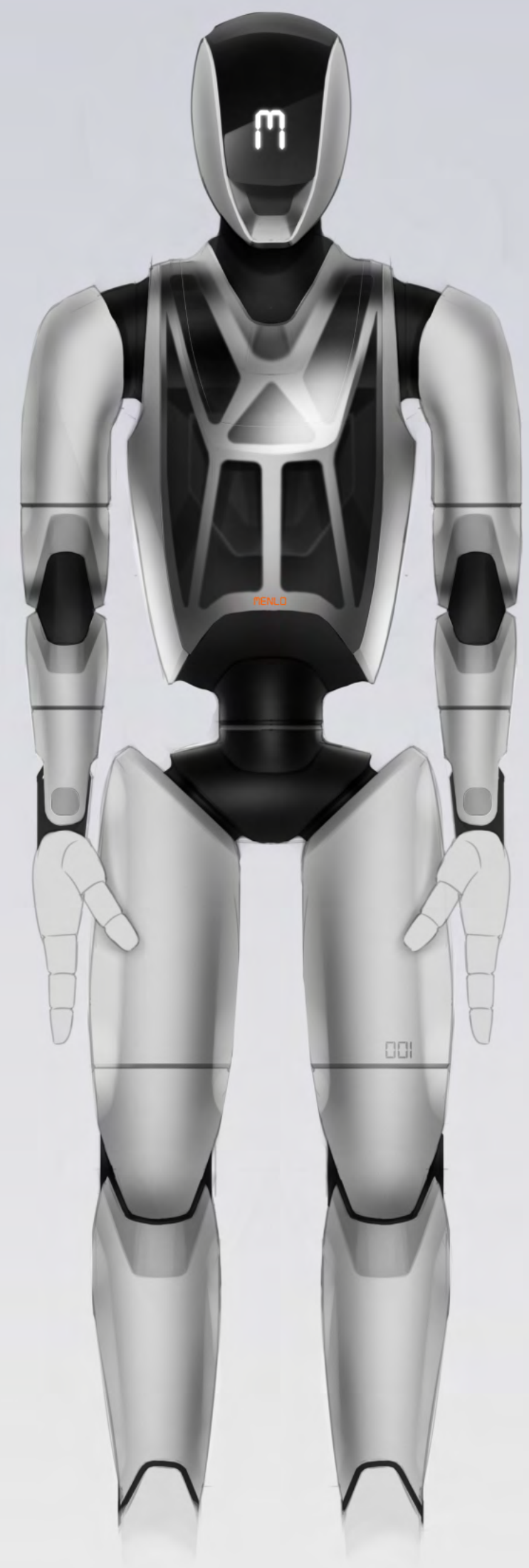
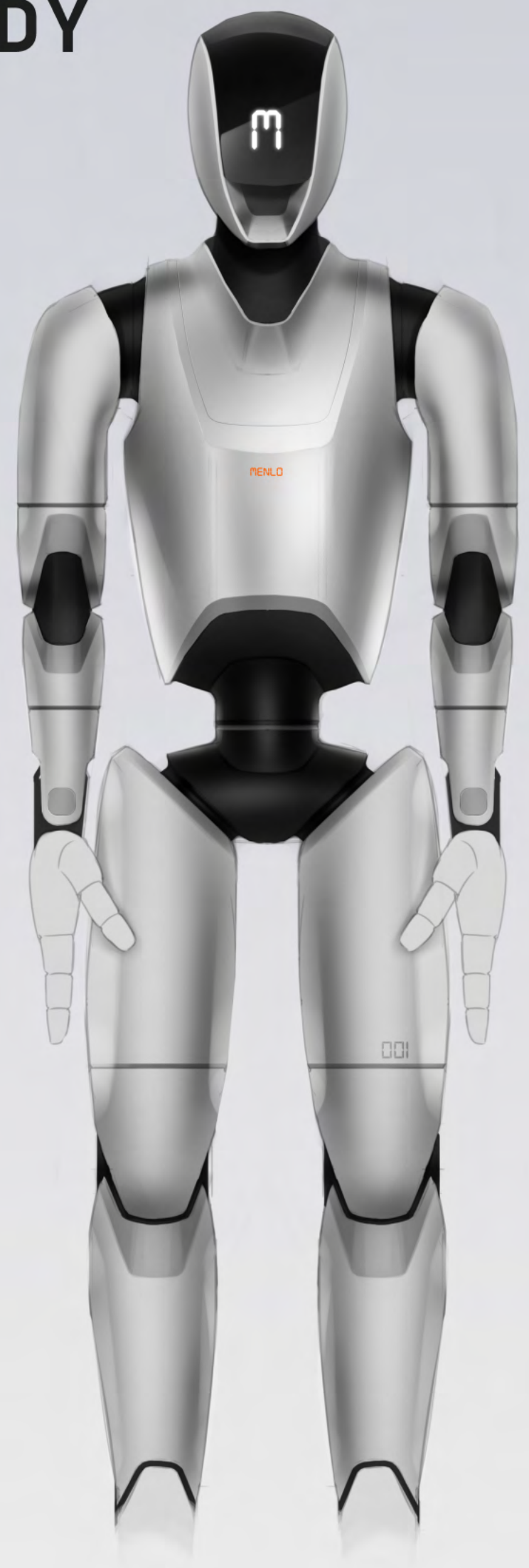
FIRST EXPLORATION FULL BODY SKETCHES

FULL BODY



EXPLORING DIFFERENT HIP OPTIONS AND OVERAL AESTHETICS

FULL BODY



EXPLORING DIFFERENT HIP OPTIONS AND OVERAL AESTHETHICS

FULL BODY



MORE REFINED SKETCHES BASED ON DESIGN EXPLORATIONS OF INDIVIDUAL PARTS

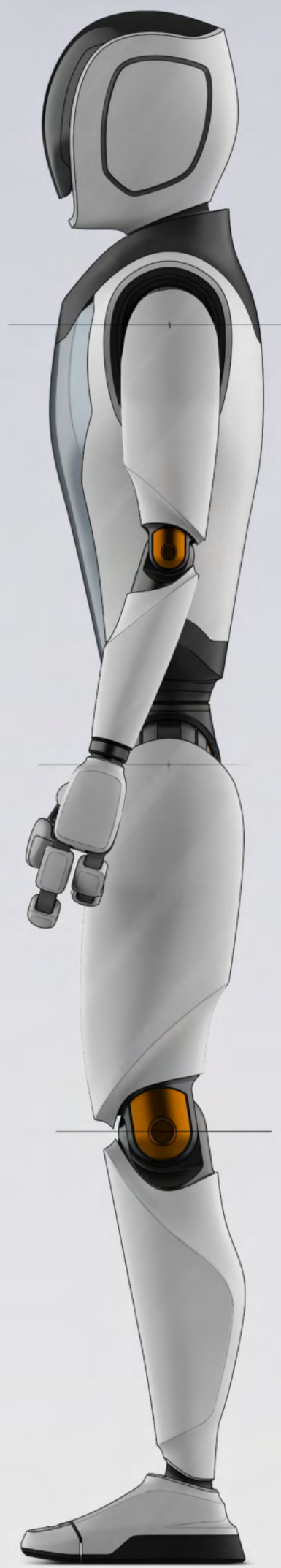
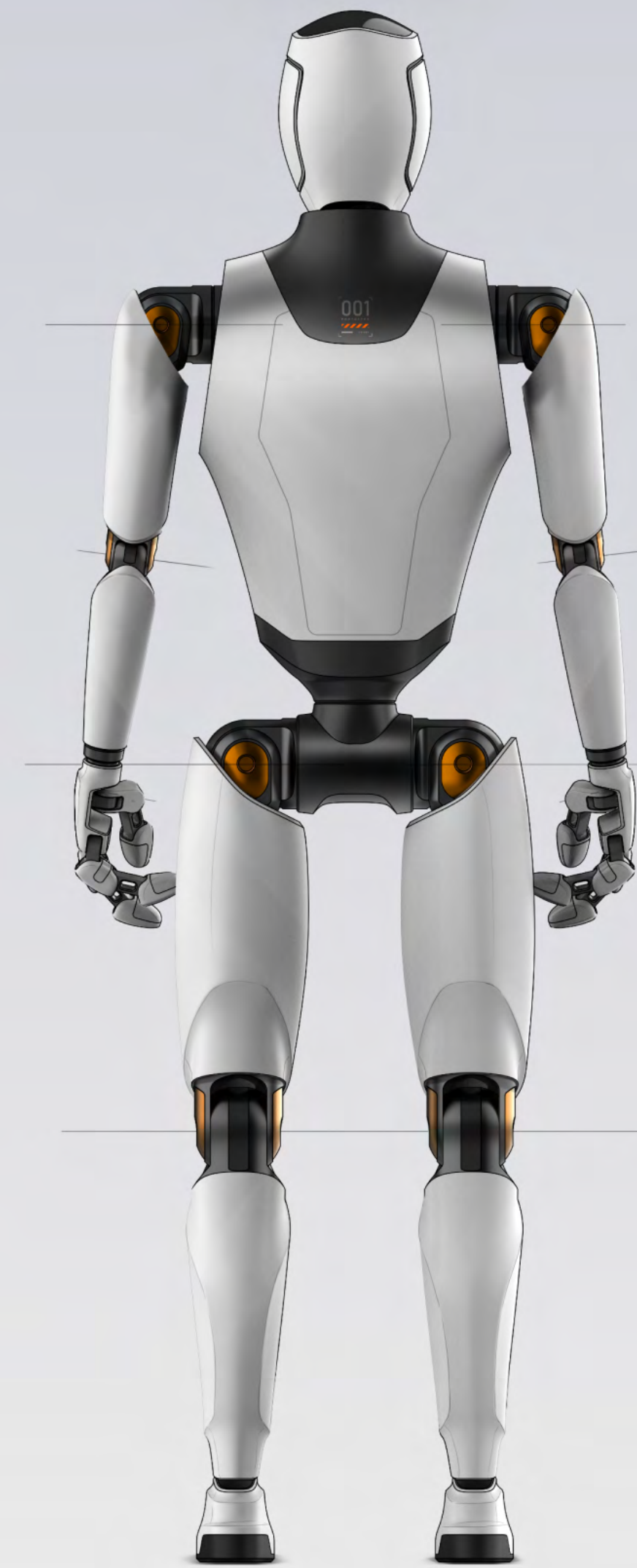
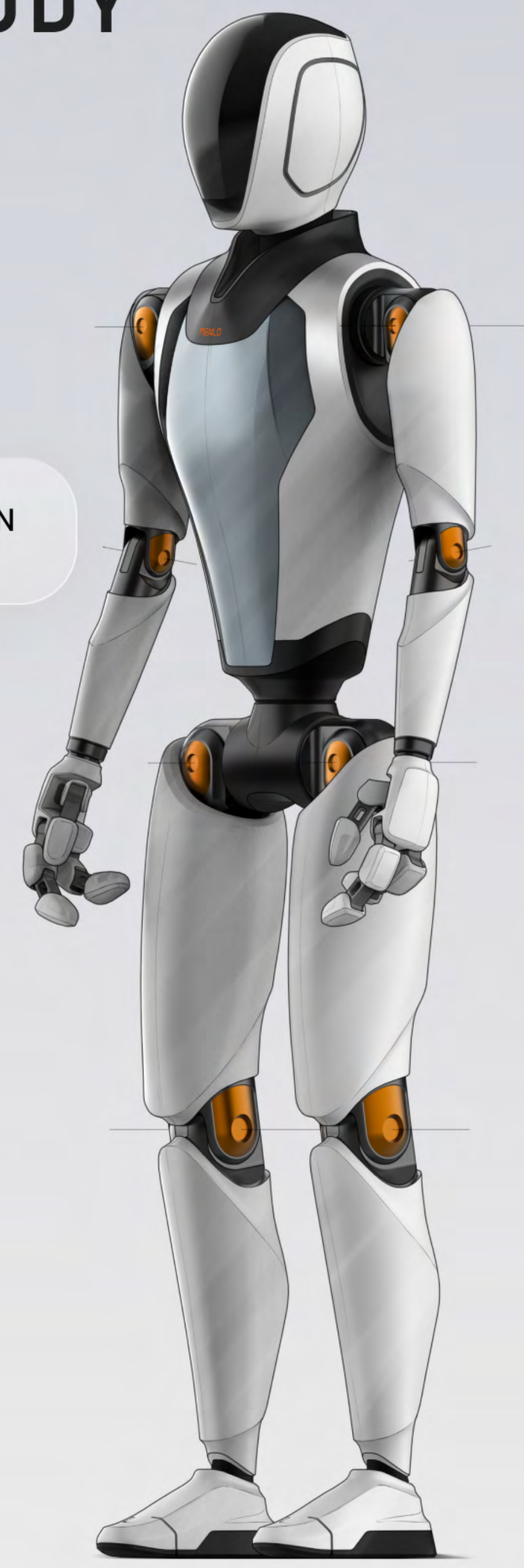
FULL BODY

FRONT

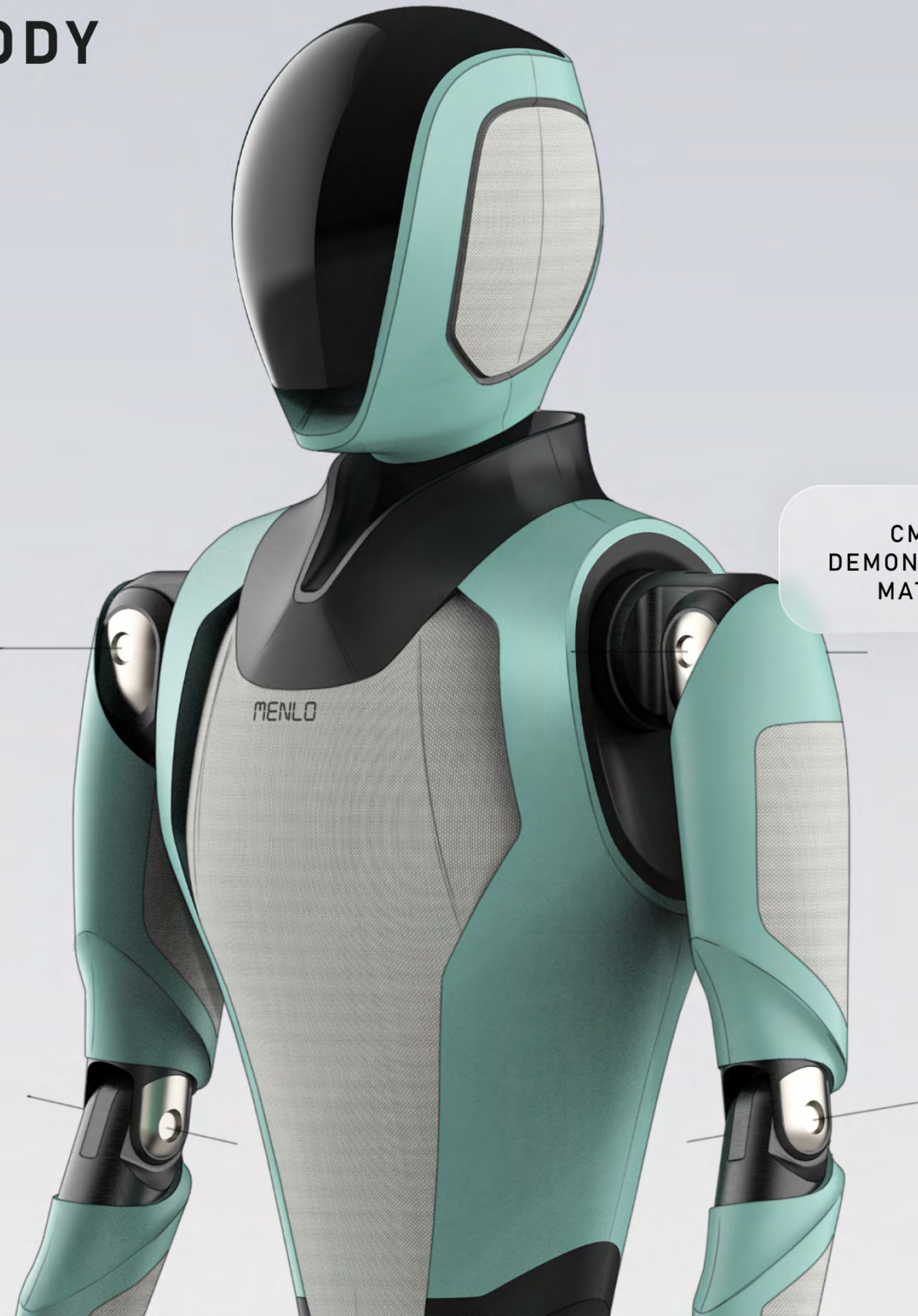
BACK

SIDE

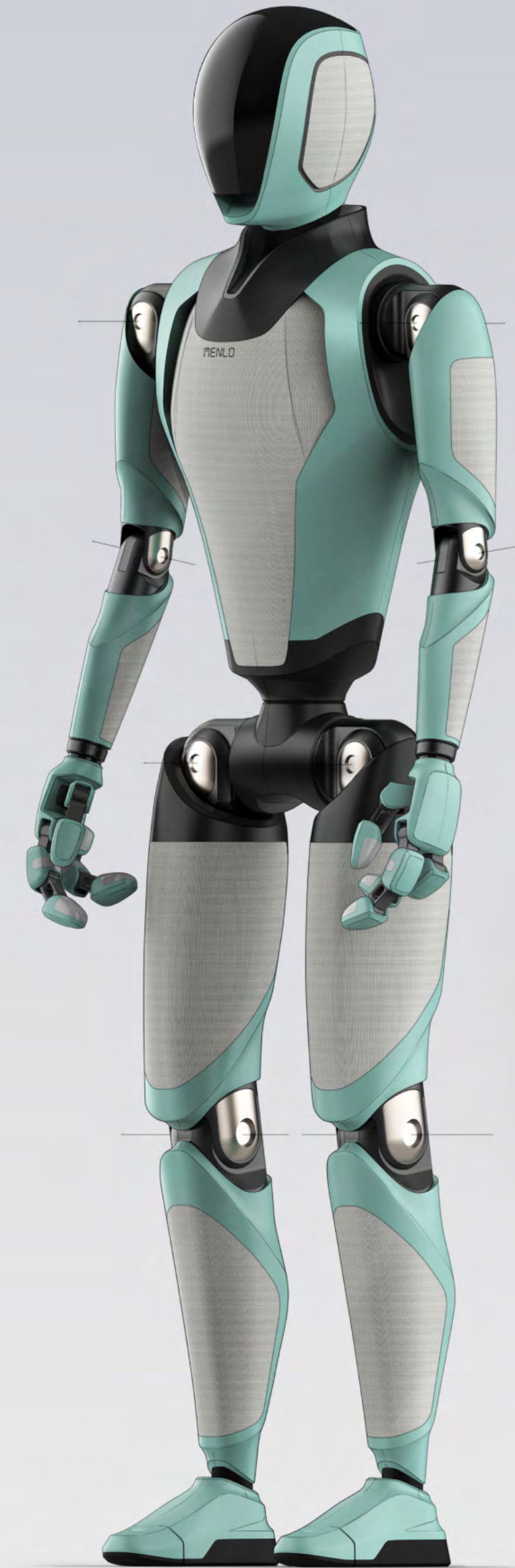
COLOR ACCENTS ON MOTOR MOUNTS



FULL BODY



CMF EXAMPLE TO DEMONSTRATE COLOR AND MATERIAL OPTIONS



ALL THE CUSTOMIZABLE PANELS ARE COVERED IN FABRIC AND WITH ANODIZED JOINT COVERS IT CAN CREATE PREMIUM FEEL INSTEAD OF JUST CHEAP LOOKING WHITE PLASTIC

TORSO

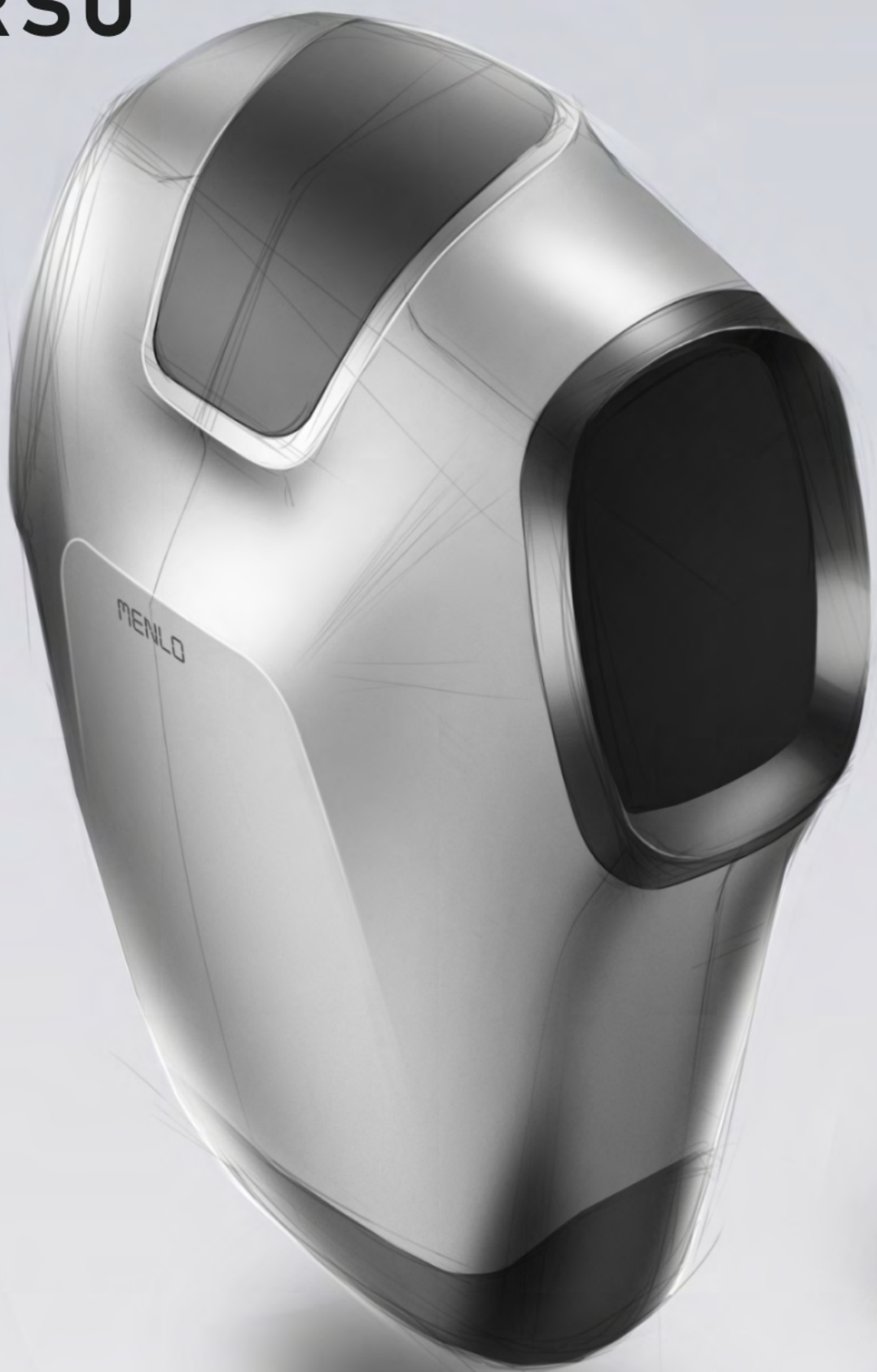
COLLAR SHAPED NECK TO COVER MOTORS

FIRST SKETCHES OF TORSO DESIGN WITH SIMPLE, ROUND AND CLEAN SHAPES



ROUND AND CLEAN SHAPES CREATE MORE FRIENDLY APPEARANCE TO HUMANS

TORSO

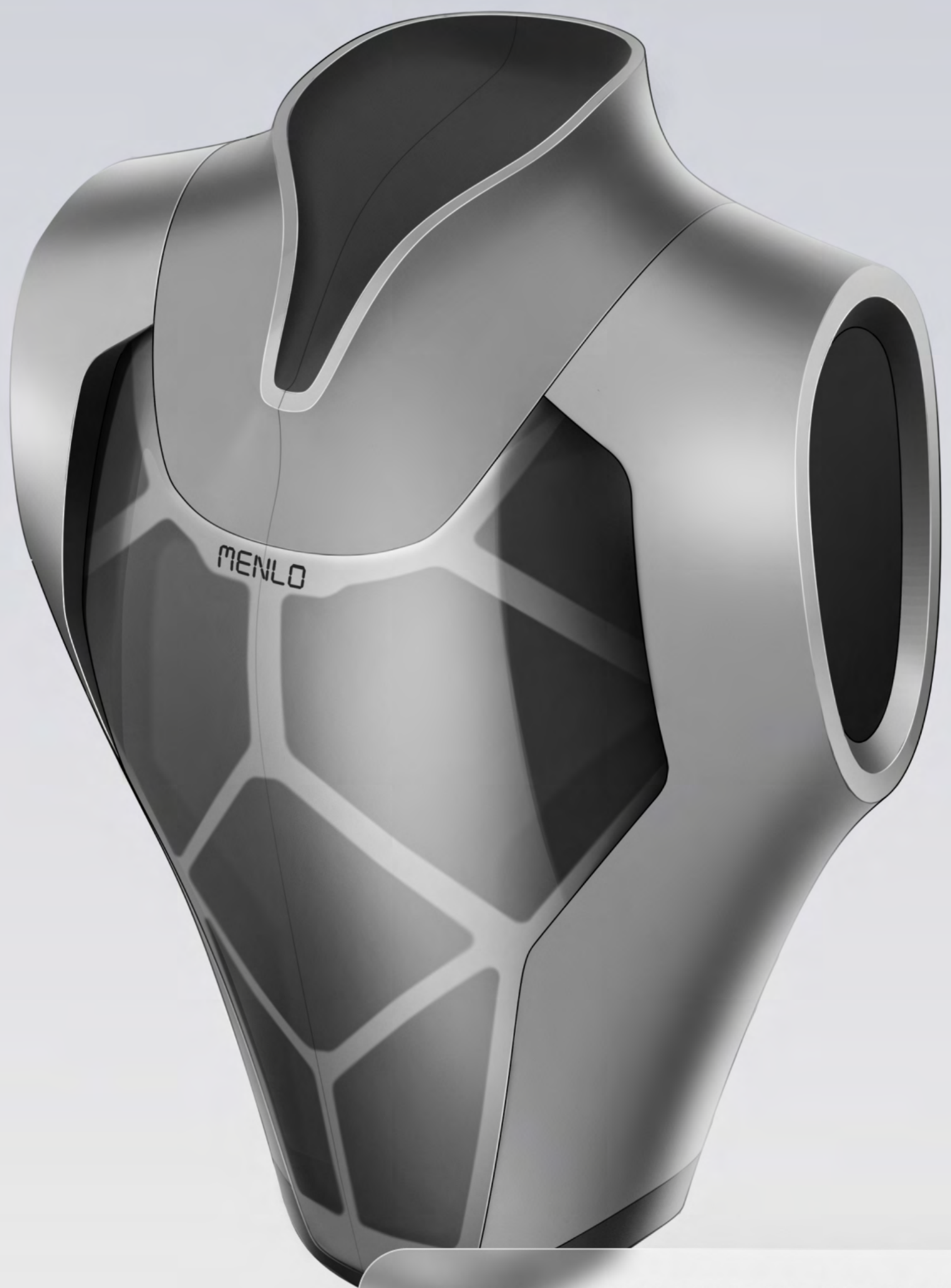


TORSO



DESIGN THAT COMBINES VERY CLEAN SHAPE WITH COLLAR NECK COVER AND REMOVABLE CHEST COVER THAT CAN BE PERSONALIZED

TORSO

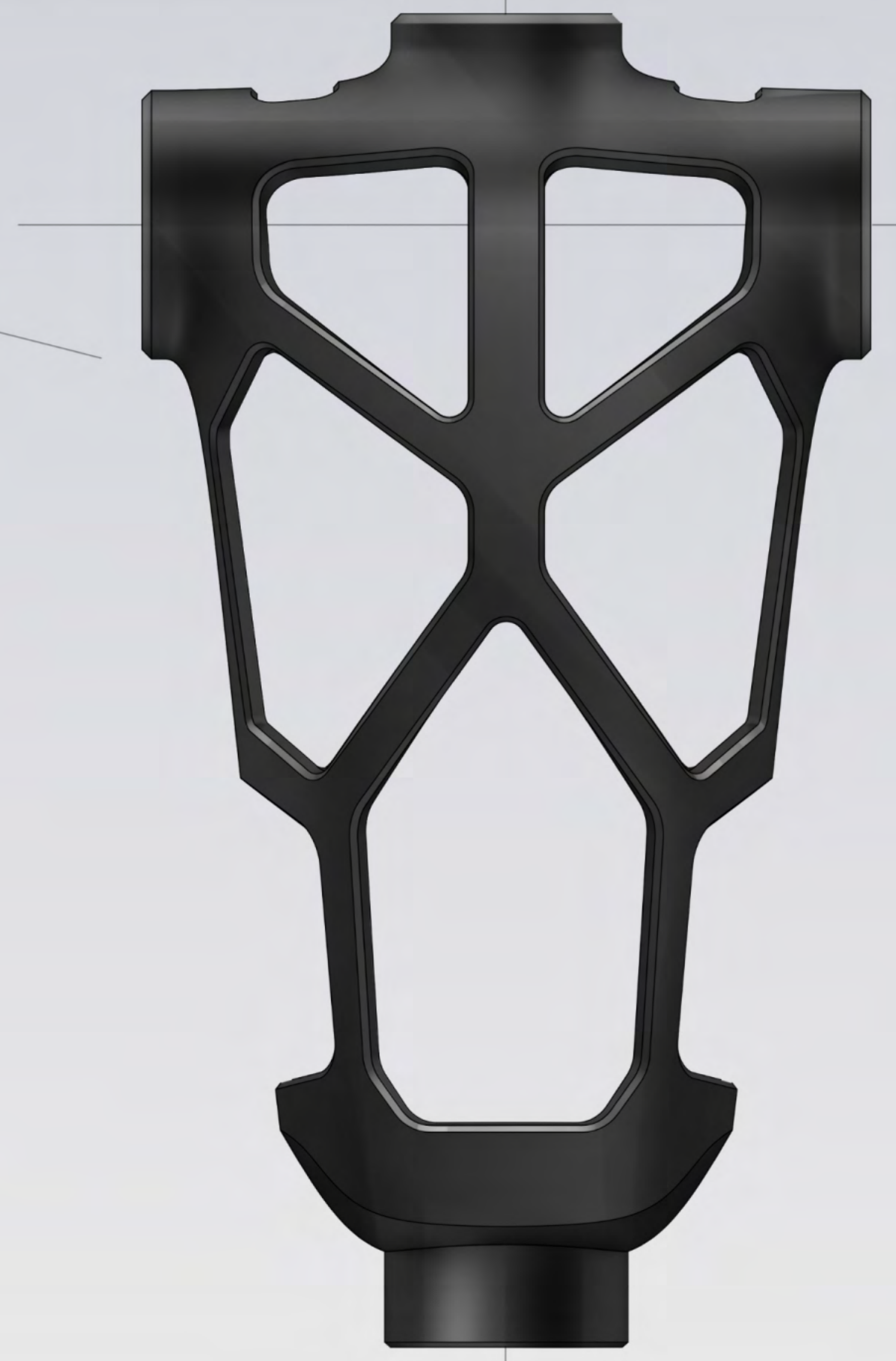


TRANSPARENT CHEST COVER AND SUPPORT STRUCTER UNDER THE COVER



TORSO

"RIBCAGE"- STRUCTURAL SKELETON DESIGN THAT CAN BE FULLY 3D PRINTED



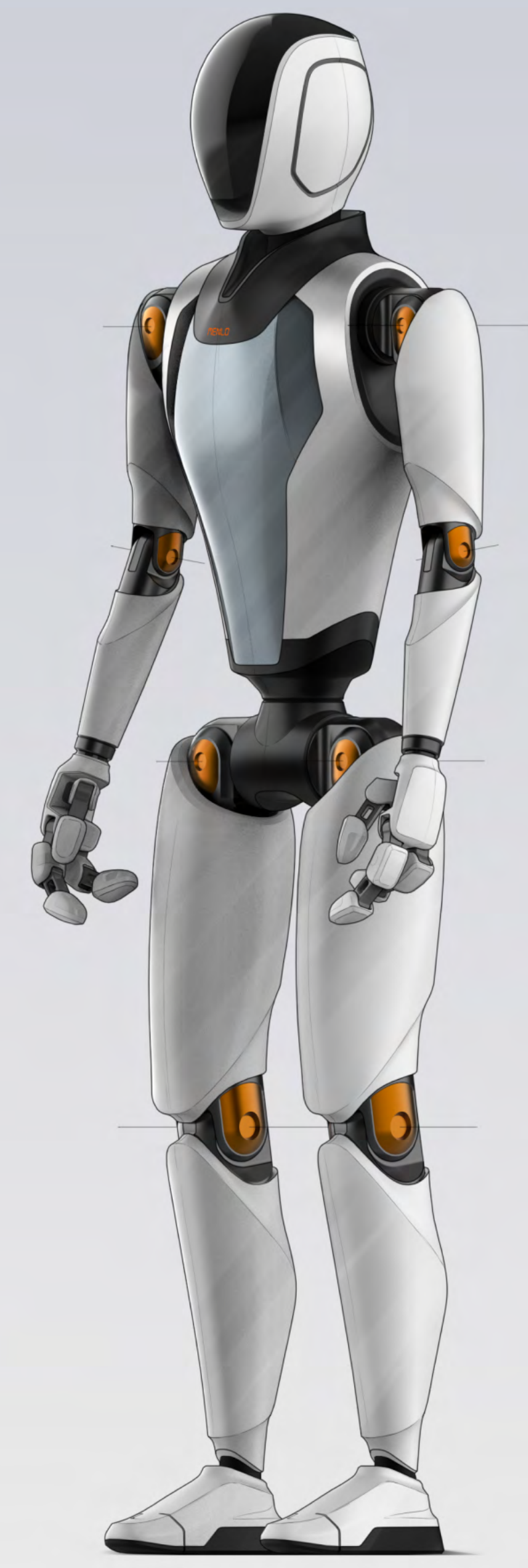
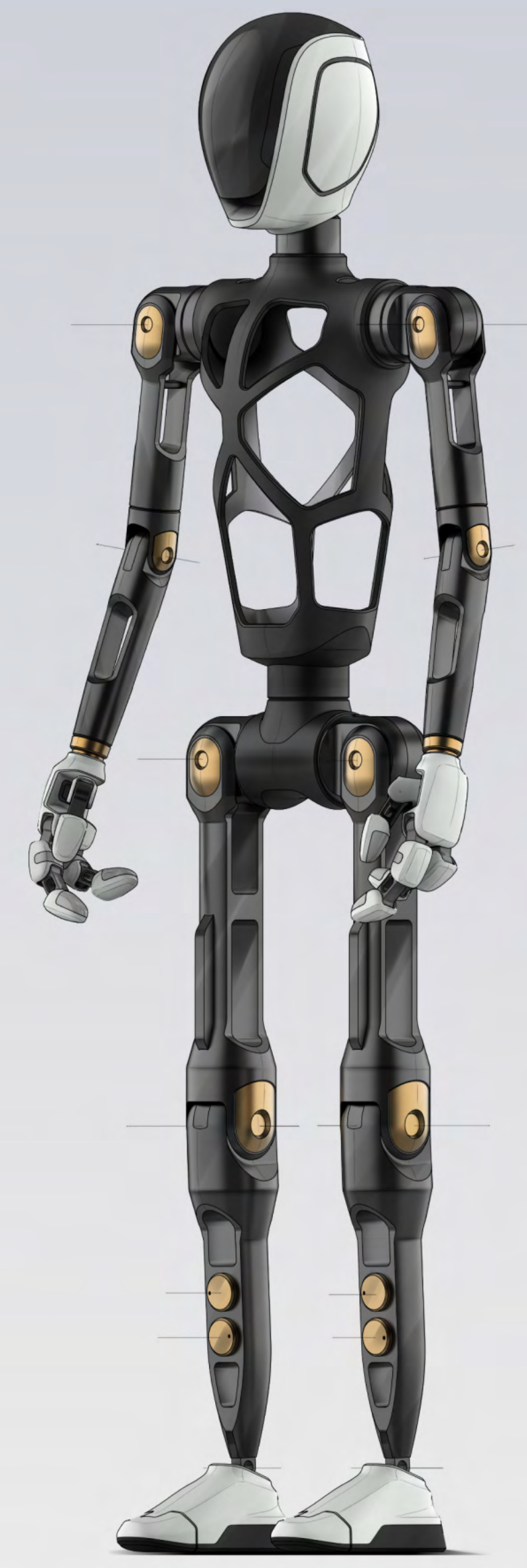
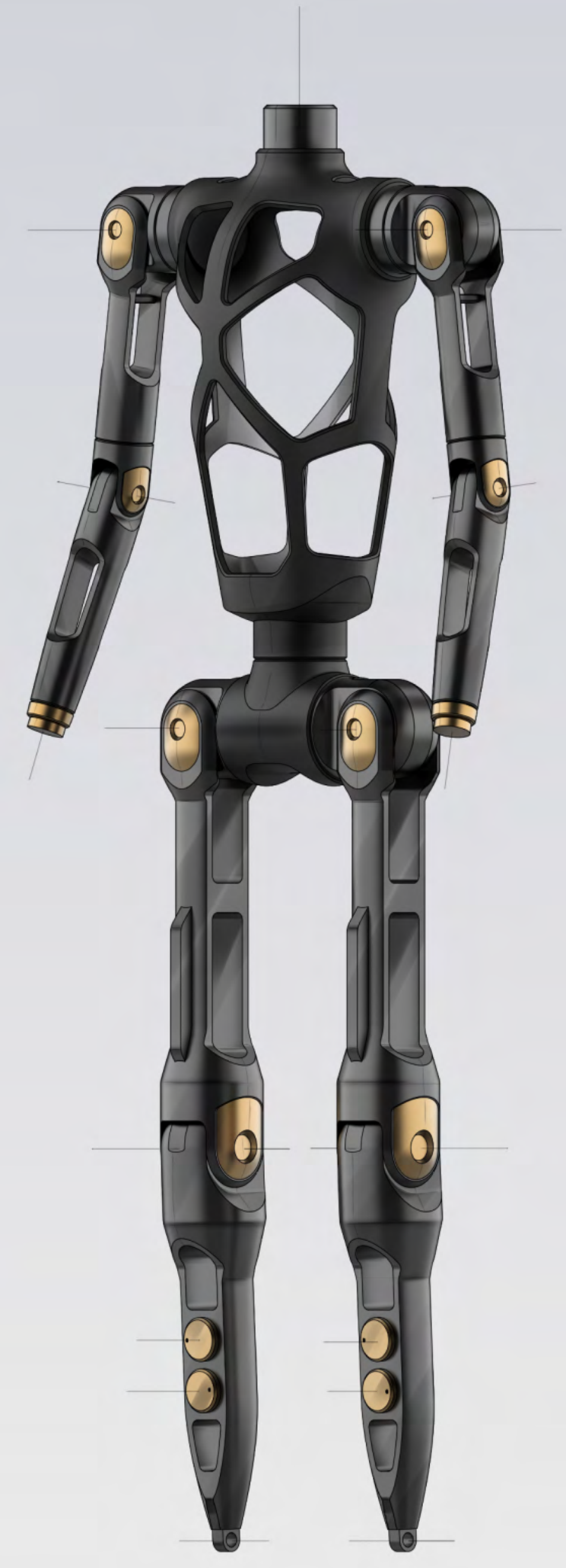
TORSO



FULLY EXPOSED STRUCTURAL DESIGN WITHOUT COVERS



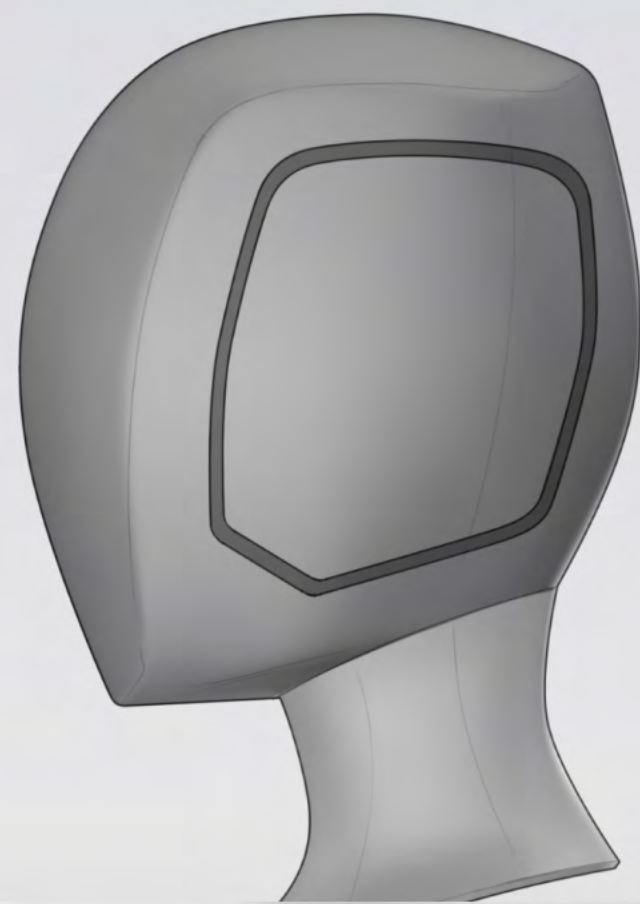
TORSO



HEAD



SCREEN HIDDEN BEHIND THE BLACK VISOR



SIMPLE AND SOFT SHAPED HEADS WITH SUBTLE EDGE TO AVOID "EGG" HEAD



EASY TO CHANGE SIDE PANELS WITH AIR GAP AROUND FOR BETTER VENTILATION

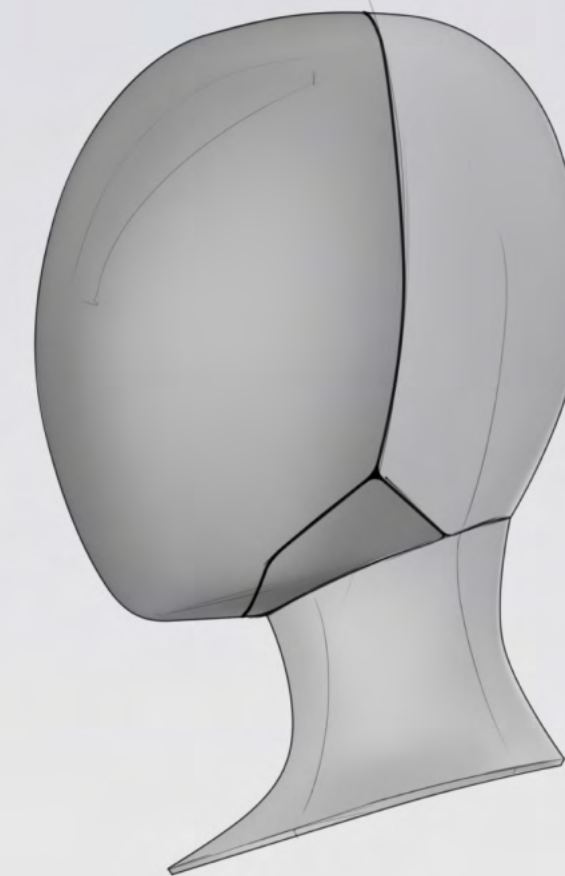
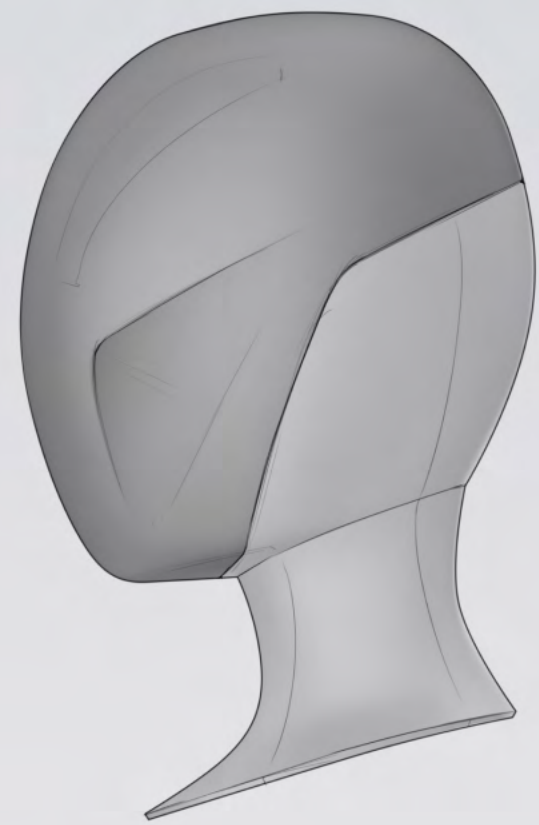
HEAD

SIMPLE AND SOFT SHAPED ROUND HEADS

SPLIT LINES TO BREAK THE MASS

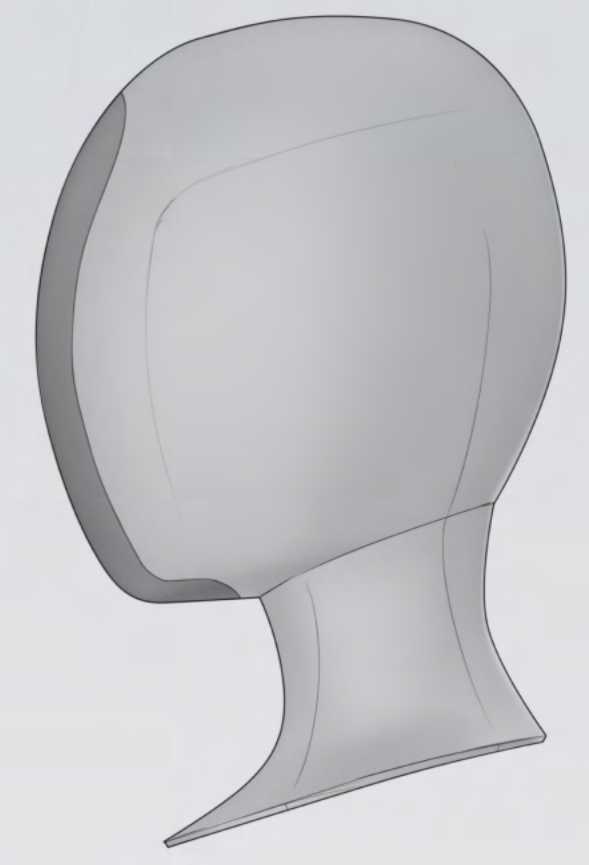


SUBTLE THICK LINE



HEAD

NARROW FACE VISOR DESIGNS



"MOUTH" HOLE FOR SPEAKER TO BE PLACED



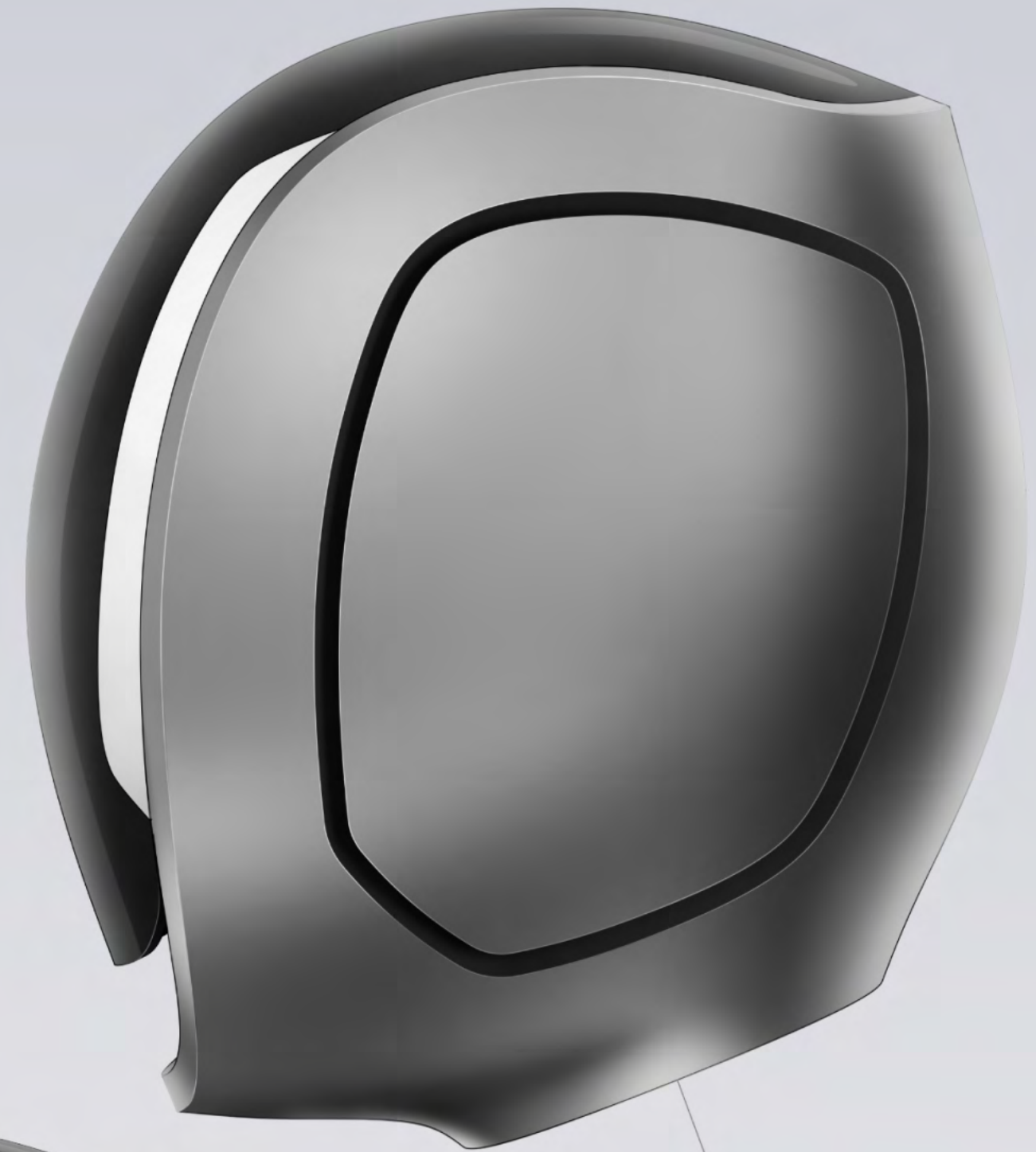
HEAD



MORE VARIATIONS FOR "BIG VISOR" DESIGN

HEAD

THIS SHAPE COMBINES ROUND HEAD SHAPE WITH SHARP EDGES THAT BETTER DEFINES THE OVERALL HEAD SHAPE



TO MAKE IT MORE "HUMAN" EYES, EARS AND MOUTH ARE INTRODUCED IN TO THE DESIGN

VERTICAL LIGHTS ARE PRESENTED AS EYES AND CAN HELP WITH THE FEEDBACK FOR OPERATOR (HUMAN)

FOR EXAMPLE IF THE ROBOT IS THINKING, NEEDS RECHARGE ETC... OR JUST AS LIGHTS IN LOW LIGHT SITUATION

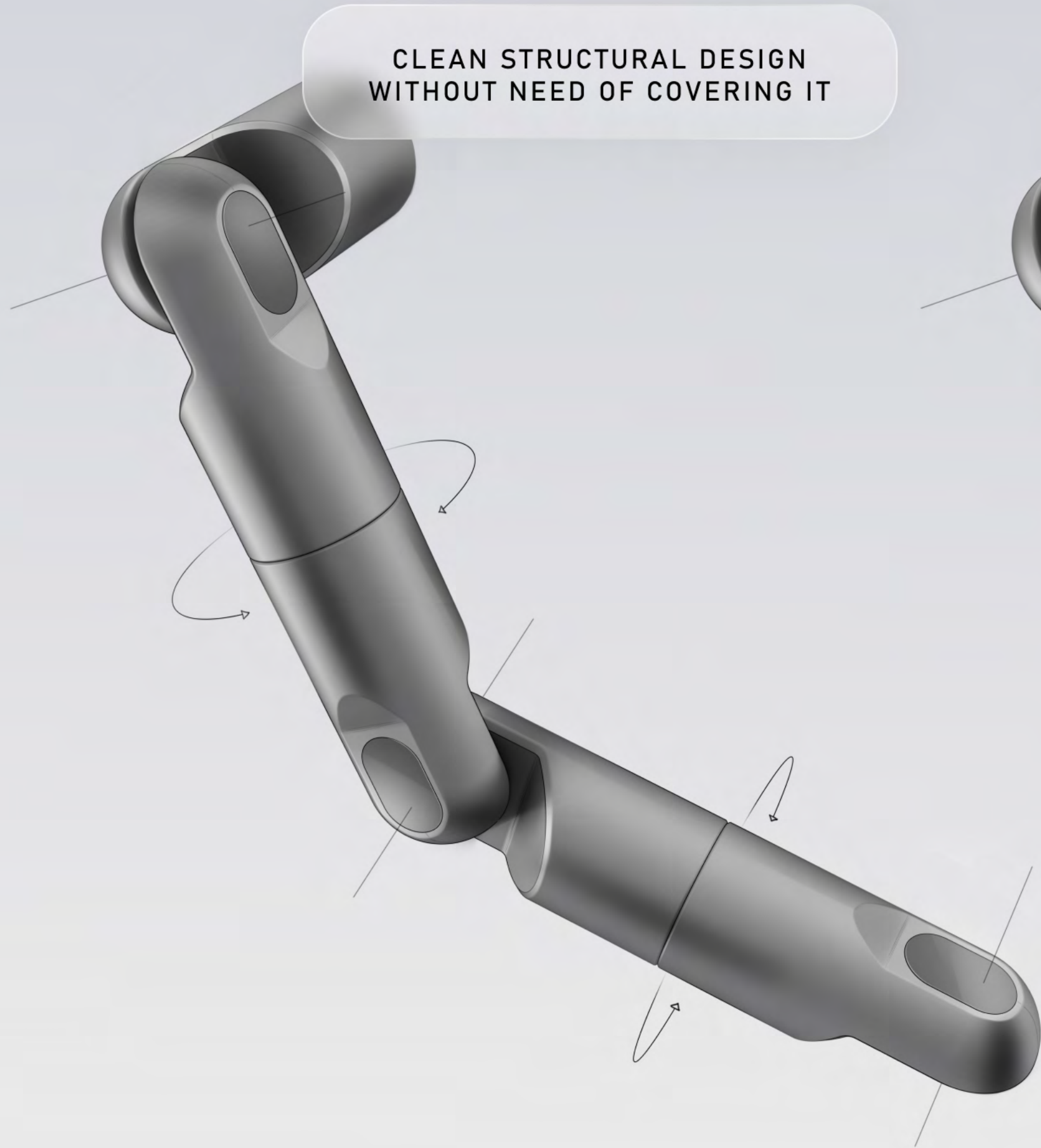
HEAD



ON/ OFF APPEARANCE

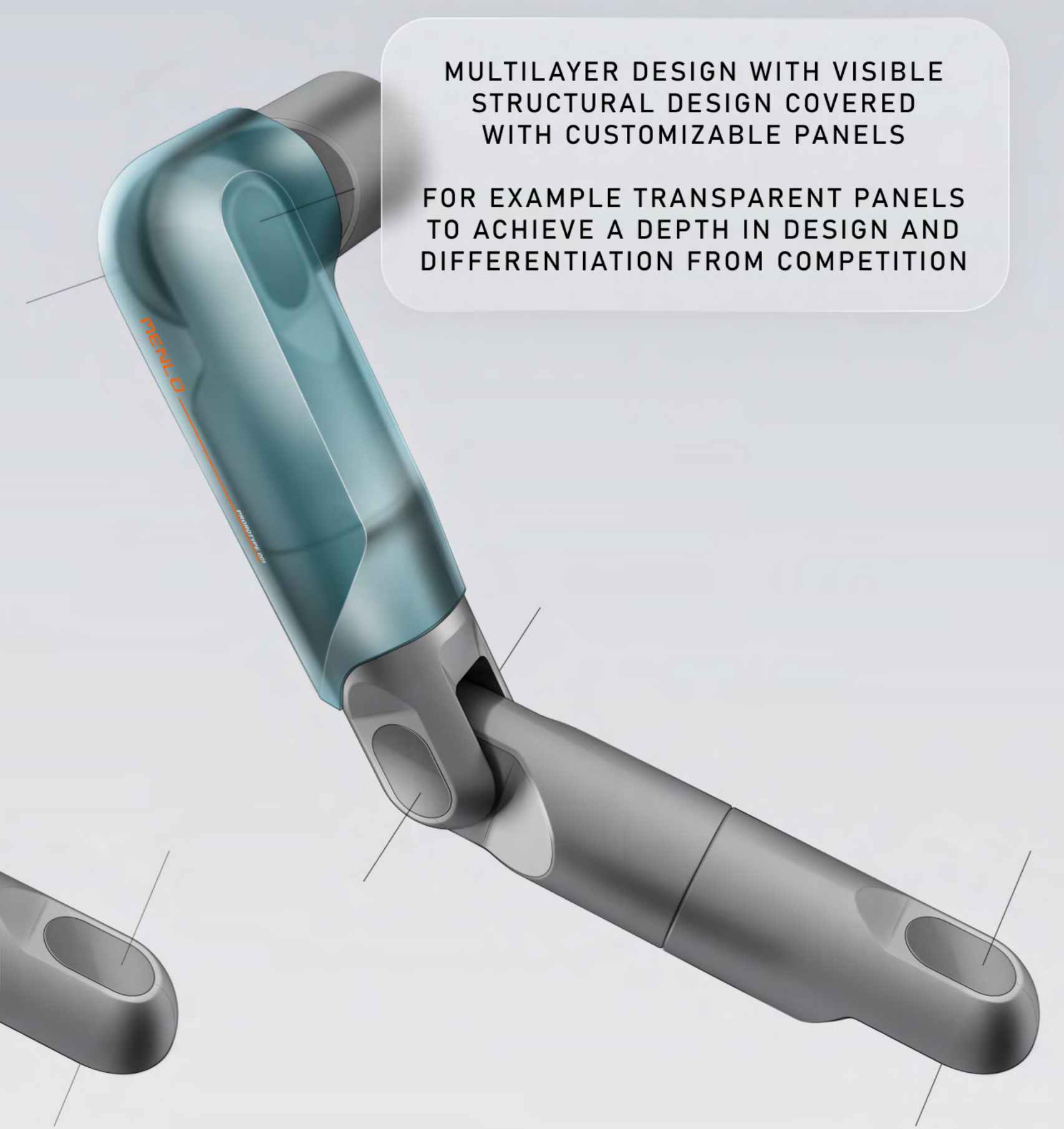
ARMS

CLEAN STRUCTURAL DESIGN
WITHOUT NEED OF COVERING IT

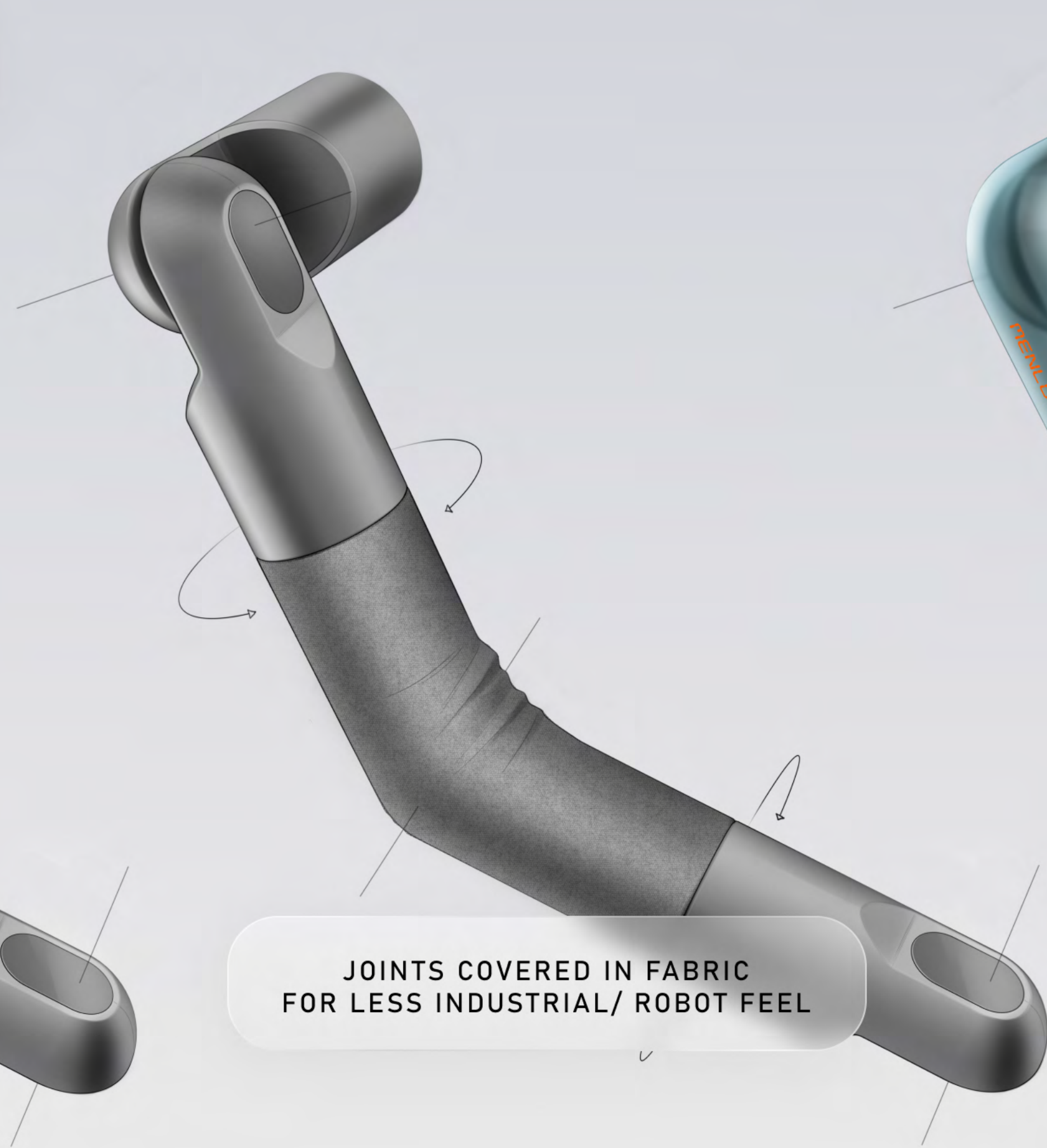


MULTILAYER DESIGN WITH VISIBLE
STRUCTURAL DESIGN COVERED
WITH CUSTOMIZABLE PANELS

FOR EXAMPLE TRANSPARENT PANELS
TO ACHIEVE A DEPTH IN DESIGN AND
DIFFERENTIATION FROM COMPETITION



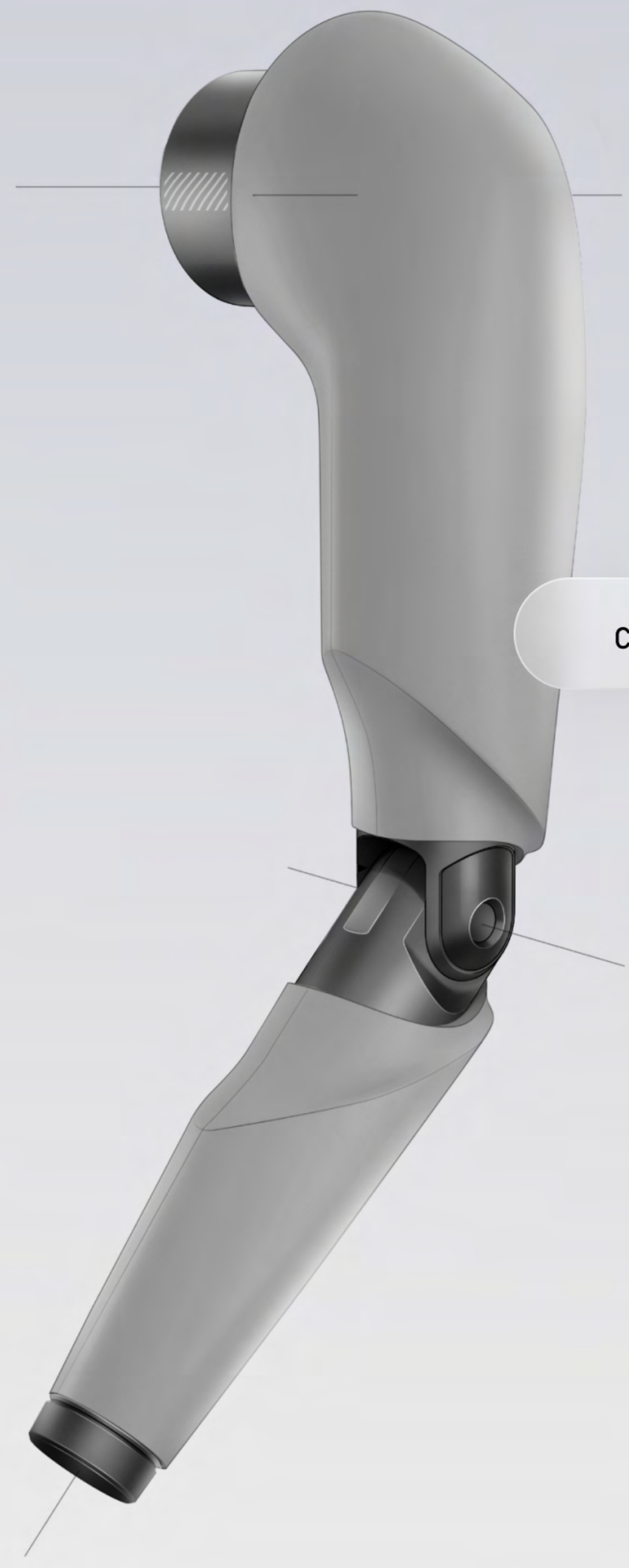
JOINTS COVERED IN FABRIC
FOR LESS INDUSTRIAL/ ROBOT FEEL



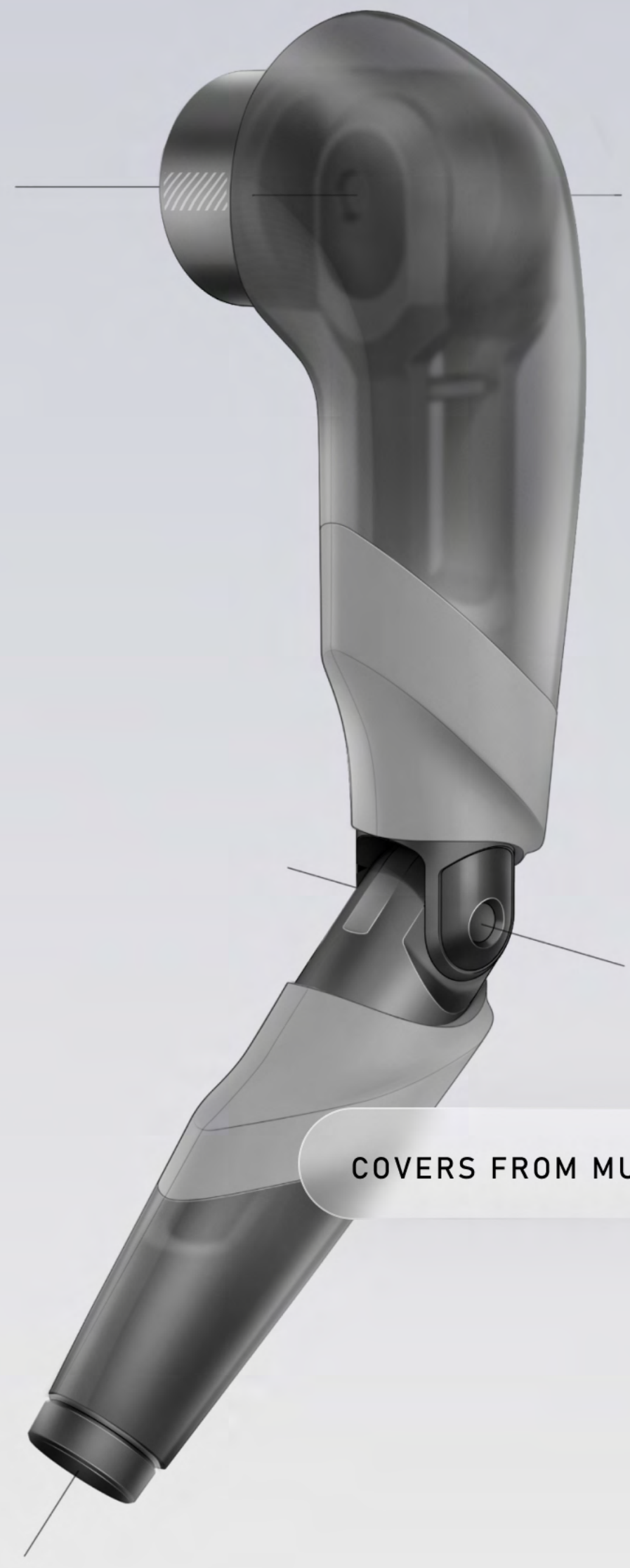
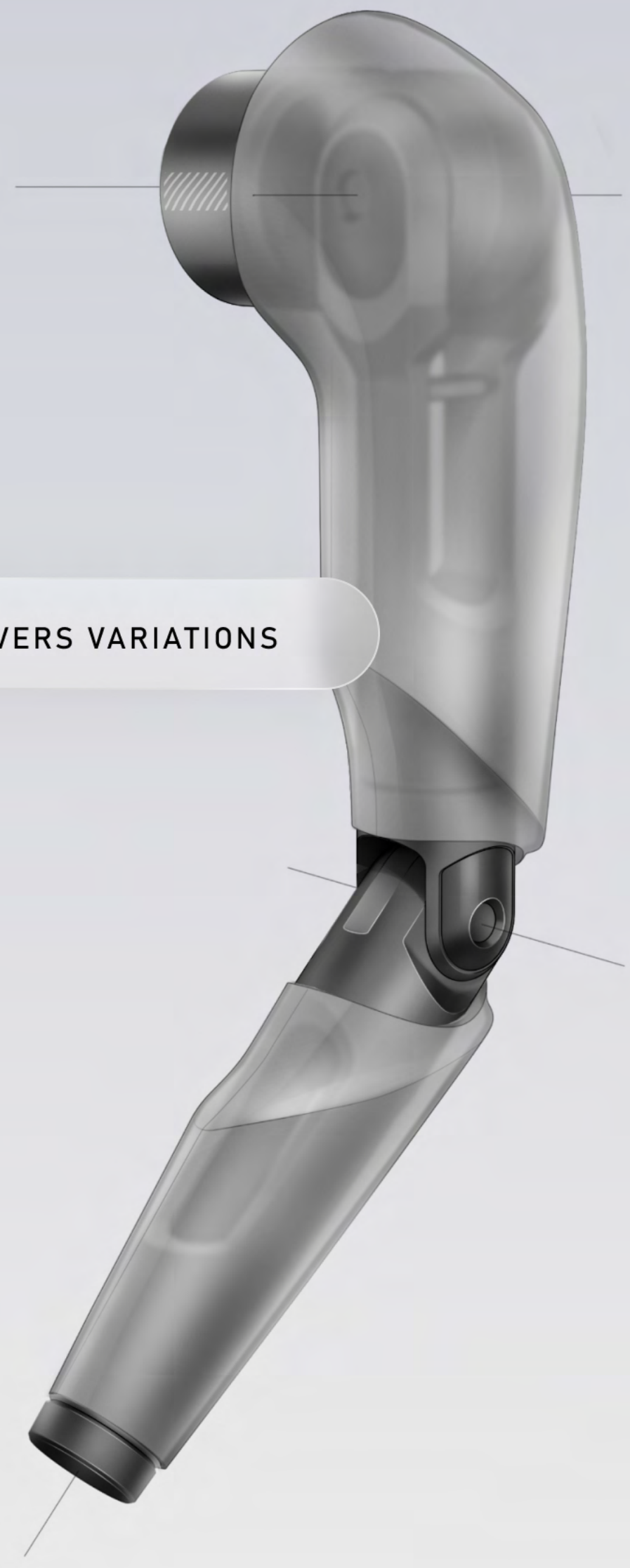
ARMS



STRUCTURAL DESIGN

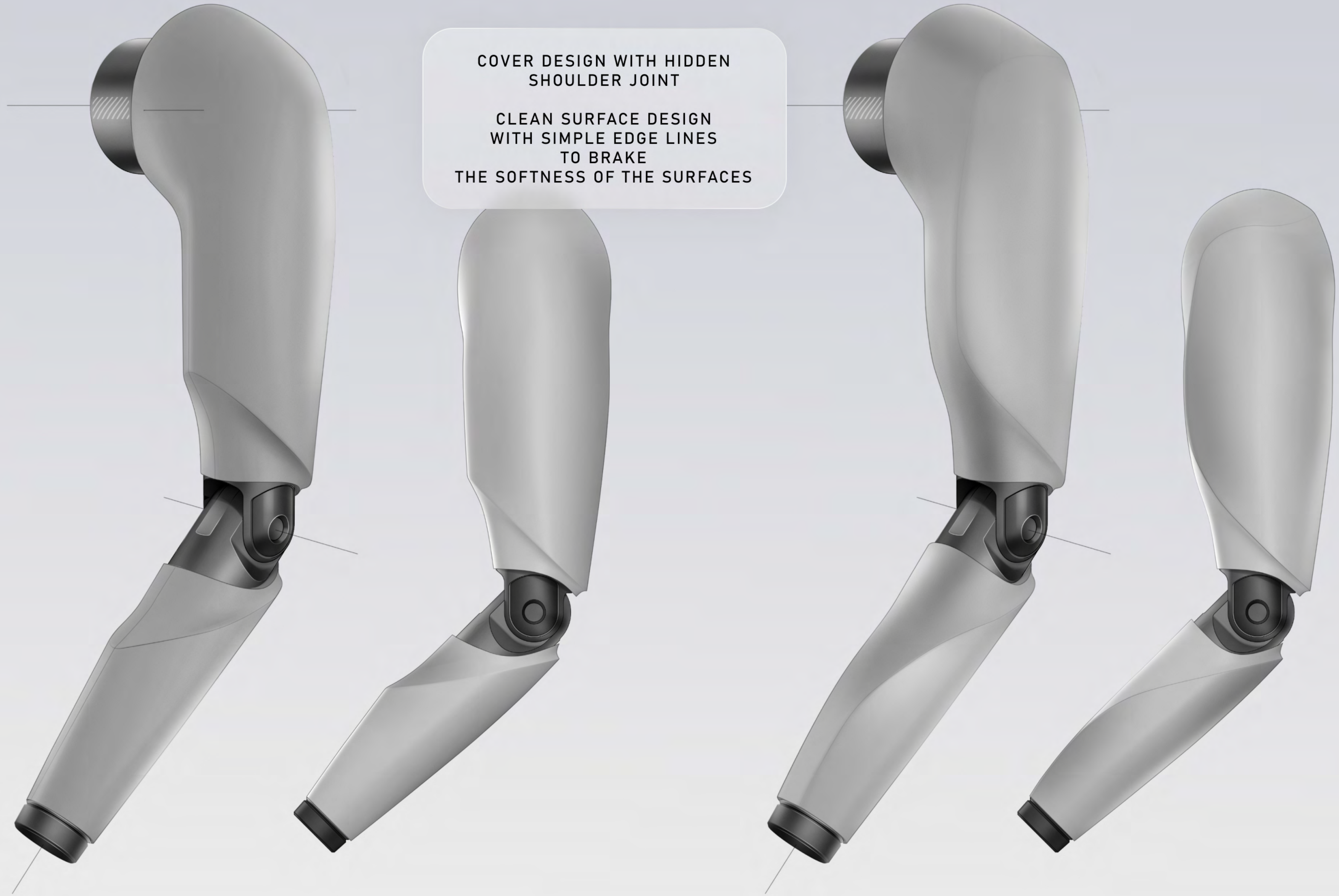


COVERS VARIATIONS



COVERS FROM MULTIPLE PARTS

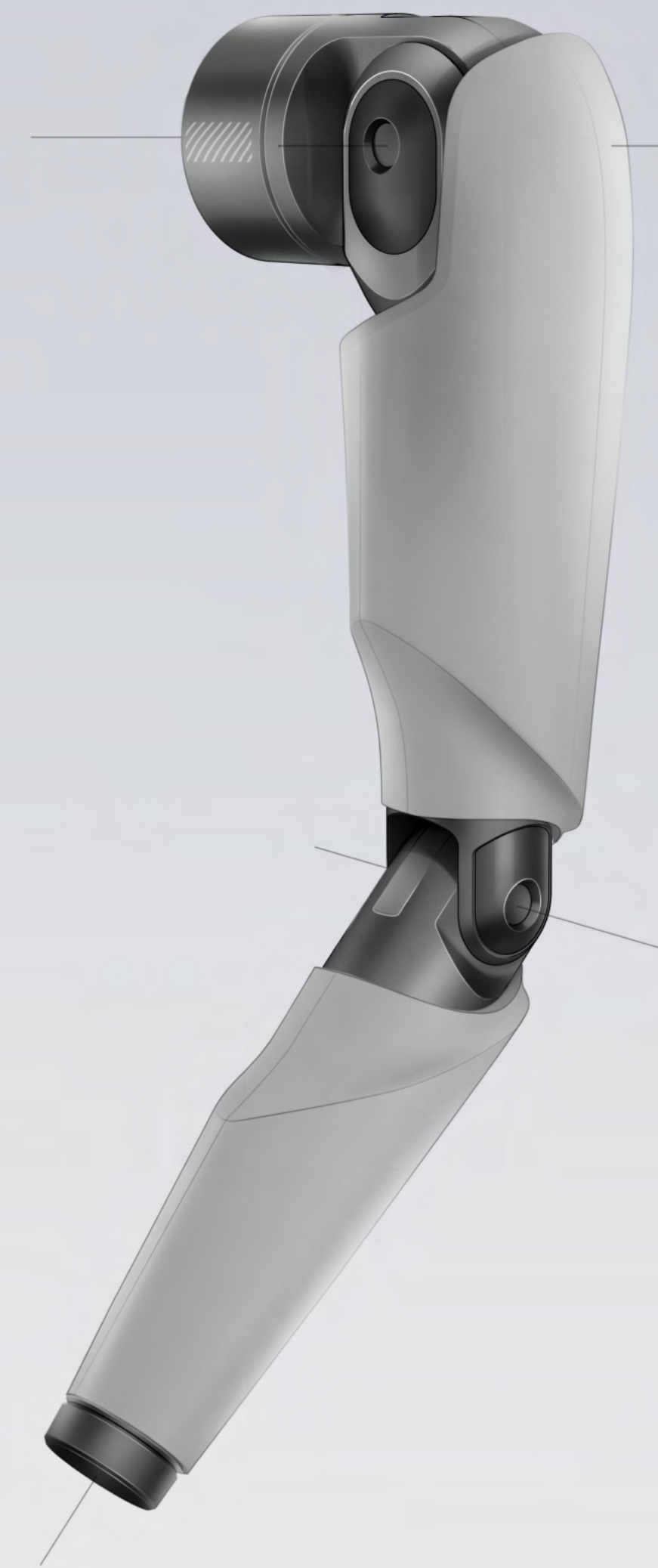
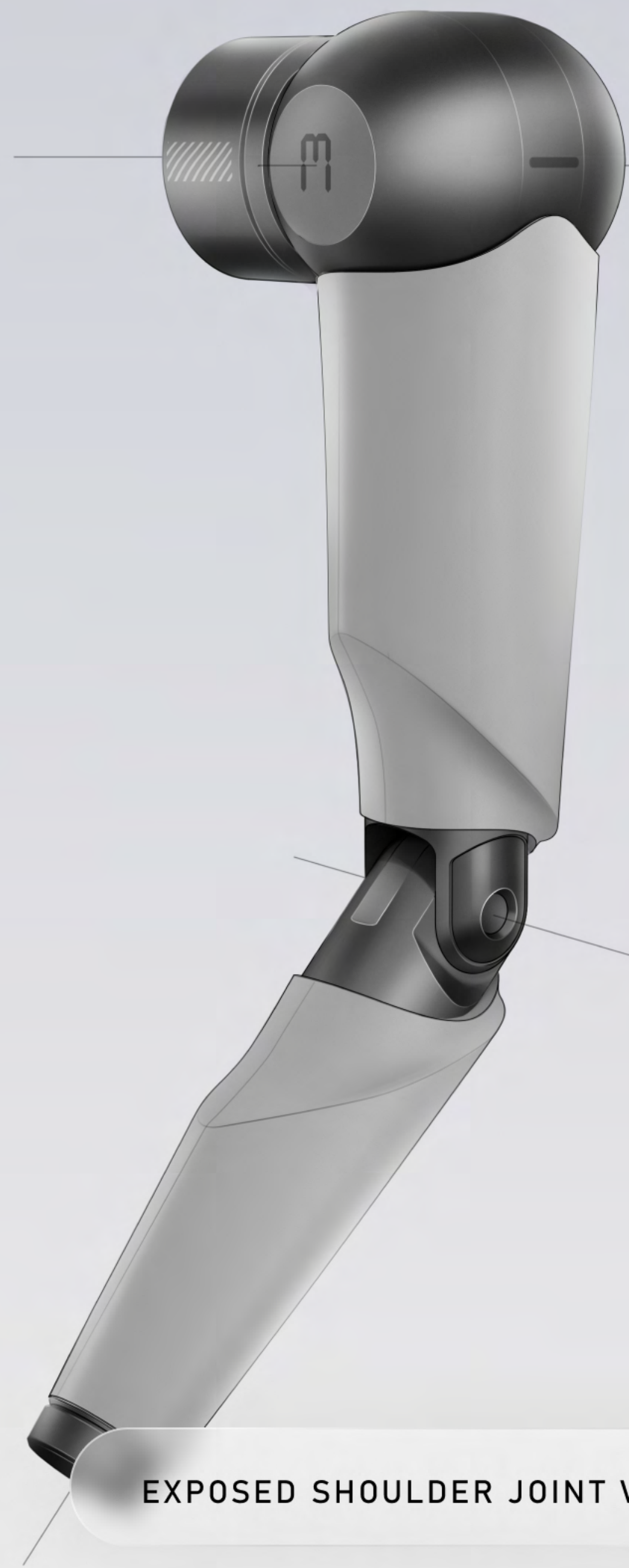
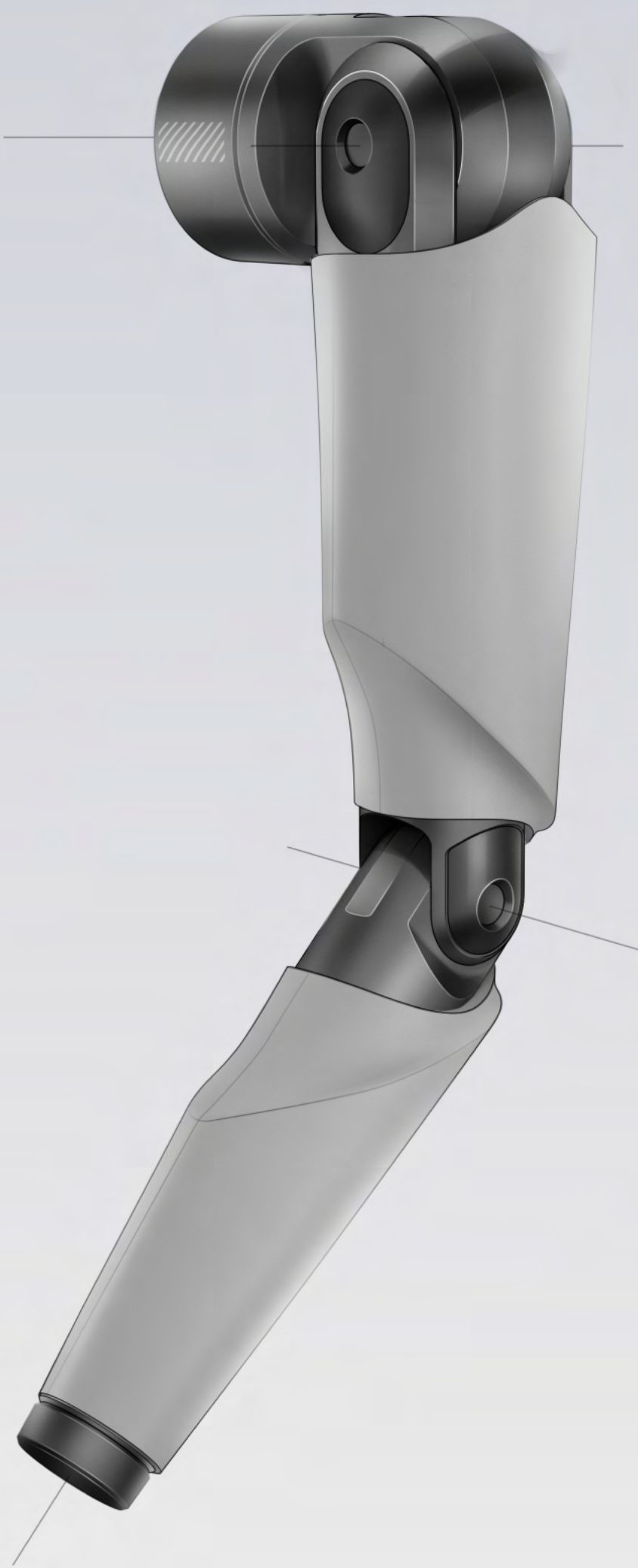
ARMS



COVER DESIGN WITH HIDDEN
SHOULDER JOINT

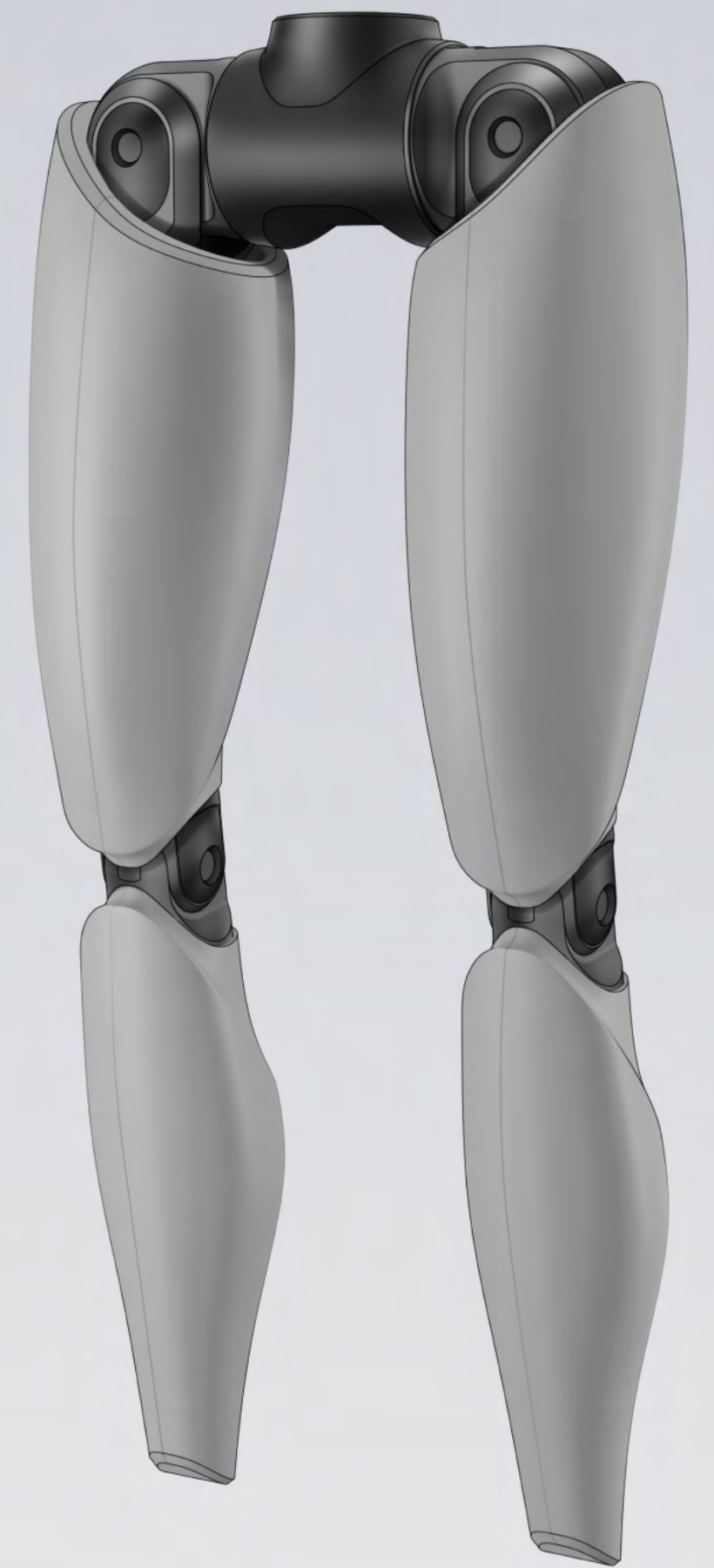
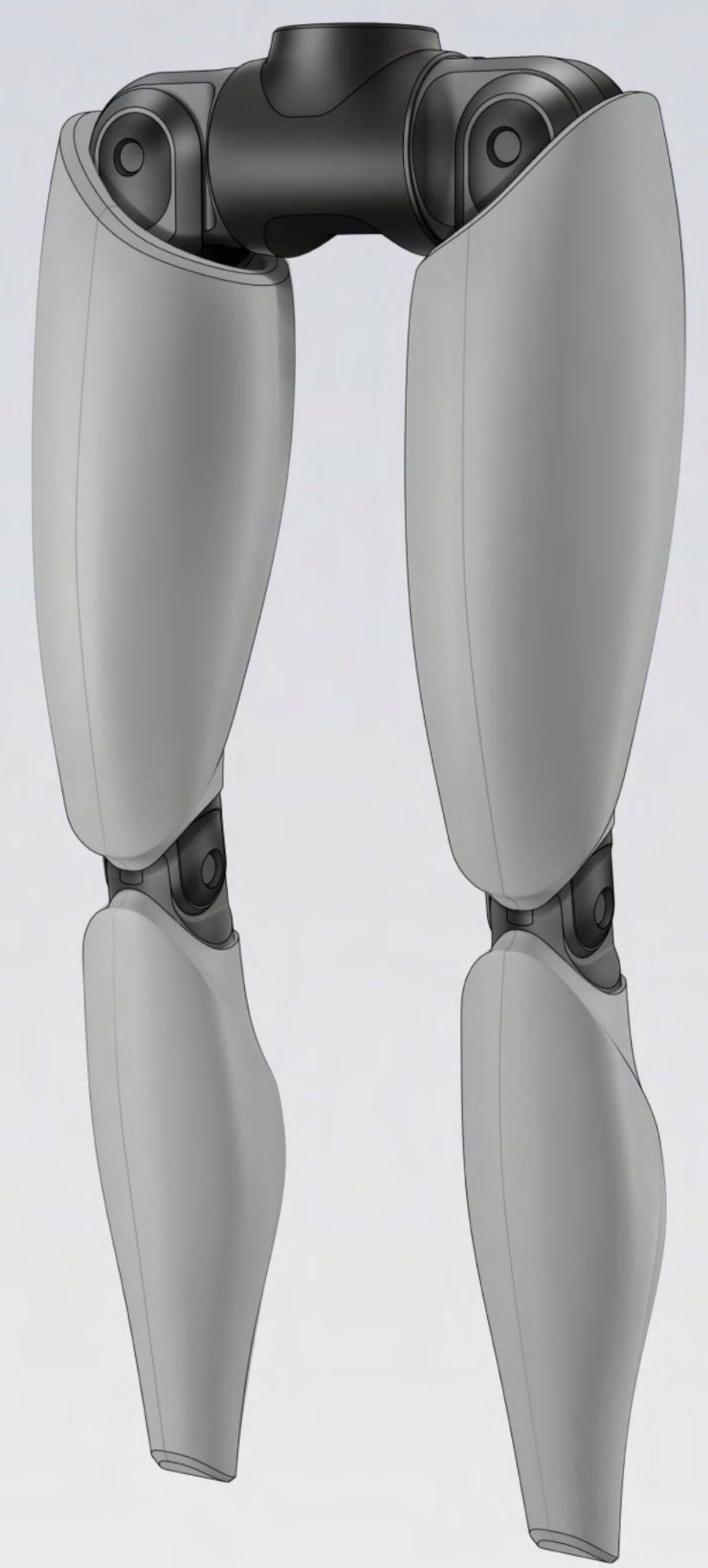
CLEAN SURFACE DESIGN
WITH SIMPLE EDGE LINES
TO BRAKE
THE SOFTNESS OF THE SURFACES

ARMS



EXPOSED SHOULDER JOINT VARIATIONS

LEGS

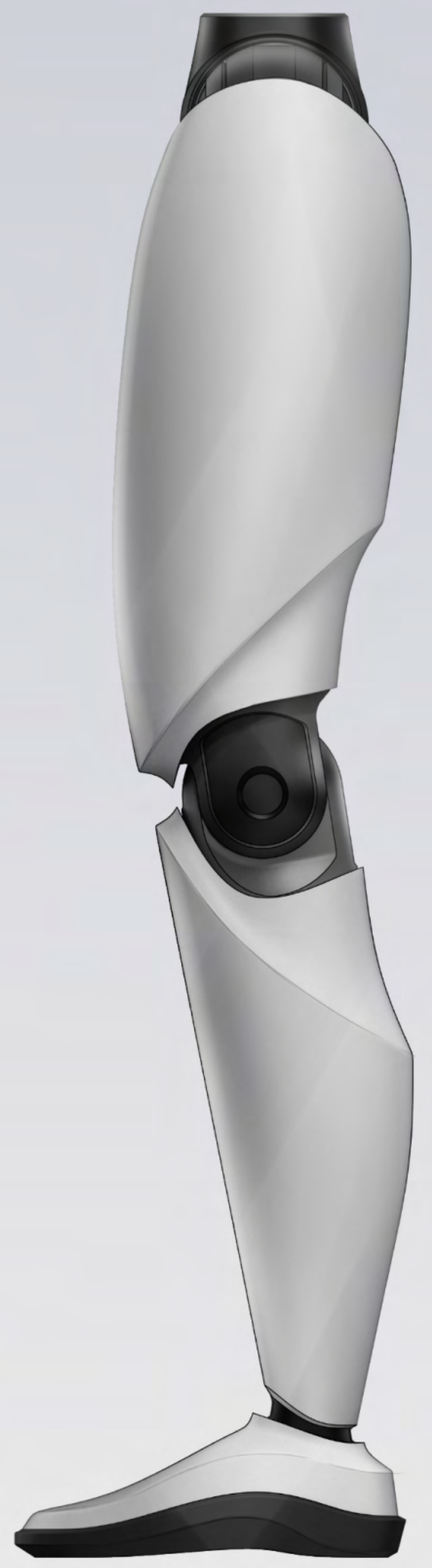


LEG DESIGN THAT FOLLOWS SAME DESIGN PRINCIPLES AS ARM DESIGN WITH CLEAN SURFACES AND SIMPLE EDGE LINES

LEGS



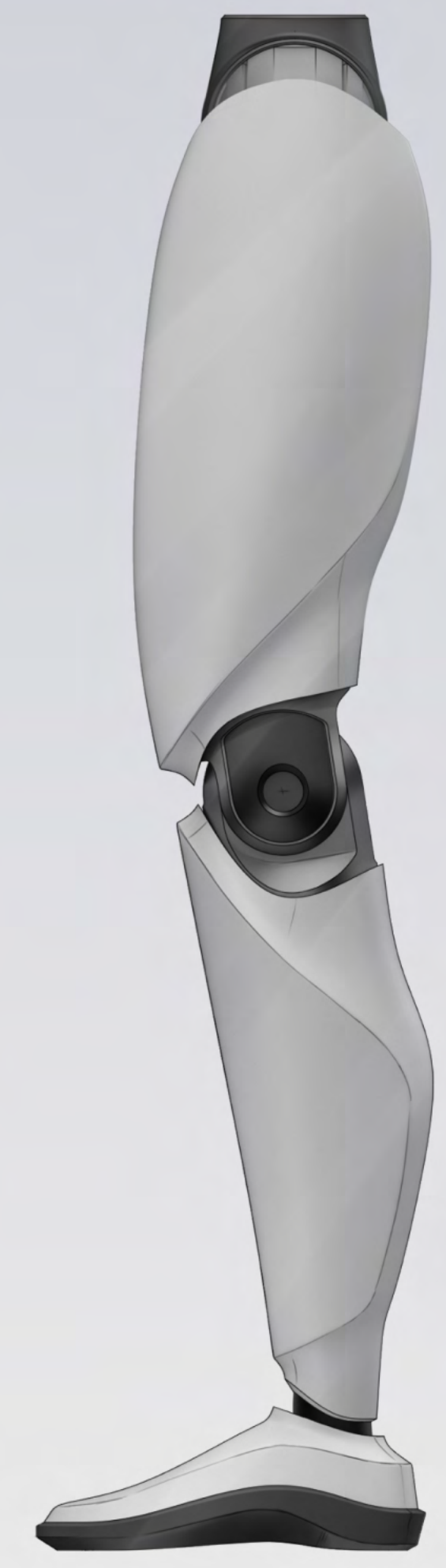
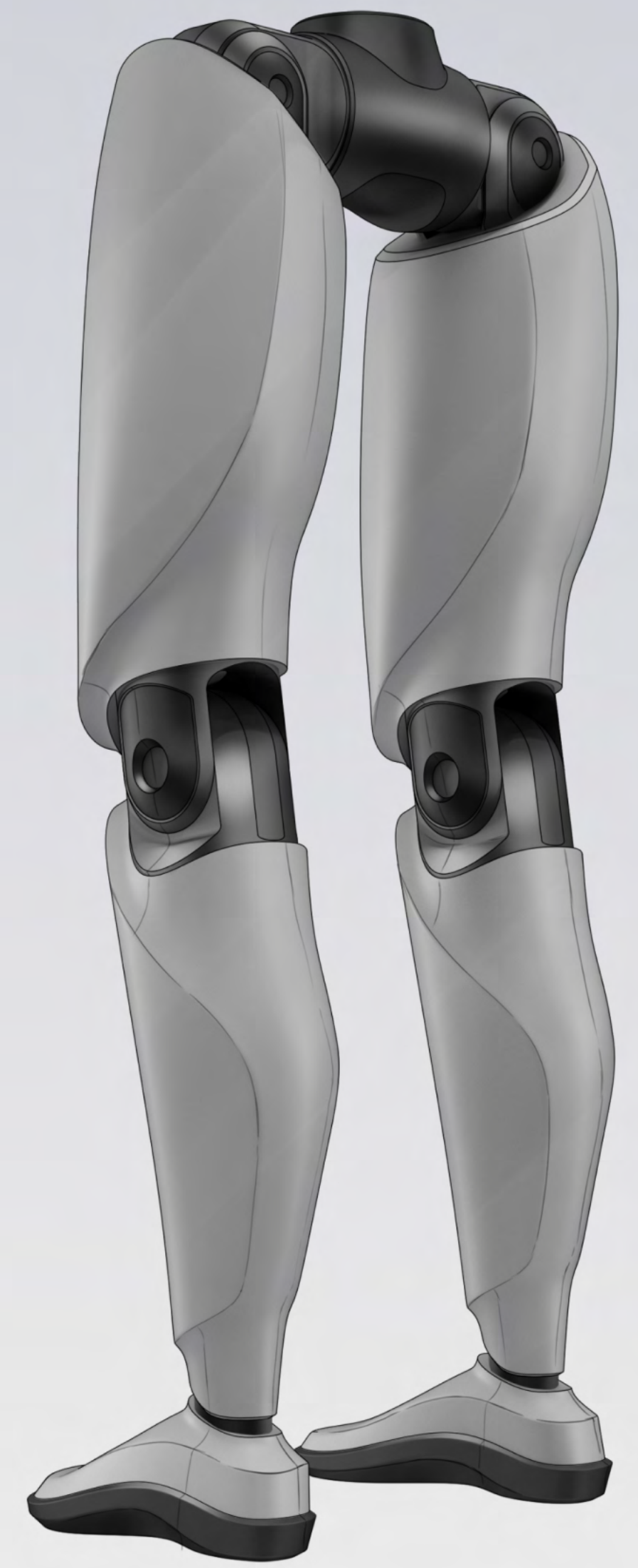
UPDATED SIZE OF THE KNEE JOINTS



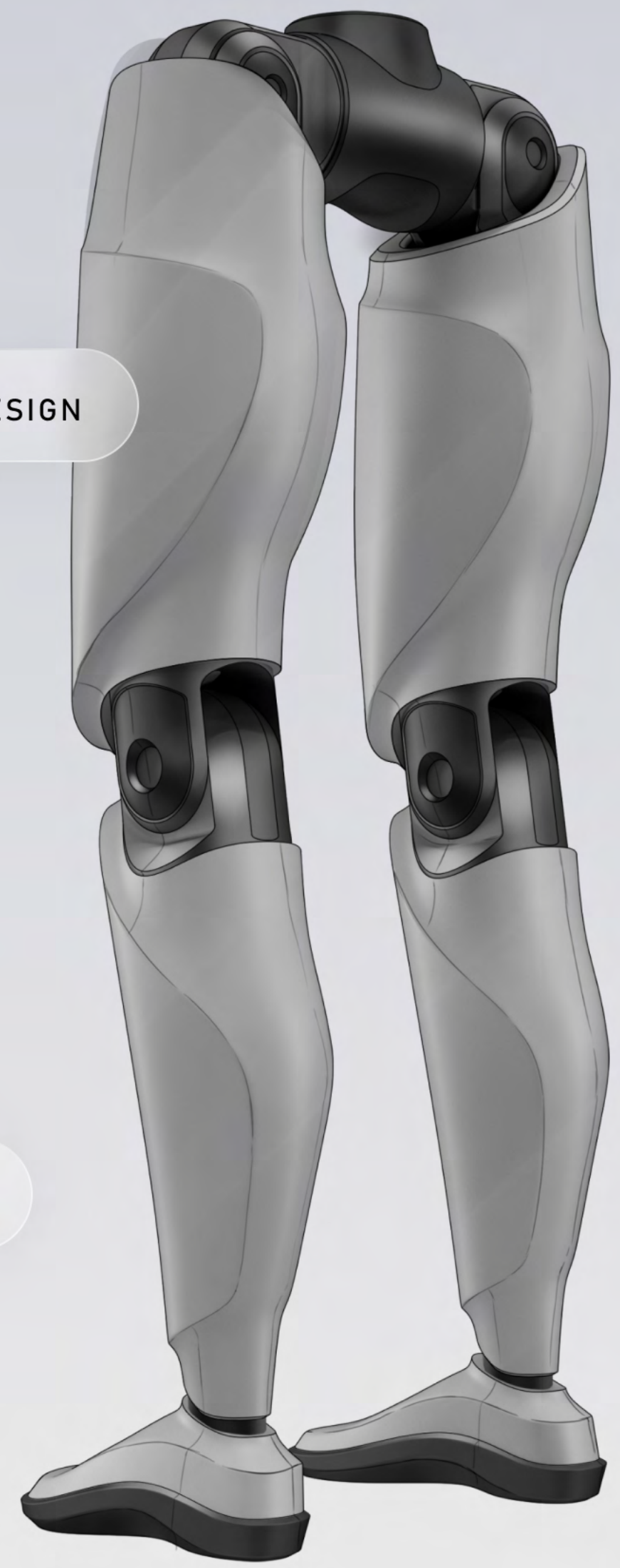
POSSIBLE VARIATIONS OF CUSTOMIZABLE PANELS



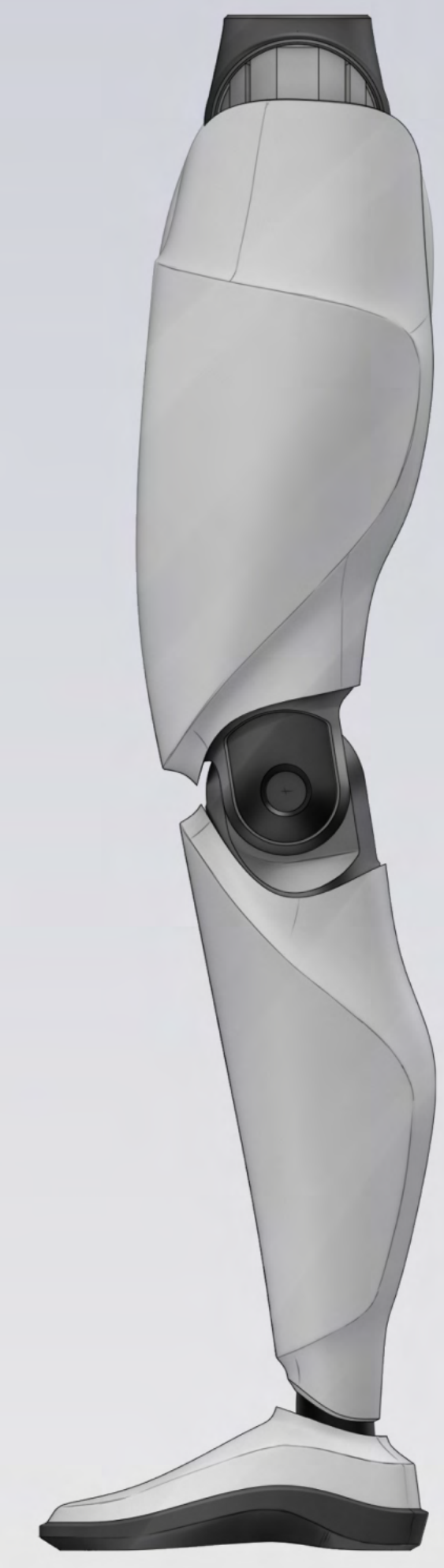
LEGS



EXPERIMENTAL THIGH DESIGN

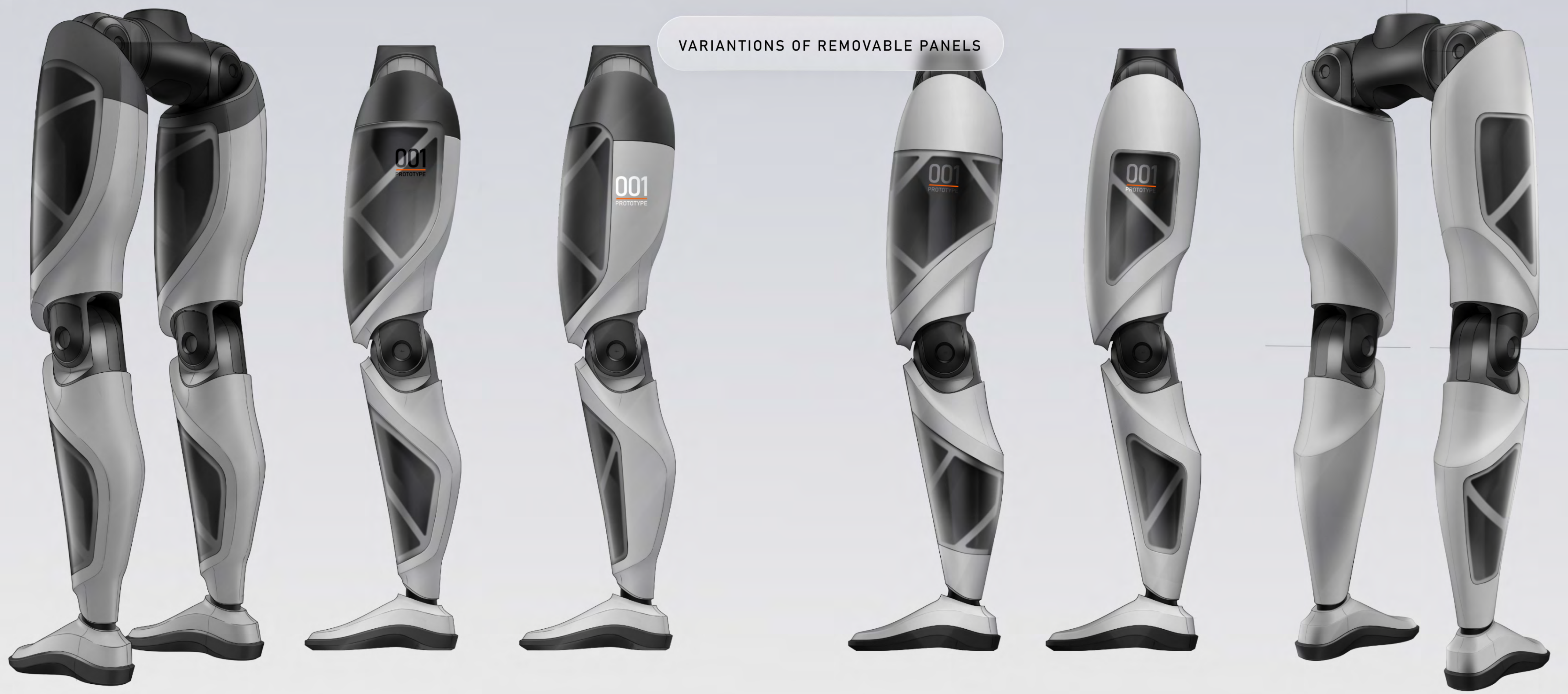


MORE REFINED CALF DESIGN



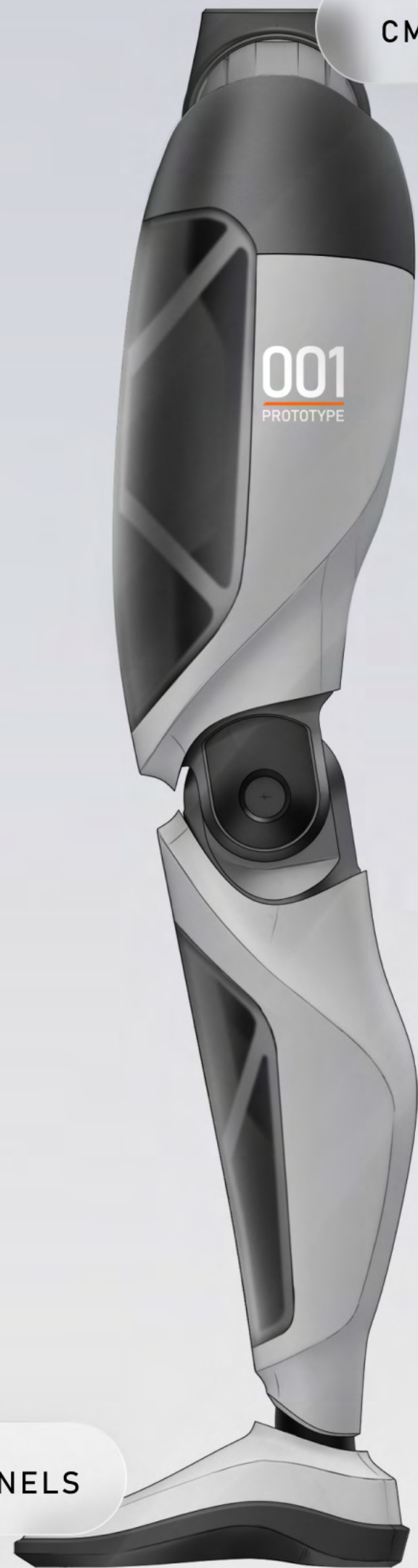
LEGS

VARIATIONS OF REMOVABLE PANELS



LEGS

CMF EXAMPLES



TRANSPARENT PANELS



COMPOSITE MATERIALS

FABRIC FOR LESS INDUSTRIAL FEEL



HAND

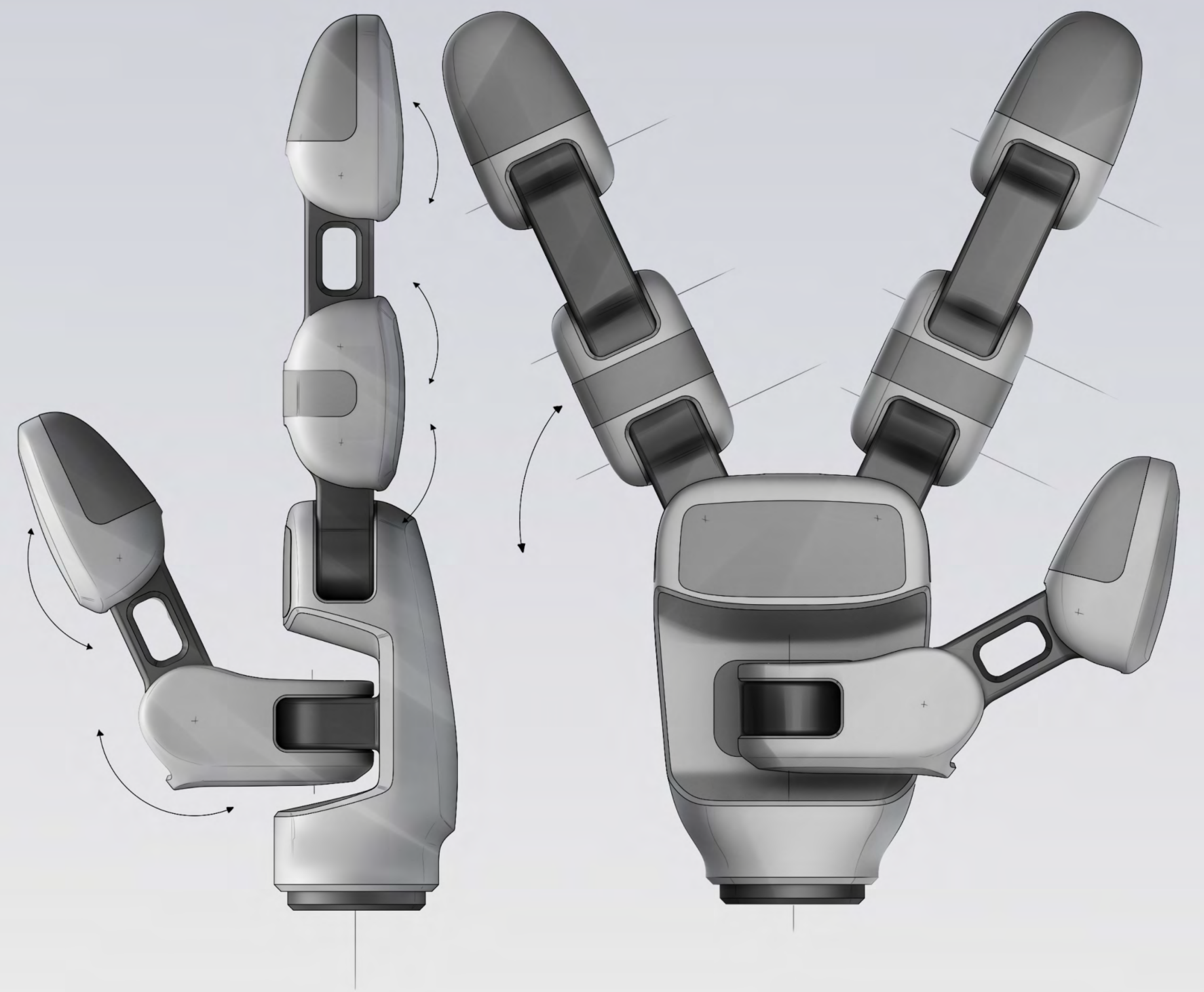


TWO FINGERS + ONE THUMB VERSION



LEFT/RIGHT THUMB OPTION

HAND



HAND



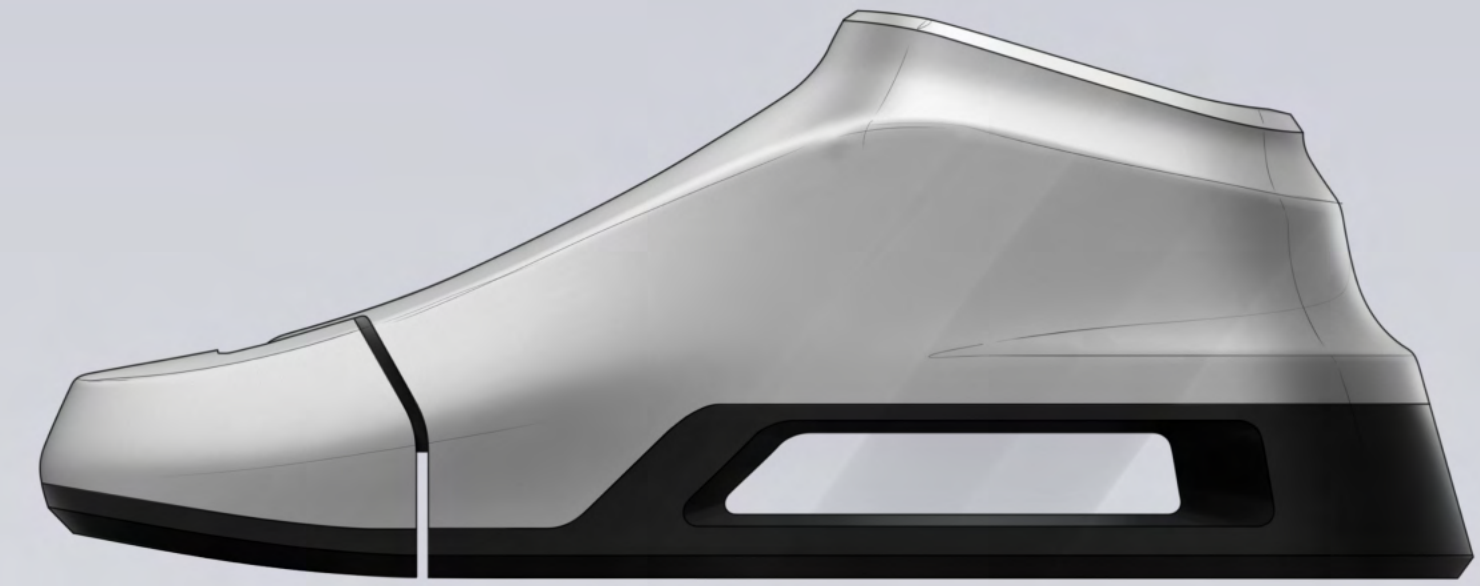
CMF EXAMPLES
COLOR, MATERIAL AND TEXTURE OPTIONS
FOR PERSONALIZATION

FEET

FEET ARE DESIGNED TO LOOK MORE LIKE A SHOE WITH PROPER SOLE



TOES ARE ON HIDDEN HINGE FOR BETTER STABILITY DURING MOVEMENT

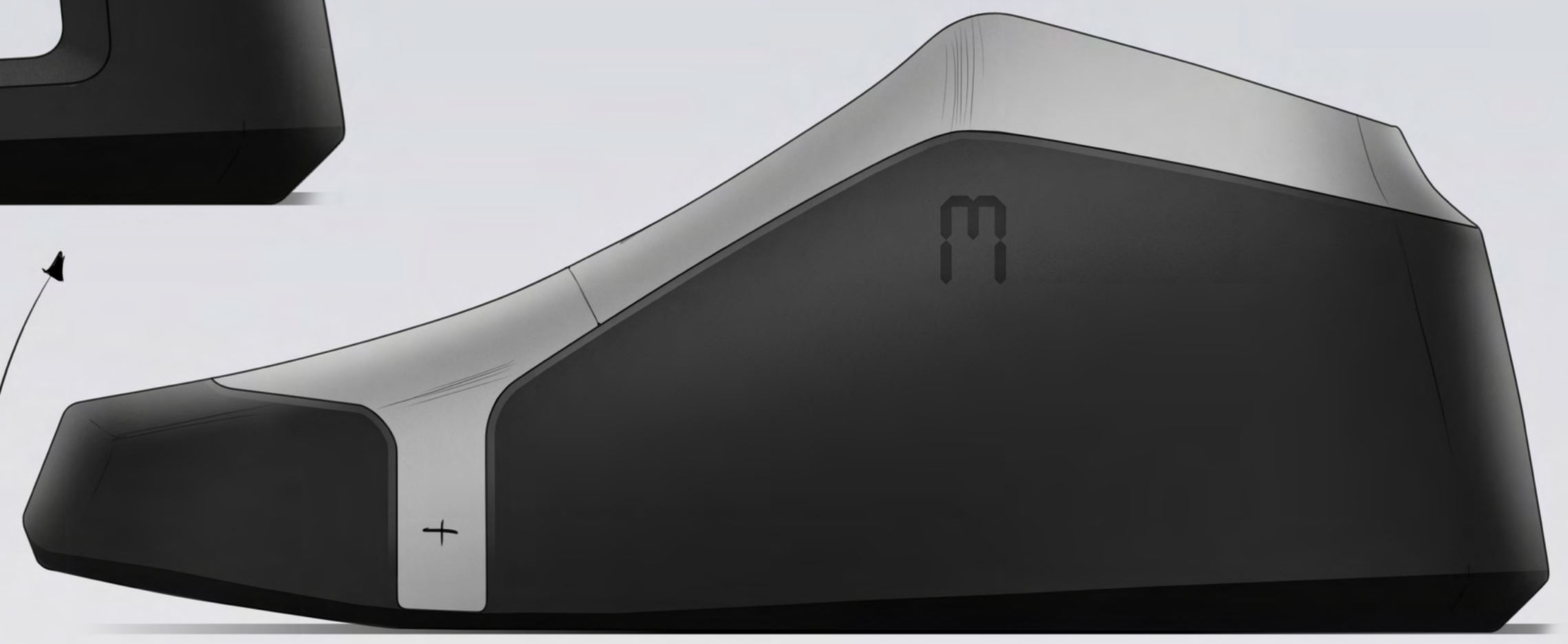
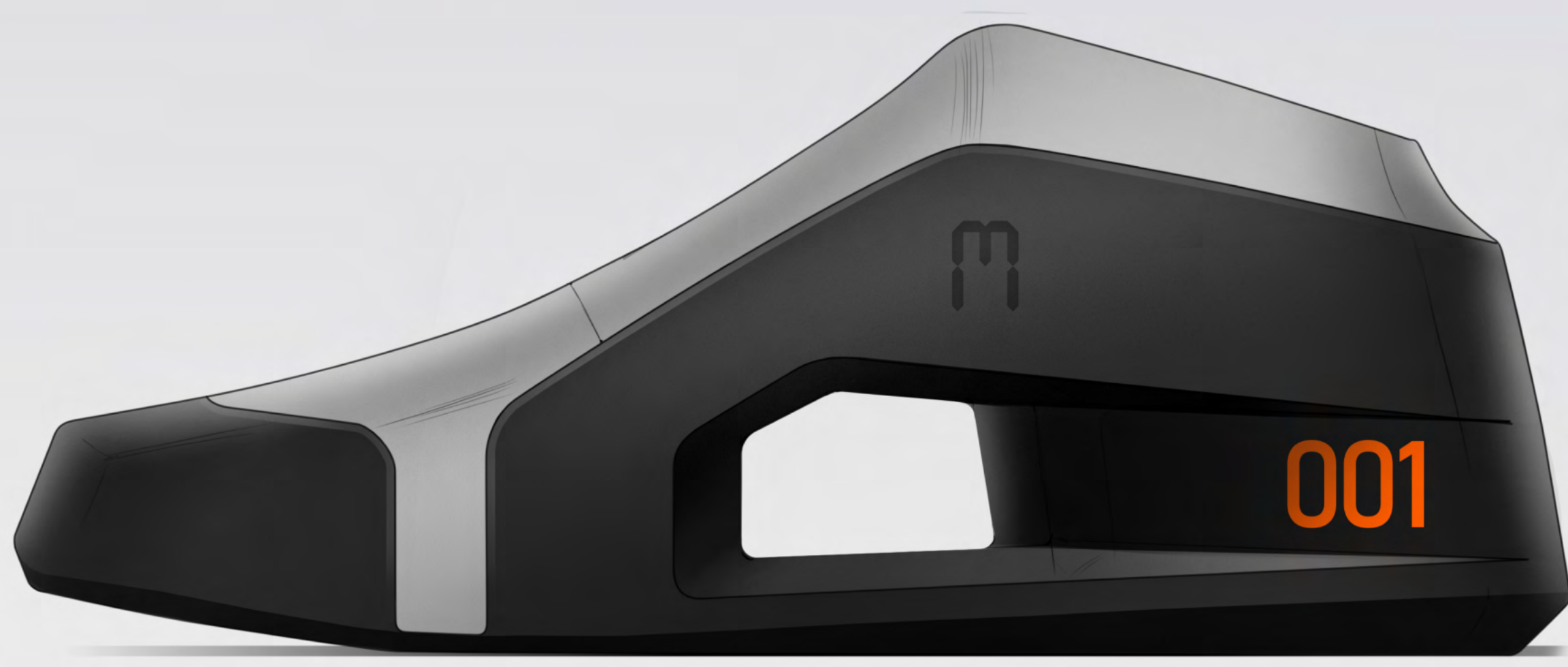
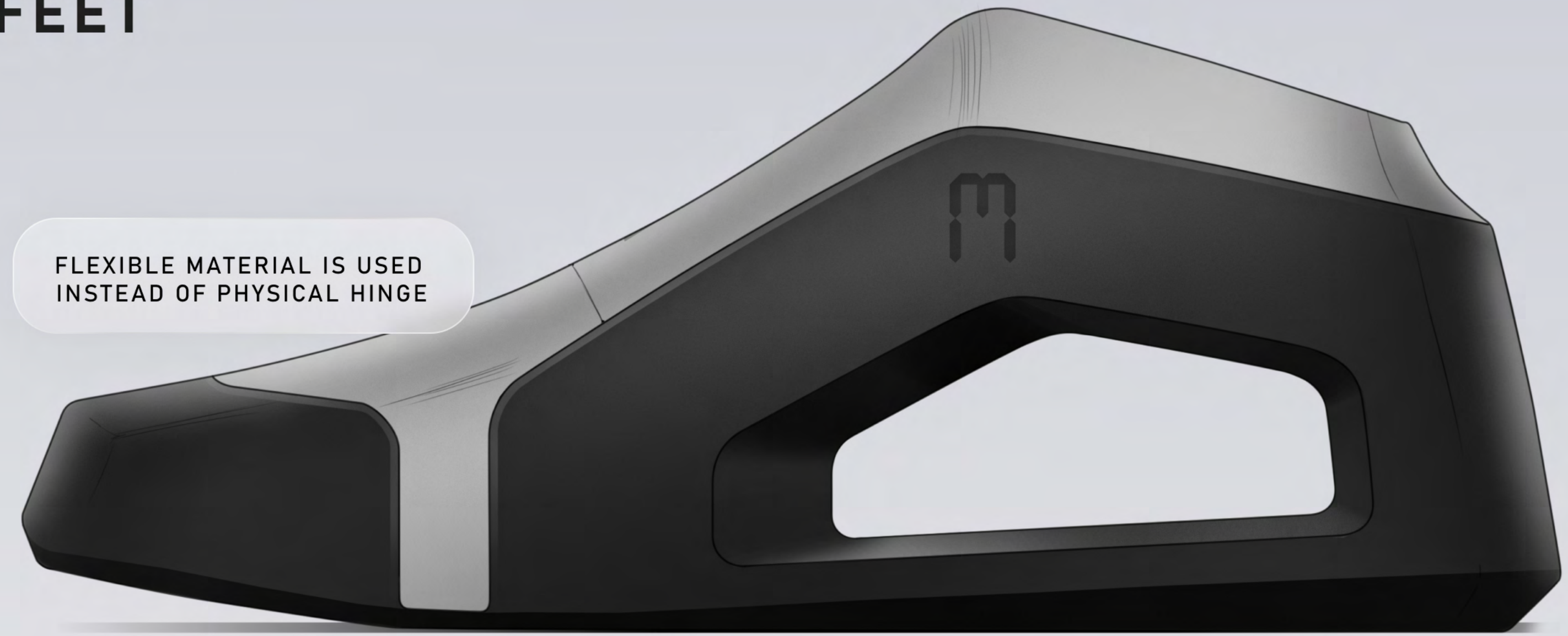


VARIATIONS WITH DIFFERENT SOLE DESIGNS



FEET

FLEXIBLE MATERIAL IS USED
INSTEAD OF PHYSICAL HINGE





ASIMOV

2026

