



MULTI-FORM EMBODIED ROBOT

# TRON 2

CUTTING-EDGE ALGORITHMS  
AT YOUR FINGERTIPS



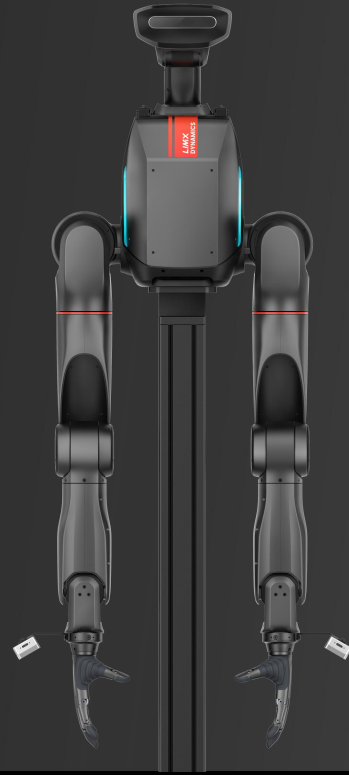




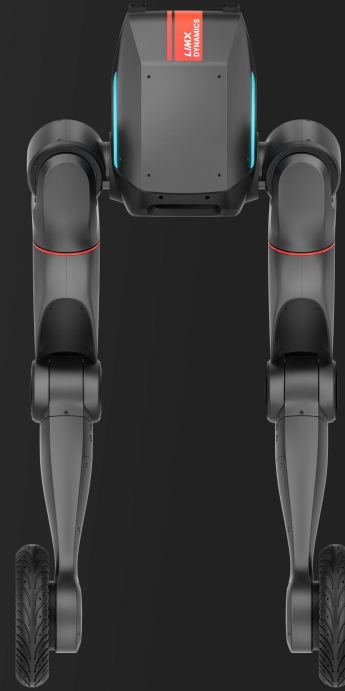
# Tri-Form New Configuration

One TRON 2  
Three Configurations  
Unlimited Possibilities

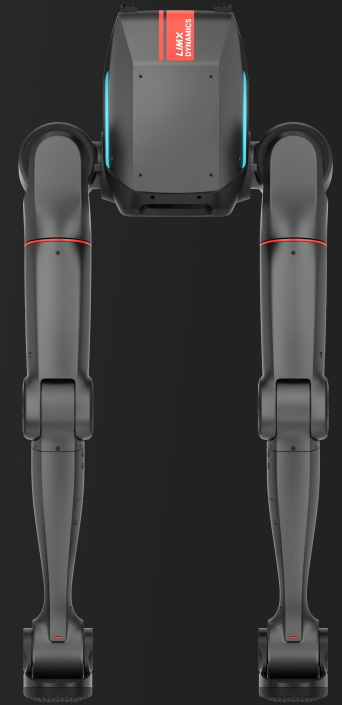
Dual Arms



Wheeled Legs



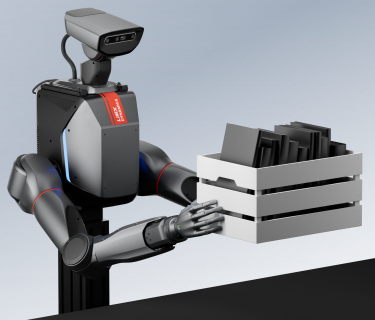
Sole





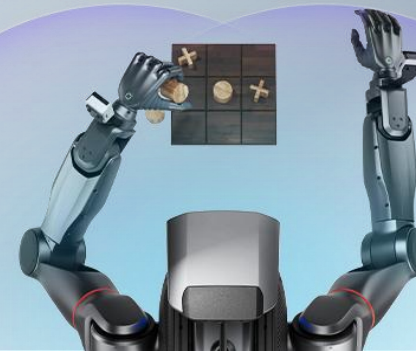
# Dual Arms Unlocking VLA Efficiency

**10kg**  
Dual-Arm  
Payload



70cm  
Arm Span      7-DoF  
Per Arm

Full Coverage  
Camera Vision



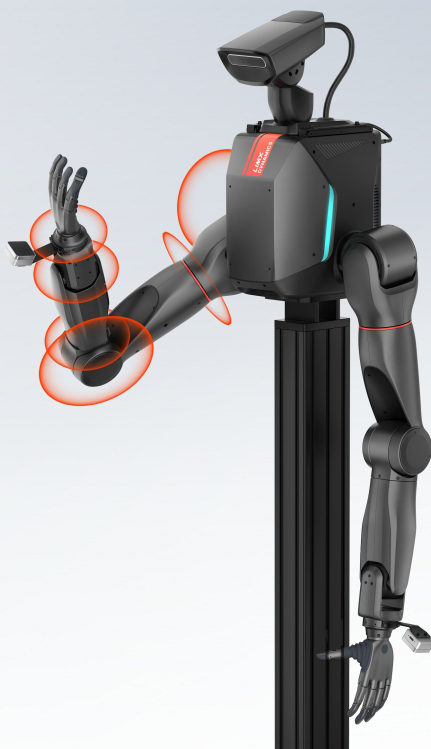
Industry-Leading  
Motion Algorithms:  
Natural Postures,  
Balanced Control



Industry-Leading  
Motion Control



100ms  
Teleoperation  
Latency






# Wheeled Legs

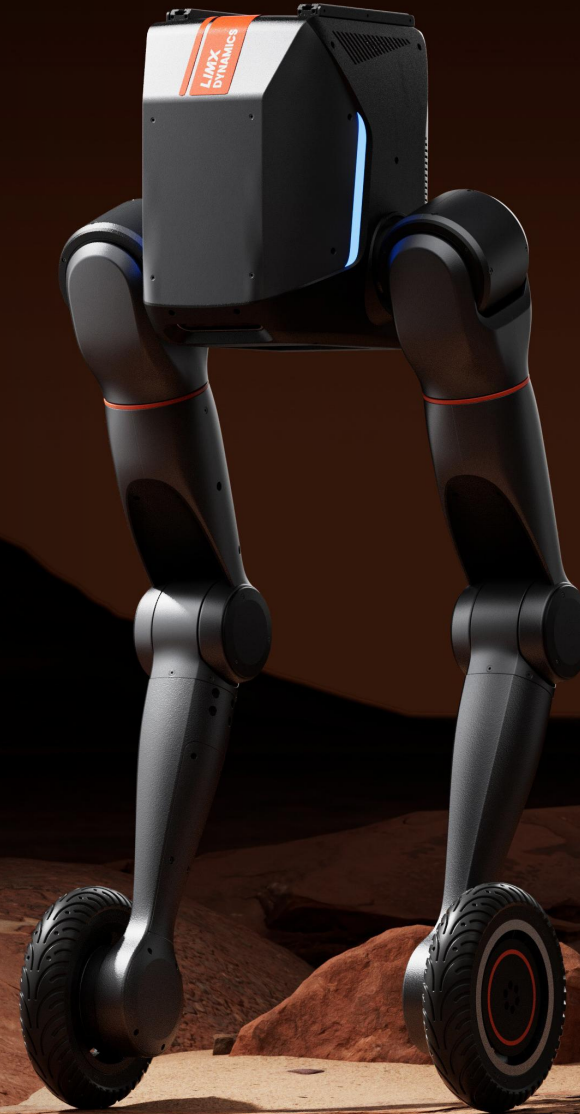
## Pioneering Industry Applications

**30kg Payloads** All-terrain mobility

 Now with auto-recharging to meet diverse research and industrial needs.

Boost  
**100%**  
Max Payload

Boost  
**80%**  
Battery Capacity






# Sole

Ideal for RL Research

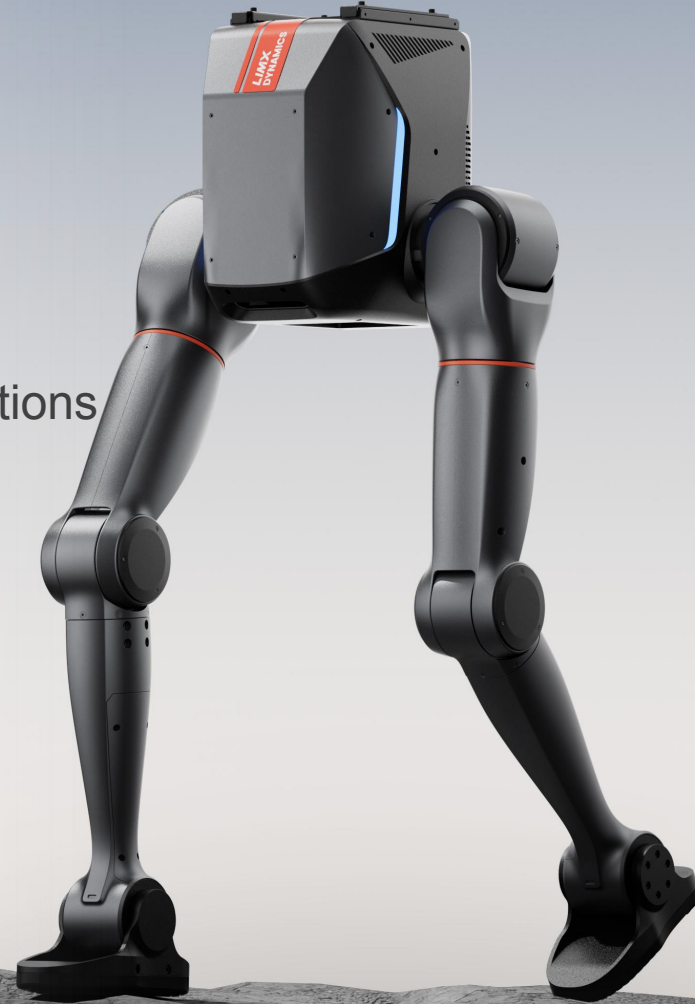
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**30kg Payloads** Freedom of Form, Flexible Combinations

 Climb the stairs step by step

Boost  
**100%**  
Max Payload

Boost  
**80%**  
Battery Capacity





# Wheeled Legs / Sole Parameter

	MOVEMENT SPEED	CLIMBING ANGLE	OBSTACLE CLEARANCE HEIGHT	BATTERY CAPACITY
Wheeled Legs	5m/s	30°	20cm	9Ah
Sole	3m/s	15°		



# Invisible Guardian, Effortless Smoothness

Safety boundary protection: Head, body, stand, desktop





# Ready Out of the Box, Development Made Easy



**2 Hours**

Master VLA  
in 2 Hours



**10+**

Example  
Tutorials



**ACT/Pi 0.5**

Classic  
Models

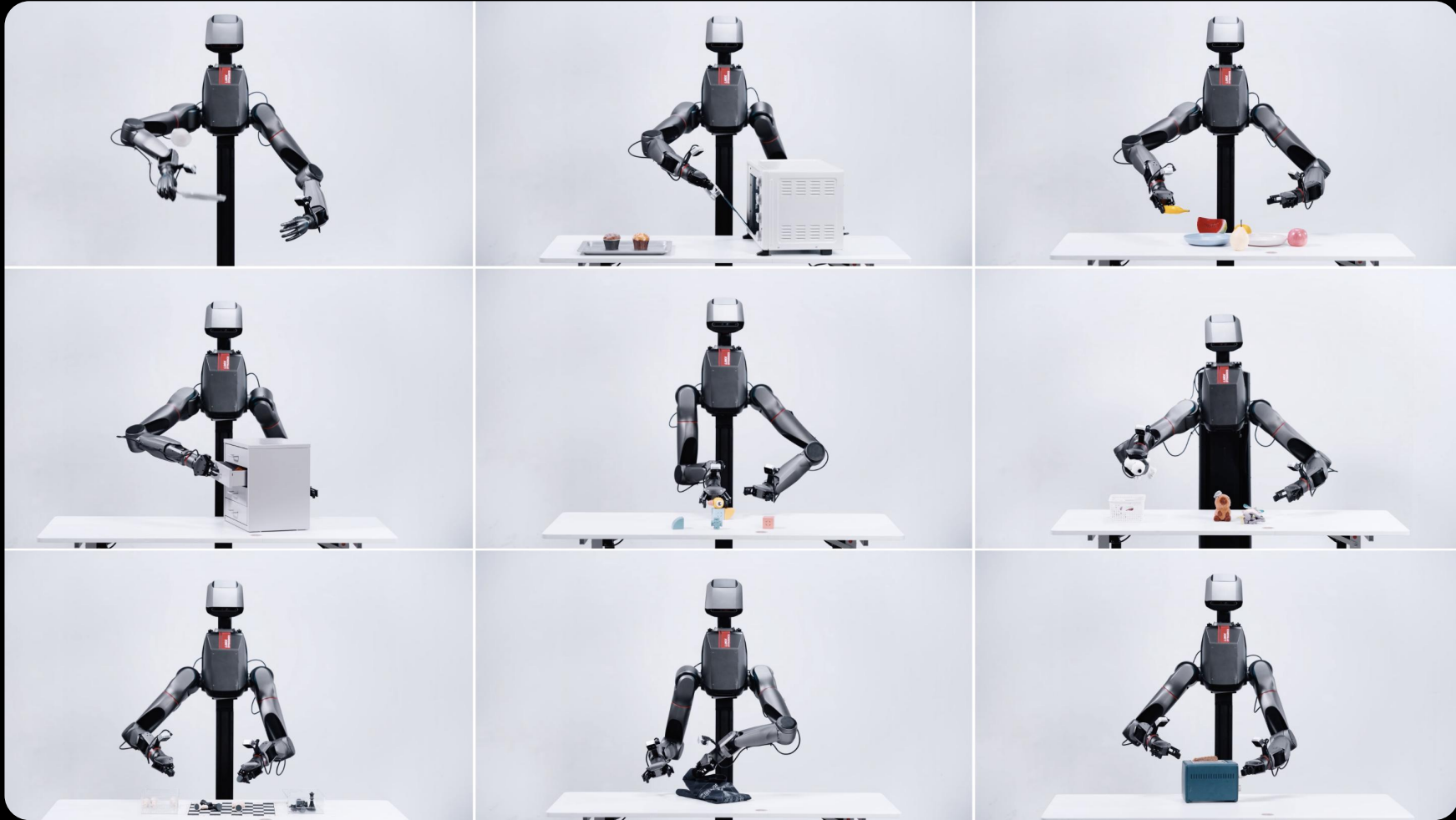


**10,000+**

Real-World  
Datasets  
Open-Sourced



# Comprehensive Tutorial Resources Master VLA in 2 Hours





# Development Support · Native VLA Platform

The screenshot displays the LIMX VLA Platform interface. On the left, a sidebar contains navigation options: 数据 (Data), 模型 (Model), 训练 (Training), and 管理 (Management). The main area is divided into several sections: '选择模型' (Select Model) with options like smolvla, pi0, pi05, and act; 'diffusion' (diffusion); 'ldmpc' (ldmpc); and '训练参数' (Training Parameters) with fields for batch\_size, steps, eval\_freq, and log\_freq. A table lists training episodes with columns for episode name and time. On the right, a video player shows a robot arm performing a task, with annotations such as 'pick (A) from (B)' and 'pick duck head on body' overlaid on the video frames.

## All-In-One VLA Platform

Streamline the entire workflow from data collection, cleaning, and annotation to training, inference, and task management. Accelerate innovation with ease.

Full-process coverage



Operation process Visualization





# Ongoing Updates via Github

URDF  
Complete  
and Clear



Supports  
Mainstream  
Simulators

Fully open SDK  
with high  
and low level  
Interfaces

Compatible  
with  
ROS1 & ROS2

Ongoing  
updates via  
Github

ROS



MuJoCo



# Multi-scenario Adaptation

Scientific research scenarios (algorithm training/data collection)





# Multi-scenario Adaptation

Industrial scenarios (complex task execution)





# Multi-scenario Adaptation

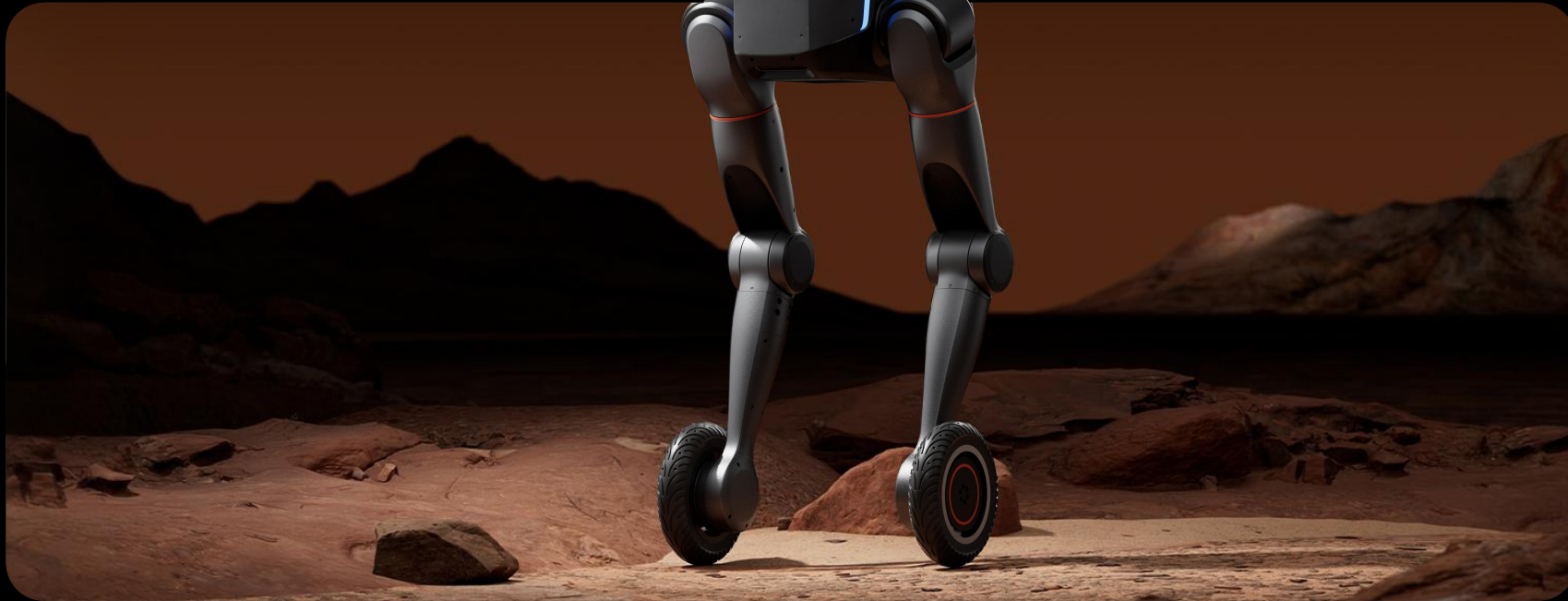
Dealing with complex challenges in all terrains





# Multi-scenario Adaptation

Dealing with complex challenges in all terrains





逐际动力  
LIMX DYNAMICS

EMPOWER  
INNOVATORS

General-purpose Robotics Company

 [limx.cn](http://limx.cn)



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TRON 2 Specifications



Contact Sales