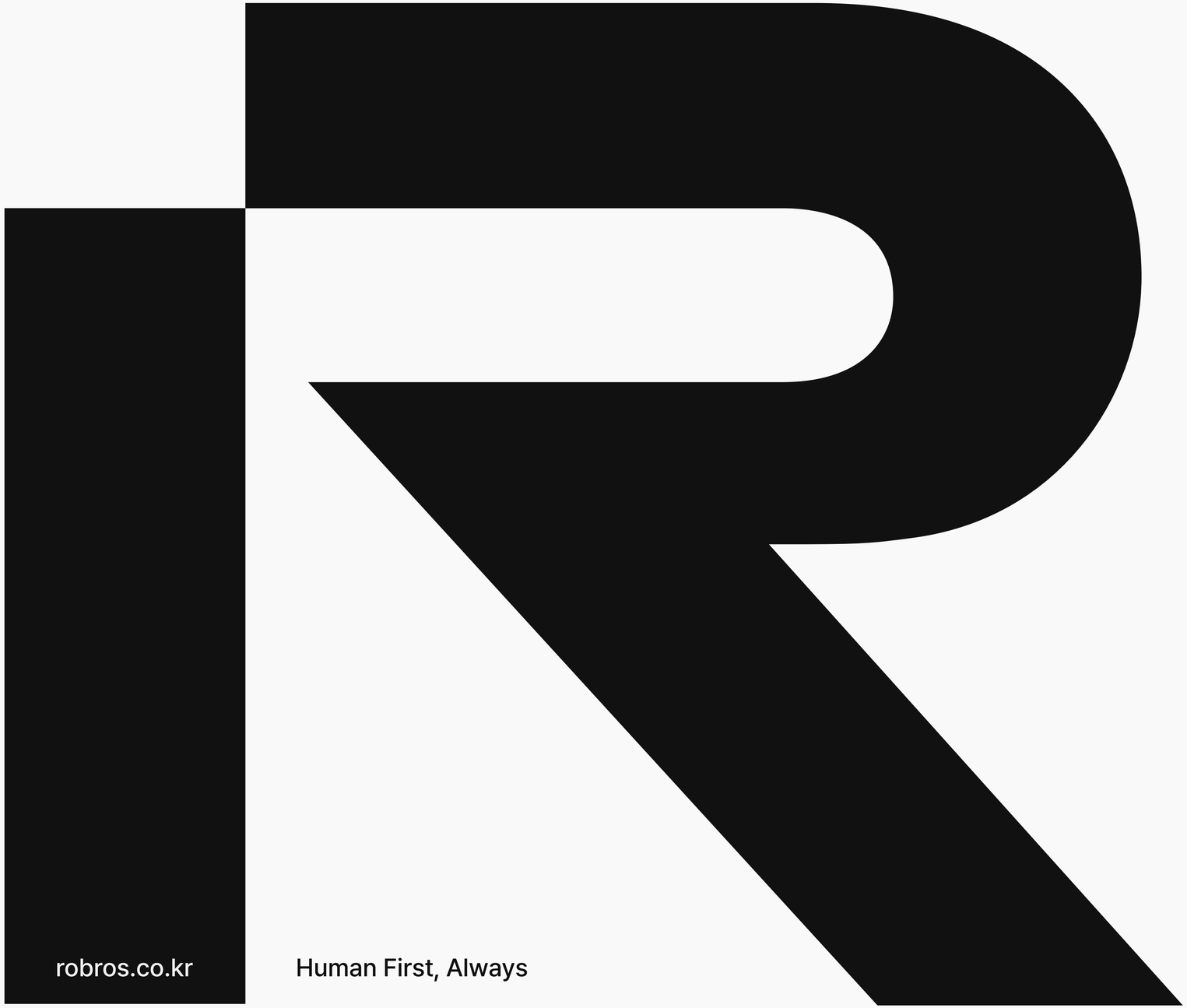
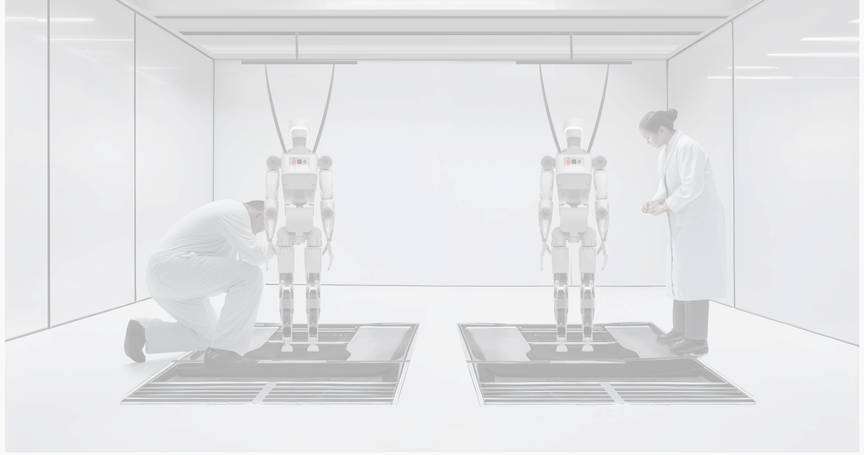
ROBROS

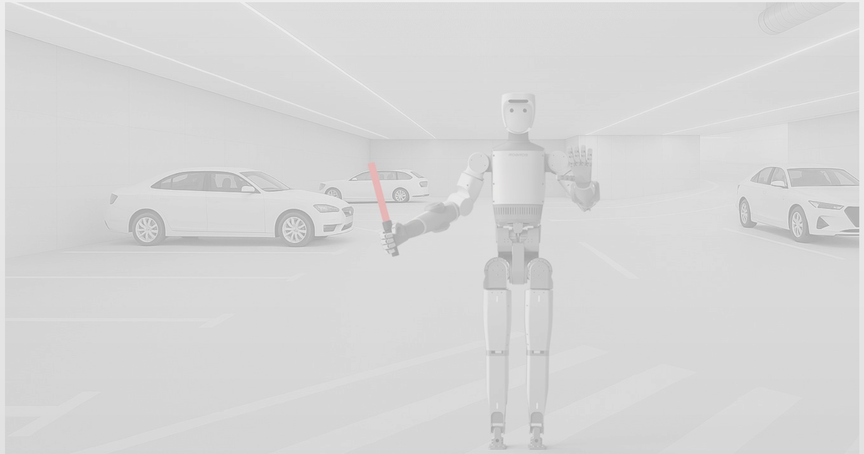


2025 Conference on Robot Learning

robros.co.kr

Human First, Always



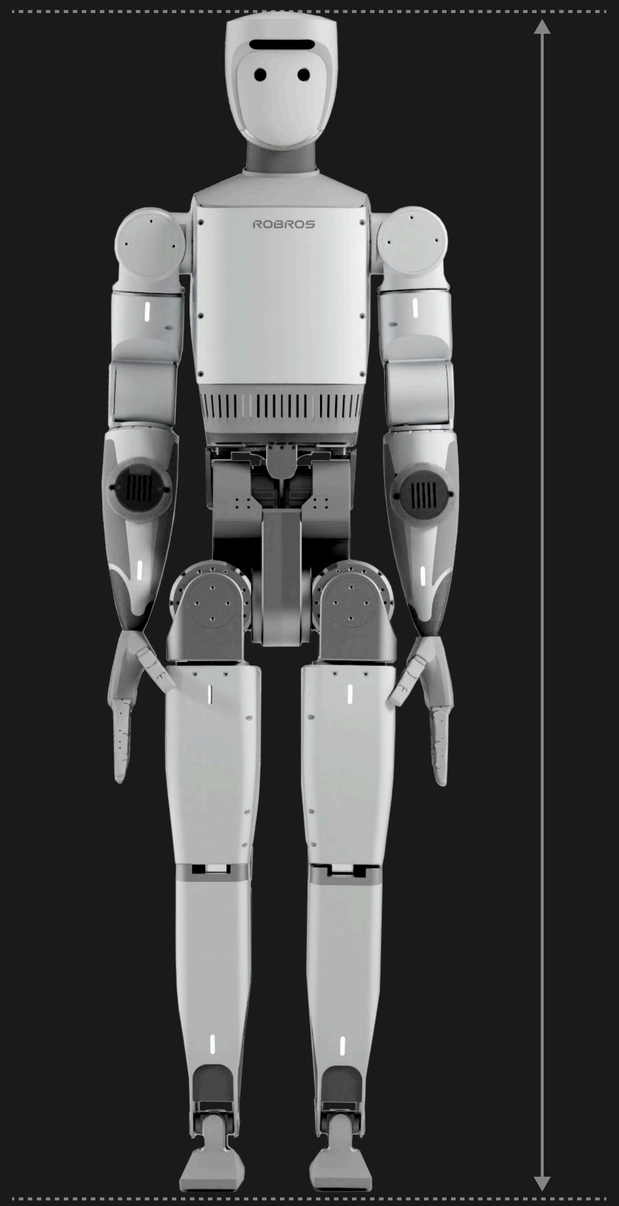


About ROBROS

ROBROS builds intelligent humanoid robots with full-stack, in-house technologies — from hardware to AI-based control.

Our proprietary algorithms allow real-time motion prediction and situational adaptation, enabling robots to respond to untrained environments dynamically.

ROBROS leads the age of Physical AI with truly adaptive, collaborative robotics.



AI Humanoid Robot

IGRIS-C

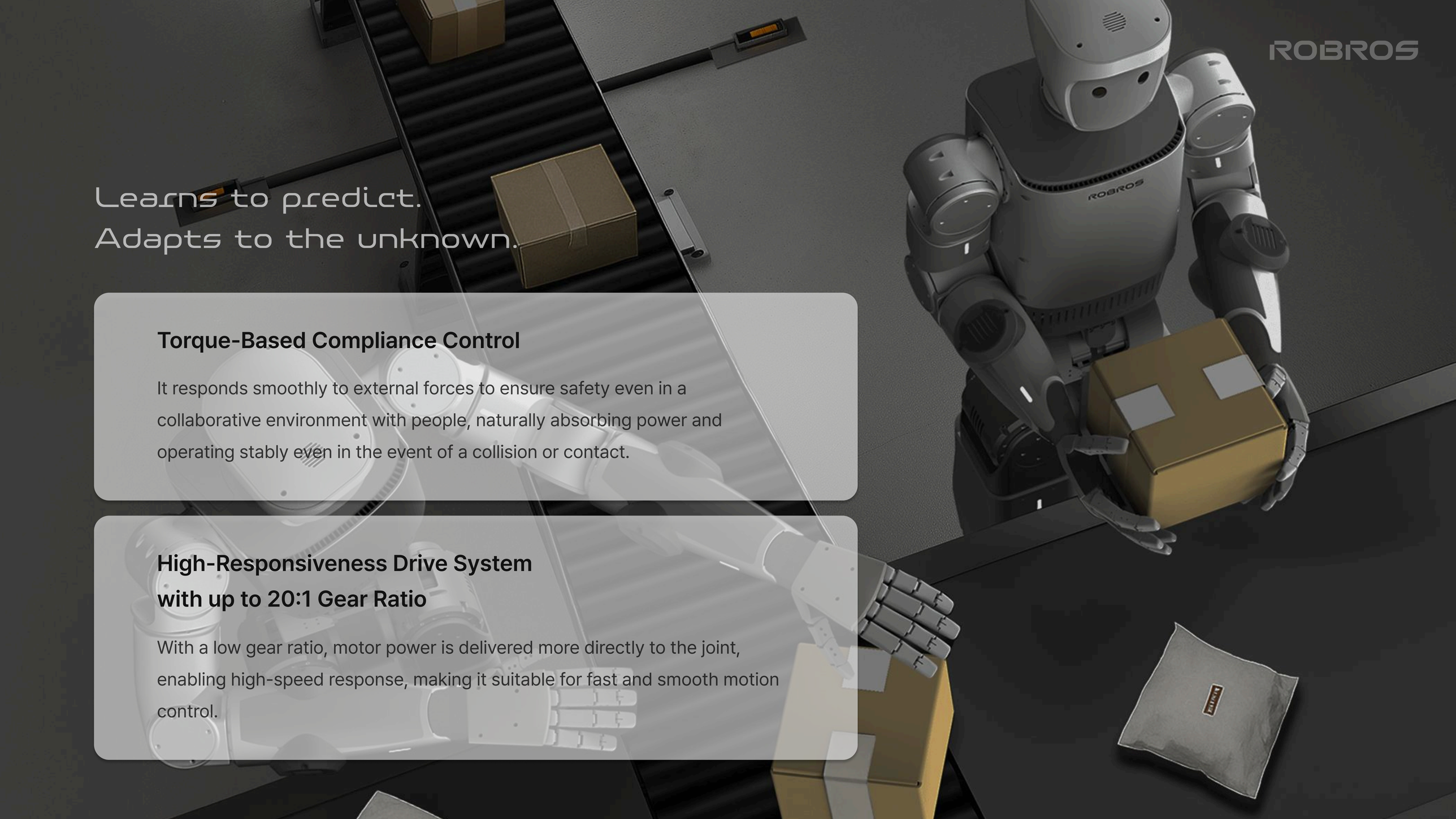
Compact. Smarter. Ready Anywhere.

Height of 154cm (60.63inch)
Weight of 60kg (132.28lbs)

Designed with a compact and lightweight structure, it can be used in narrow indoor spaces such as cafes, offices, schools, and research labs.

Powerful Joint Actuation with up to 150Nm Torque

Strong joint torque enables various postures and movements.
The robot can maintain balance and move steadily even on complex terrain such as slopes and stairs.



Learns to predict.
Adapts to the unknown.

Torque-Based Compliance Control

It responds smoothly to external forces to ensure safety even in a collaborative environment with people, naturally absorbing power and operating stably even in the event of a collision or contact.

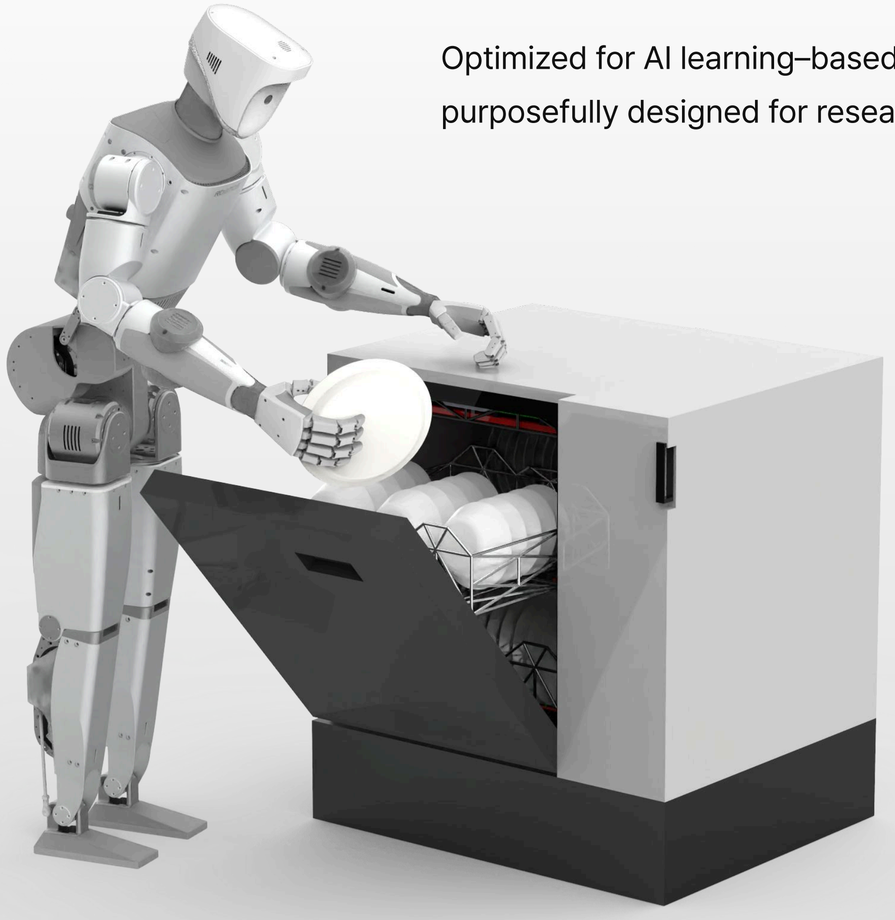
High-Responsiveness Drive System with up to 20:1 Gear Ratio

With a low gear ratio, motor power is delivered more directly to the joint, enabling high-speed response, making it suitable for fast and smooth motion control.

Applications

Research Humanoid Developed in Korea — Bringing AI into Reality

Optimized for AI learning–based control, ROBROS' IGRIS-C is purposefully designed for researchers.



K-Humanoids Optimized for Manufacturing and Logistics

A new partner for the future of robotic automation — from intelligent assembly tasks and repetitive operations to heavy load handling.

ROBROS

Human First, Always

Contact Us →