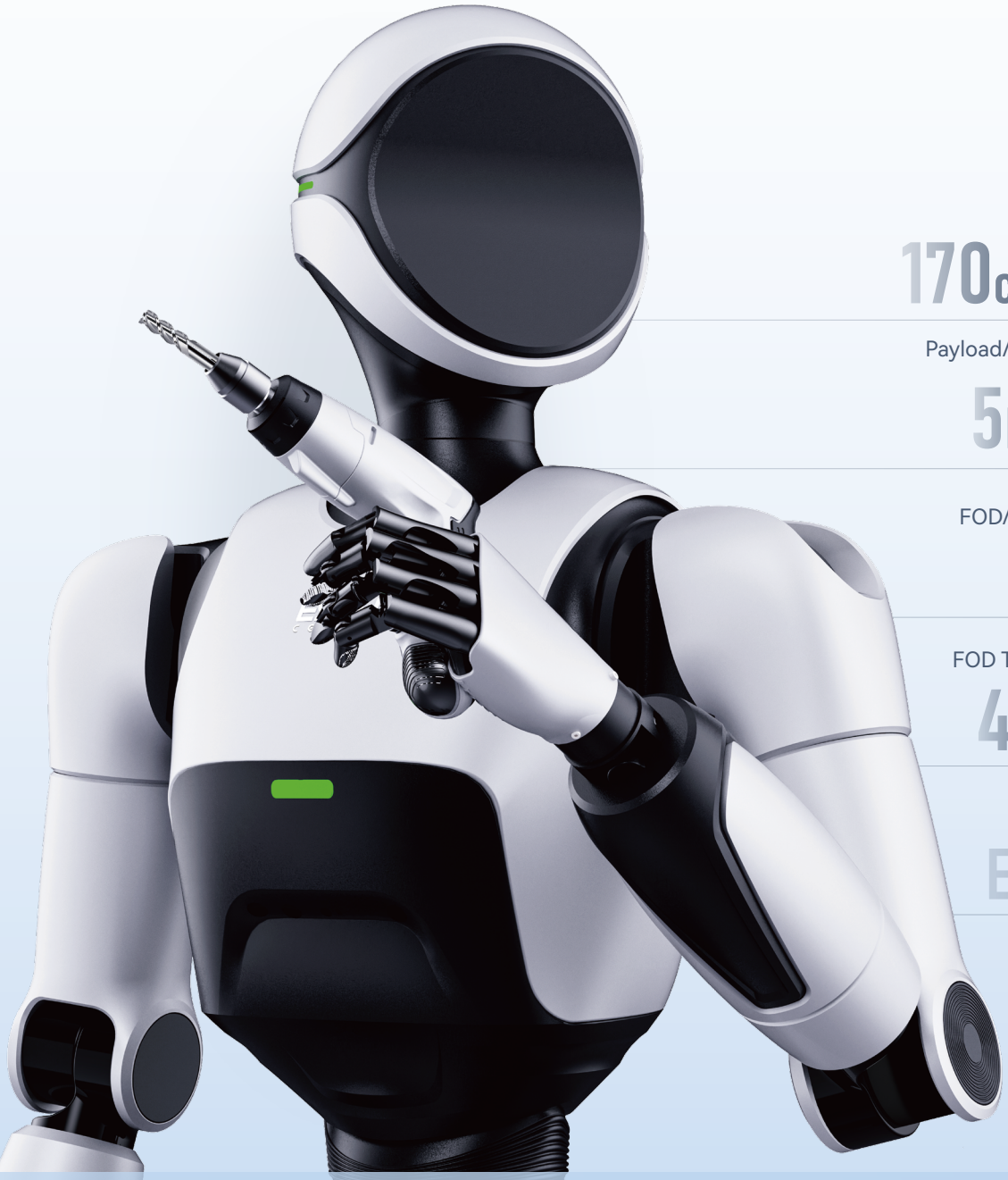
ESTUN
CODROID

EMBODIED AI - HUMANOID ROBOT

FUTURE-PROOF AI PHYSICAL FORM



170cm	< 80kg
Payload/Arm	Pace
5kg	5km/h
FOD/Arm	FOD/Leg
7	6
FOD Total	FOD/Hand
44	6-7
Drive mode	
Electrical drive	

Codroid 01

www.codroid.ai

HUMANOID ROBOT, INTEGRATIVE JOINT MODULE

FULLY SELF-DEVELOPED CORE COMPONENTS

> “To where it belongs with intelligence”

The outcome of humanoid robot key research project of the Sci-Tech Innovation Tasks 2023 issued by MIIT

Wrist/Ankle: prismatic actuator

» High space utilization and smooth running
» High efficiency, high rigidity

Shoulder/Hip: stiff actuator

» High load capacity, long service life, smooth running
» Small size, light weight, low noise
» High output torque and high speed ratio

Elbow/Knee: proprioceptive actuator

» Quick response, high torque density
» Low noise, impact-resistant, high reliability