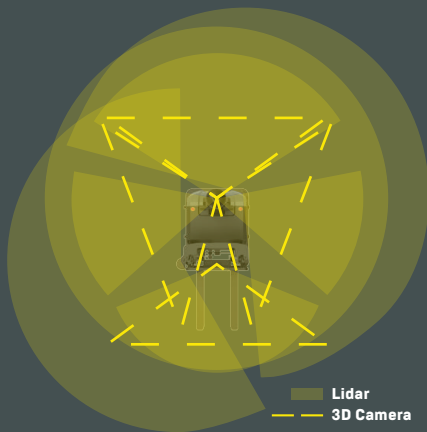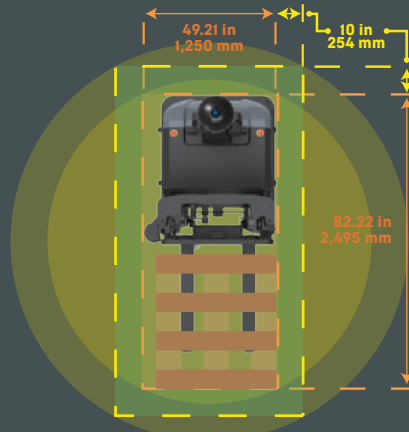# APEX C1500-L
Smart, Reliable, Safe.

Apex C1500-L is the most versatile autonomous forklift that works together with other AMRs and automation equipment; is compatible with GMA and Euro pallets; and covers end-to-end pallet movement, pallet stacking, high shelf receiving and putaway for payloads up to 1,500 kg. This product has been passed CE-MD ISO3691-4 certification.
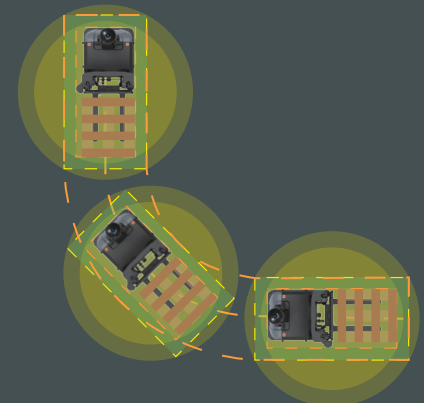
REFERENCE

Lidar
3D Camera

SAFETY COVERAGE

49.21 in
1,250 mm

10 in
254 mm

82.22 in
2,495 mm

DRIVING SURFACE

TURNING REFERENCE

richmondrobotics.au

PRODUCT SPECIFICATION

APEX C1500-L

Dimensions		
	Length	2,495 mm (82.22 in)
	Width	1,250 mm (49.21 in)
	Height	2,190 mm (86.22 in)
	Turning Diameter	3,020 mm (118.89 in)

Payload		
	Weight	2,700 kg (5,952 lbs)
	Max. Payload	1,500 kg (3,306 lbs)

Function		
	Configuration	Yes
	Fork Dimensions	1,160/122/40 mm (45.66/4.80/1.57 in)
	Fork Carriage Width	680/560/460 mm (26.77/22.04/18.11 in)
	Default Fork Height	40 mm (1.57 in)
	Max. Fork Height (Customizable)	3,000 mm (118.11 in)-1,500 kg (3,306 lbs) 4,500 mm (177.16 in)-600 kg (1,322 lbs)
	Load Center	500 mm (19.68 in)
	Pallet Compatibility	Euro Pallets, GMA Pallets, Customized Pallets*

Performance		
	Navigation Mode	Natural / Preferred Route / Hybrid
	Positioning Mode	Laser SLAM / Visual Semantics / Optional QR Code Navigation

Communication		
	Wi-Fi (IEEE 802.11a/b/g/nac)	Yes
	Wi-Fi (IEEE 802.11ax)	Optional
	Cellular Network (Public 4G/5G)	Optional

Power		
	Endurance	~8 hrs Per Charge
	Battery Type	LFP

Sensors		
	LiDAR	5
	3D Cameras	-
	Pallet in-Place Sensor	2
	Pallet off-Place Sensor	2

Safety		
	Safety Bumper	Yes
	Emergency Stop Button	2

Compliance		
	CE	Yes