

BASE ROBOT · AUTONOMOUS INDUSTRIAL FORKLIFT

RAPTOR Lift 2T-01

Riderless autonomous forklift that finishes the handling job — 1,500-2,000 kg by configuration on a zero-turn chassis, with site-specific outer masts, 3 LiDARs, 6 cameras, and a dedicated safety interlock system.



INDICATIVE UNIT PRICE USD 140,000	LEAD TIME First commercial availability 01 Oct 2026	CURRENCY USD
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SPECIFICATIONS

ModelRAPTOR Lift 2T-01

Payload	1,500-2,000 kg by outer-mast and load-center configuration
Lift range	Up to 3,100 mm in bespoke configuration
Vehicle	3,000 kg, dual-motor independent steering, zero-turn
Perception	2 solid-state LiDARs, 1 360-degree LiDAR, 6 cameras, natural-feature SLAM
Speed / accuracy	2.2 m/s max, positioning target ±10 mm
Power	72 V 18 kWh LFP, 2.5 h charge, IP54, -10°C to +45°C
Validated mobility	10.2° grade with raised 1,500 kg load, 80 mm floor discontinuities
Validated endurance	Up to 24 h full-charge-to-depletion under tested duty cycle
Safety	Dedicated interlock system, emergency stops, protected zones

KEY FEATURES

- + Finishes the Complete Handling Job — Observe, Decide, Check, Adapt
 - + Zero-Turn Dual-Motor Chassis, 2.2 m/s
 - + Dedicated Safety Interlock System (Certification in Progress)
- + Site-Specific Outer Masts for Pallets, Bobbins, and Foundry Ingots
 - + Natural-Feature SLAM — No Guide Wires, Markers, or Reflectors

This is an indicative, non-binding quotation generated for evaluation purposes. Final pricing depends on configuration, options, volume, and delivery terms. Contact Seoul Dynamics for a formal offer.