

Heavy-duty performance for back- of-house operations



Improve safety, efficiency, productivity, and patient care while cutting operational costs

Rocket & Eclipse robots are optimized for high-capacity, heavy-load material movement, supporting the core logistics infrastructure of a hospital. These vehicles are ideal for bulk operations, lower-level corridors, and service areas.

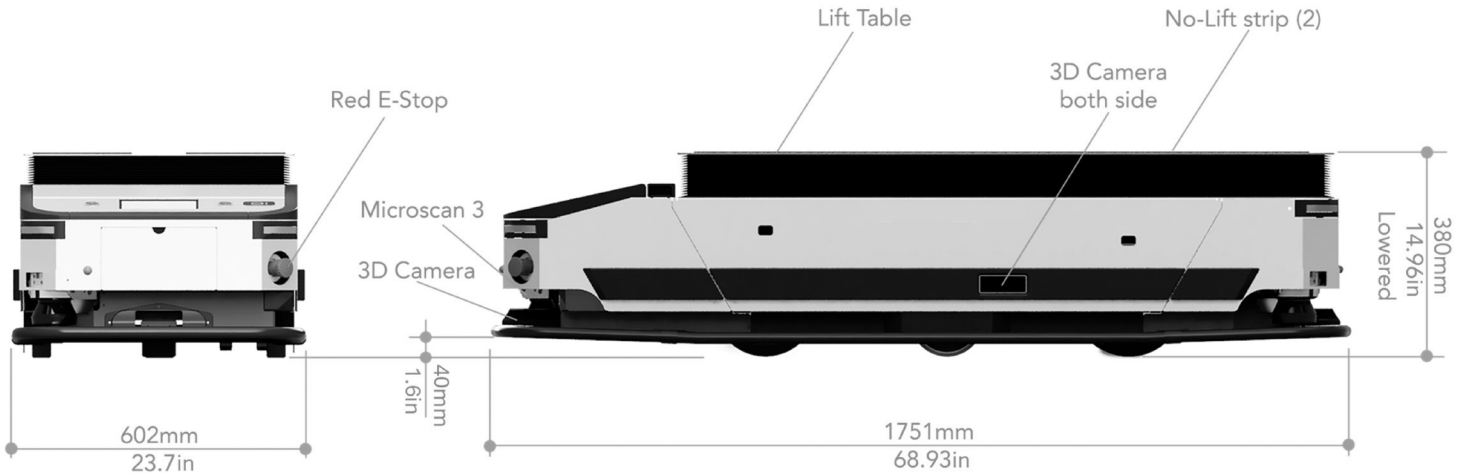
Key Applications

- Soiled linen removal
- Waste & biohazard transport
- Bulk supply & storeroom restocking
- Dietary cart transfer
- Equipment & rack transport
- Reusable surgical supply returns



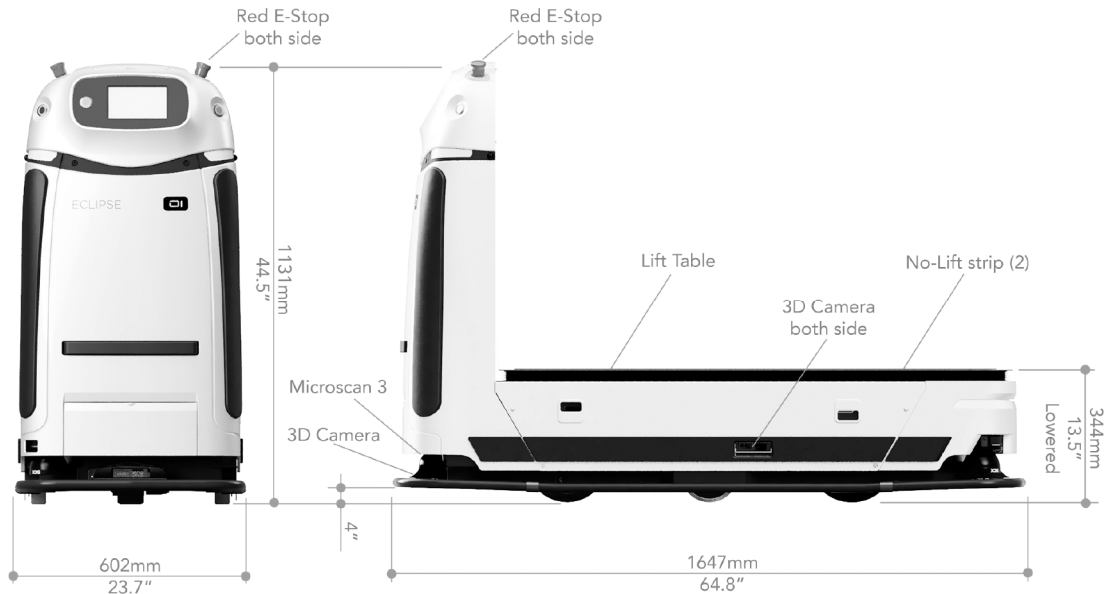
Rocket

Eclipse



Specifications

Dimensions & Weight	Vehicle size	L: 68.9 in (1,750 mm); W: 23.7 in (602 mm); H: 14 in (355 mm)
	Vehicle weight w/o battery	607 lb (275 kg)
	Vehicle weight with battery	695 lb (315 kg)
Payload & Features	Maximum payload	1,100 lb (500 kg)
	Payload max dimensions	L:60 in (1,524 mm); W:33 in (900 mm); H:73 in (1,854 mm)
Battery	Battery chemistry	LiNMC 40V 105Ah
	Battery performance	DoD: 80%; 12h run time; 1h charging time
Performance	Kinematics and drive	Diamond and bidirectional
	Speed	354FPM (1.8 m/s)
	Lift stroke	4 in (100 mm)
Materials	Chassis material	AISI 304
	Shell material	AISI 304 - Painted Steel
Communication	Wi-Fi - WLAN 802.11a/b/g/n - 2.4/5 GHz	
Safety	Safety devices	Two (2) SICK microScan3 9 m (height for positioning from the ground: 115 mm front and rear); sensitive board (front/rear); N.2 E-stop buttons; safety control central unit PLe
	Safety field shape	360° w/o payload - 180° front/rear with payload
	Video monitoring	Four (4) 3D cameras: front, rear, sides
Environment	Temperature	From 41° F to 95° F (5° C to 35° C)
	Working relative humidity	From 30% to 80% (absence of condensation)



Specifications

Dimensions & Weight	Vehicle size	L: 64.8 in (1,645 mm); W: 23.7 in (602 mm); H: 44.5 in (1,131 mm) Deck height lowered: H: 13.5 in (344 mm)
	Vehicle weight w/o battery	710 lb (322 kg)
	Vehicle weight with battery	798 lb (362 kg)
Payload & Features	Maximum payload	1,100 lb (500 kg)
	Payload max dimensions	L: 53 in (1,350 mm); W: 33 in (838 mm); H: 73 in (1,854 mm)
Battery	Battery chemistry	LiNMC 40V 105Ah
	Battery performance	DoD: 80%; 12h run time; 1h charging time
Performance	Kinematics and drive	Diamond and bidirectional
	Speed	354 FPM (1.8 m/s)
	Lift stroke	4in (100 mm)
Materials	Chassis material	AISI 304
	Shell material	Injection-molded plastic
Communication	Wi-Fi - WLAN 802.11a/b/g/n - 2.4/5 GHz	
Safety	Safety devices	Two (2) SICK microScan 3 9m (height for positioning from the ground: 115mm front and rear); sensitive board (front/rear); N.3 E-stop buttons; safety control central unit PLe
	Safety field shape	360° w/o payload – 180° front/rear with payload
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