

# KENMEC

KENMEC Automation (Thailand) Co., Ltd.



# AMR PRODUCT CATALOG

# Pallet Truck

## K-PH150

K-PH150 is a compact pallet truck AMR with a picking path of only 2,000mm. This design saves a significant amount of space outside the storage area, making it an ideal solution for narrow space applications.



Large Load Capacity & Narrow Aisle Width



High Safety & High Reliability



Strong Environmental Adaptability



Smart Pallet Recognition

Specification		
Product Model	K-PH150	
	Type	Pallet Truck
Basic parameters	Dimensions	L1,608 x W830 x H1,910mm
	Rated load	1,500kg
	Weight	420kg
	Pallet Sizes	L1,400 x W1,400mm
	Lifting height	200mm
	Fork outer width	620mm
	Minimum ground clearance of the forks	83±3mm
	Navigation	SLAM
Security protection	Laser obstacle avoidance	Standard
	Marker lights	Standard
	Collision detection	Standard
	Sound and light alarm	Standard
	E-STOP button	Standard
	Pallet in place detection	Standard
	Fork tip laser	Standard
Athletic performance	No-load maximum speed	1.5m/s
	Operating speed with rated load	1.2m/s
	Stop position accuracy	±10mm
	Minimum pickup width	2,000mm
	Travel direction	Forward/Backward + Arc Turn
Battery performance	Battery lifespan	2,000 times
	Rated operating time	6h
	Charging time	1.5h

# Pallet Stacking

## K-VN150

K-VN150 is a compact pallet stacking AMR designed to handle loads up to 1,500kg. It has a max lifting height of 2,000mm and can navigate through picking aisles as narrow as 2,200mm, making it an ideal solution for companies looking to maximize storage density.



Large Load Capacity & Narrow Aisle Width



High Safety & High Reliability



Strong Environmental Adaptability



Smart Pallet Recognition

Specification		
Product Model	K-VN150	
	Type	Pallet Stacking
Basic parameters	Dimensions	L1,735 x W979 x H1,931mm
	Rated load	1,500kg
	Weight	780kg
	Pallet Sizes	L1,400 x W1,400mm
	Lifting height	2,000mm
	Fork outer width	530/620mm
	Minimum ground clearance of the forks	87±3mm
	Navigation	SLAM
Security protection	Laser obstacle avoidance	Standard
	Marker lights	Standard
	Collision detection	Standard
	Sound and light alarm	Standard
	E-STOP button	Standard
	Pallet in place detection	Standard
	Fork tip laser	Standard
Athletic performance	No-load maximum speed	1.5m/s
	Operating speed with rated load	1.2m/s
	Stop position accuracy	±10mm
	Minimum pickup width	2,200mm
	Travel direction	Forward/Backward + Arc Turn
Battery performance	Battery lifespan	2,000 times
	Rated operating time	6h
	Charging time	1.5h

# Counterbalance

## K-CF150

K-CF150 is a counterbalanced forklift, which is designed for handling and transporting goods within warehouses. This product transports industrial raw materials, finished products, and semi-finished products on pallets.



Large Load Capacity



High Safety & High Reliability



Strong Environmental Adaptability



Smart Pallet Recognition

Specification		
Product Model	K-CF150	
	Type	Counterbalance
Basic parameters	Dimensions	L2,427 x W1,209 x H2,045mm
	Rated load	1,500kg
	Weight	2,700kg
	Pallet Sizes	L1,200 x W1,200mm
	Lifting height	4000mm
	Fork outer width	535/610/705mm
	Minimum ground clearance of the forks	60±3mm
	Navigation	SLAM
Security protection	Laser obstacle avoidance	Standard
	Marker lights	Standard
	Collision detection	Standard
	Sound and light alarm	Standard
	E-STOP button	Standard
	Pallet in place detection	Standard
	Fork tip laser	Standard
Athletic performance	No-load maximum speed	1.5m/s
	Operating speed with rated load	1m/s
	Stop position accuracy	±30mm
	Minimum pickup width	3,420mm
	Travel direction	Forward/Backward + Arc Turn
Battery performance	Battery lifespan	2,000 times
	Rated operating time	6h
	Charging time	2.5h

# Reach Truck

## K-RT200

K-RT200 is a compact reach truck AMR designed to handle loads up to 2,000kg. It has a max lifting height of 7,500mm and adapt to warehouses with high density requirements.



Large Load Capacity & High Lifting Height



High Safety & High Reliability



Strong Environmental Adaptability



Smart Pallet Recognition

Specification		
Product Model	K-RT200	
	Type	Reach Truck
Basic parameters	Dimensions	L2,565 x W1,365 x H3,142mm
	Rated load	2,000kg
	Weight	2,950kg
	Pallet Sizes	L1,200 x W1,200mm
	Lifting height	7500mm
	Fork outer width	475/605/745mm
	Minimum ground clearance of the forks	50±3mm
	Navigation	SLAM
Security protection	Laser obstacle avoidance	Standard
	Marker lights	Standard
	Collision detection	Standard
	Sound and light alarm	Standard
	E-STOP button	Standard
	Pallet in place detection	Standard
	Fork tip laser	Standard
Athletic performance	No-load maximum speed	1.5m/s
	Operating speed with rated load	1m/s
	Stop position accuracy	±30mm
	Minimum pickup width	4,480mm
	Travel direction	Forward/Backward + Arc Turn
Battery performance	Battery lifespan	2,000 times
	Rated operating time	6h
	Charging time	5h

# Platform AMR

## K-LA040

K-LA040 platform AMR utilizes a modular design concept with streamlined product interior, improved product robustness, easy operation & maintenance. The product is equipped with 360° laser protection to ensure safer and more reliable human-machine interaction.



Hybrid Navigation



High Safety & High Reliability



Fast Battery Switch



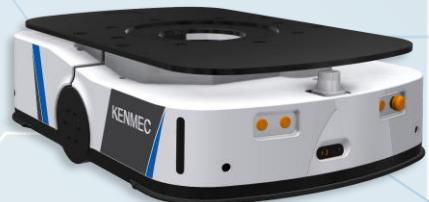
Intelligent Recognition

Specification		
Product Model	K-LA040	
	Type	Platform AMR
Basic parameters	Dimensions	L780 x W540 x H250mm
	Rated load	400kg
	Weight	100kg
	Rack Sizes	L2,100 x W1,400mm
	Lifting stroke	60mm
	Navigation	SLAM + QR code (Optional)
Security protection	Laser obstacle avoidance	Standard
	Marker lights	Standard
	Collision detection	Standard
	Sound and light alarm	Standard
	E-STOP button	Standard
Athletic performance	No-load maximum speed	2m/s
	Operating speed with rated load	1.5m/s
	Stop position accuracy	±10mm
	Travel direction	Forward/Backward + Rotate in place
Battery performance	Battery lifespan	1,500 times
	Rated operating time	6h
	Charging time	1.3h

# Platform AMR

## K-LA060

K-LA060 platform AMR utilizes a modular design concept with streamlined product interior, improved product robustness, easy operation & maintenance. The product is equipped with 360° laser protection to ensure safer and more reliable human-machine interaction.



Hybrid Navigation



High Safety & High Reliability



Fast Battery Switch



Intelligent Recognition

Specification		
Product Model	K-LA060	
	Type	Platform AMR
Basic parameters	Dimensions	L950 x W650 x H250mm
	Rated load	600kg
	Weight	150kg
	Rack Sizes	L2,700 x W1,600mm
	Lifting stroke	60mm
	Navigation	SLAM + QR code (Optional)
Security protection	Laser obstacle avoidance	Standard
	Marker lights	Standard
	Collision detection	Standard
	Sound and light alarm	Standard
	E-STOP button	Standard
Athletic performance	No-load maximum speed	2m/s
	Operating speed with rated load	1.5m/s
	Stop position accuracy	±10mm
	Travel direction	Forward/Backward + Rotate in place
Battery performance	Battery lifespan	1,500 times
	Rated operating time	8h
	Charging time	1.5h

# Platform AMR

## K-LA150

K-LA150 is a platform AMR with a rated load of 1500kg, which is optimized for narrower aisles and a wider variety of vehicles. It is usually used in industrial and warehouse logistics applications, which can effectively improve production efficiency and reduce logistics costs.



Hybrid Navigation



High Safety & High Reliability



Size optimization



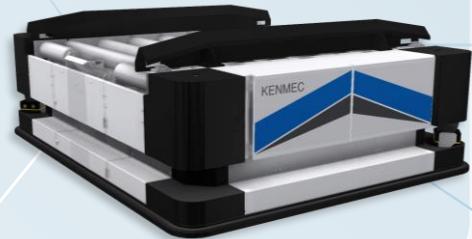
Intelligent Recognition

Specification		
Product Model	K-LA150	
	Type	Platform AMR
Basic parameters	Dimensions	L1,148 x W820 x H265mm
	Rated load	1,500kg
	Weight	258kg
	Rack Sizes	L2,700 x W1,600mm
	Lifting stroke	60mm
	Navigation	SLAM + QR code (Optional)
Security protection	Laser obstacle avoidance	Standard
	Marker lights	Standard
	Collision detection	Standard
	Sound and light alarm	Standard
	E-STOP button	Standard
Athletic performance	No-load maximum speed	1.5m/s
	Operating speed with rated load	1.2m/s
	Stop position accuracy	±10mm
	Travel direction	Forward/Backward + Rotate in place
Battery performance	Battery lifespan	1,500 times
	Rated operating time	8h
	Charging time	2h

# Roller AMR

## K-RL150

K-RL150 is a roller AMR with a rated load of 1500kg, which is designed for matching the conveyor system in production line. This product can transport industrial raw materials, finished products, and semi-finished products on pallets.



Large Load Capacity



High Safety & High Reliability



Strong Environmental Adaptability



Intelligent Recognition

Specification		
Product Model	K-RL150	
	Type	Roller AMR
Basic parameters	Dimensions	L1,749 x W1,399 x H632mm
	Rated load	1,500kg
	Weight	800kg
	Pallet Sizes	L1,000 x W1,000mm
	Navigation	SLAM
Security protection	Laser obstacle avoidance	Standard
	Sound and light alarm	Light Alarm
	E-STOP button	Standard
Athletic performance	No-load maximum speed	1.2m/s
	Operating speed with rated load	1m/s
	Stop position accuracy	±30mm
	Minimum pickup width	2,760mm
	Travel direction	Forward/Backward + Arc Turn
Battery performance	Battery lifespan	1,500 times
	Rated operating time	5h
	Charging time	2h

# KENMEC

KENMEC Automation (Thailand) Co., Ltd.



## Kenmec Automation (Thailand) Co., Ltd.

No. 654/1, Samyan Business Town, Soi Chinda

Thawin 10, Rama 4 Road, Maha Phruetharam,

Bangrak, Bangkok 10500 Thailand

 KENMEC AUTOMATION THAILAND

 +66 80-008-5008 / +66-2-780-2797

 <http://www.kenmec.com>

