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THE VALUE OF PROFESSIONAL

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THE VALUE OF PROFESSIONAL

AUTOMATED MOBILE ROBOT



Pallet Truck
AMR

Product
Specification









	PT-1500-120	PT-2000-110	PT-2500-115	PT-3000-110	PT-4000-115	PT-5000-110	PT-1200-400
BASIC							
Rated Load (kg)	1500	2000	2500	3000	4000	5000	1200
Lifting Height (mm)	120	110	115	110	115	110	400
Pallet Type	Open Pallet	Open Pallet	Open Pallet	Open Pallet	Open Pallet	Open Pallet	Open Pallet
Applications	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Manual Control Mode	Joystick/Handle	Joystick	Joystick/Handle	Joystick/Handle	Joystick/Handle	Joystick/Handle	Joystick
Body Dimensions WxLxH (mm)	965x1745x1970	820x1555x2500	730x1900x2500	850x1945X2500	850x1945X2500	850x1945X2500	1030x1380x245
Fork Dimensions WxLxH (mm)	180x1235x80	175x1150x56	170x1150x56	175x1150x75	205x1150x75	255x1200x187	173X1220X90
Fork Outside Width (mm)	620	560	680	685	685	715	602
Weight (kg)	400	650	630	810	950	1480	"410"
PERFORMANCE							
Speed (m/s)	1.2	1	1.2	1.2	1.2	1.2	1.5
Position Accuracy (mm)	±10	±10	±10	±10	±10	±10	±10
Angle Accuracy (°)	±1	±1	±1	±1	±1	±1	±1
Turning Radius (mm)	1470	1060	1730	1750	1800	1900	-
Aisle Wideth (mm)	2245	2055	2400	2445	2445	2445	1880
Grade Ability (°)	3°	3°	3°	3°	3°	3°	3°
BATTERY							
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate
Battery Specifictions	48V 39AH	24V 200AH	24V 200AH	24V 200AH	24V 200AH	24V 300AH	48V 40AH
Operating Time (h)	8	8	8	8	8	8	6
CHARGER							
Charger Specifictions	48V 50A	24V 100A	24V 100A	24V 100A	24V 100A	24V 100A	48V 30A
Input Voltage (VAC)	220	220	220	220	220	220	220
Input Current (A)	15.2	14	14	14	14	14	10
Charging Time (h)	2	2	2	2	2	3	2
Charging Method	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
SAFETY							
Emergency Stop Button	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Laser Scanner	360°	360°	360°	360°	360°	360°	360°
Fork Tip Sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Light and Sound Warning	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Camera Sensor	Option	Option	Option	Option	Option	Option	Option
ENVIRONMENT							
Passability (Slope/Step/Gap)	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm
Operating Temperature	0° to 40°	0° to 40°	0° to 40°	0° to 40°	0°to 40°	0° to 40°	0° to 40°
Operating Humidity	5%~90%	5%~90%	5%~90%	5%~90%	5%~90%	5%~90%	5%~90%
Communication	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n

Pallet Stacker AMR

Product Specification





BASIC	PS-1500-1600	PS-1500-3000	PS-2000-3000
Rated Load (kg)	1500	1500	2000
Lifting Height (mm)	1600	3000	3000
Pallet Type	Open Pallet	Open Pallet	Open Pallet
Applications	Indoor	Indoor	Indoor
Direction	Forward and Backward	Forward and Backward	Forward and Backward
Manual Control Mode	Joystick	Joystick	Joystick
Body Dimensions WxLxH (mm)	963x1718x2148	963x1718x2148	1000x2110x2500
Fork Dimensions WxLxH (mm)	170x1230x73	170x1230x73	190x1150x56
Fork Outside Width (mm)	610	610	680
Weight (kg)	900	900	1115
PERFORMANCE			
Speed (m/s)	1.2	1.2	1.2
Position Accuracy (mm)	±10	±10	±10
Angle Accuracy (°)	±1	±1	±1
Turning Radius (mm)	1241	1241	1655
Aisle Wideth (mm)	1730	1730	2610
Grade Ability (°)	3°	3°	3°
BATTERY			
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate
Battery Specifictions	48V 105AH	48V 105AH	24V 200AH
Operating Time (h)	8	8	8
CHARGER			
Charger Specifictions	48V 50A	48V 50A	24V 100A
Input Voltage (VAC)	220	220	220
Input Current (A)	15.2	15.2	14
Charging Time (h)	2	2	2
Charging Method	Automatic	Automatic	Automatic
SAFETY			
Emergency Stop Button	Yes	Yes	Yes
Laser Scanner	360°	360°	360°
Fork Tip Sensor	Yes	Yes	Yes
Light and Sound Warning	Yes	Yes	Yes
Camera Sensor	Option	Option	Option
ENVIRONMENT			
Passability (Slope/Step/Gap)	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm
Operating Temperature	0° to 40°	0° to 40°	0° to 40°
Operating Humidity	5%~90%	5%~90%	5%~90%
Communication	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n

Counterbalanced Forklift AMR

Product Specification





BASIC	CF-1500-3000	CF-2000-3000	CF-2500-3000
Rated Load (kg)	1500	2000	3000
Lifting Height (mm)	3000	3000	3000
Pallet Type	Open Pallet/Closed Pallet	Open Pallet/Closed Pallet	Open Pallet/Closed Pallet
Applications	Indoor	Indoor	Indoor
Manual Control Mode	Joystick	Joystick	Joystick
Body Dimensions WxLxH (mm)	1209x2427x2500	1209x2877x2500	1300X3160x2500
Fork Dimensions WxLxH (mm)	100x1070x40	100x1070x40	125x1070x45
Fork Outside Width (mm)	460/560/680	460/560/680	680
Mast Tilt	Optional	Optional	Optional
Side Shift	Optional	Optional	Optional
Fork Positionner	Optional	Optional	Optional
Weight (kg)	2700	3220	4700
PERFORMANCE			
Speed (m/s)	1	1	1
Position Accuracy (mm)	±10	±10	±10
Angle Accuracy (°)	±1	±1	±1
Turning Radius (mm)	1300	1730	1833
Aisle Wideth (mm)	2927	3377	3660
Grade Ability (°)	3°	3°	3°
BATTERY			
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate
Battery Specifictions	24V 200AH	24V 200AH	48V 300AH
Operating Time (h)	8	8	8
CHARGER			
Charger Specifictions	24V 100A	24V 100A	48V 150A
Input Voltage (VAC)	220	220	380
Input Current (A)	14	14	14
Charging Time (h)	2	2	2
Charging Method	Automatic	Automatic	Automatic
SAFETY			
Emergency Stop Button	Yes	Yes	Yes
Laser Scanner	360°	360°	360°
Fork Tip Sensor	Yes	Yes	Yes
Light and Sound Warning	Yes	Yes	Yes
Camera Sensor	Option	Option	Option
ENVIRONMENT			
Passability (Slope/Step/Gap)	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm
Operating Temperature	0° to 40°	0° to 40°	0° to 40°
Operating Humidity	5%~90%	5%~90%	5%~90%
Communication	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n

Outdoor Counterbalanced Forklift AMR

Product
Specification








	CF-1500-3000-OUT	CF-2000-3000-OUT	CF-2500-3000-OUT	CF-3000-3000-OUT	CF-3500-3000-OUT	CF-4000-3000-OUT
BASIC						
Rated Load (kg)	1500	2000	2500	3000	3500	4000
Lifting Height (mm)	3000	3000	3000	3000	3000	3000
Pallet Type	Open Pallet/Closed Pallet	Open Pallet/Closed Pallet	Open Pallet/Closed Pallet	Open Pallet/Closed Pallet	Open Pallet/Closed Pallet	Open Pallet/Closed Pallet
Applications	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Manual Control Mode	Joystick/Handle	Joystick/Handle	Joystick/Handle	Joystick/Handle	Joystick/Handle	Joystick/Handle
Body Dimensions WxLxH (mm)	912x2496x2500	1250x3090x2500	1250x3250x2500	1300x3510x2500	1300x3510x2500	1330x3510x2500
Fork Dimensions WxLxH (mm)	100x920x35	122X1070X44	122X1070X43	125X1070X45	125X1070X50	150X1070X50
Fork Outside Width (mm)	620	1000	1040	1100	1100	1100
Mast Tilt	Optional	Optional	Optional	Optional	Optional	Optional
Side Shift	Optional	Optional	Optional	Optional	Optional	Optional
Fork Positionner	Optional	Optional	Optional	Optional	Optional	Optional
Weight(kg)	1990	3200	3890	5250	5330	5950
PERFORMANCE						
Speed (m/s)	1.2	2	2	2	2	2
Position Accuracy (mm)	±10	±10	±10	±10	±10	±10
Angle Accuracy (°)	±1	±1	±1	±1	±1	±1
Turning Radius (mm)	1415	1660	1825	2025	2025	2025
Aisle Wideth (mm)	2996	3590	3750	4010	4010	4010
Grade Ability (°)	3°	8.5°	8.5°	8.5°	8.5°	8.5°
BATTERY						
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate
Battery Specifictions	24V 300AH	48V 460AH	48V 410AH	80V 460AH	80V 460AH	80V 460AH
Operating Time (h)	8	8	8	8	8	8
CHARGER						
Charger Specifictions	24V 100A	48V 200A	48V 200A	80V 200A	80V 200A	80V 200A
Input Voltage (VAC)	220	380	380	380	380	380
Input Current (A)	14	19	19	31	31	31
Charging Time (h)	3	2	2	2	2	2
Charging Method	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
SAFETY						
Emergency Stop Button	Yes	Yes	Yes	Yes	Yes	Yes
Laser Scanner	360°	360°	360°	360°	360°	360°
Fork Tip Sensor	Yes	Yes	Yes	Yes	Yes	Yes
Light and Sound Warning	Yes	Yes	Yes	Yes	Yes	Yes
Camera Sensor	Option	Option	Option	Option	Option	Option
ENVIRONMENT						
Passability (Slope/Step/Gap)	3°/5mm/15mm	8.5°/5mm/15mm	8.5°/5mm/15mm	8.5°/5mm/15mm	8.5°/5mm/15mm	8.5°/5mm/15mm
Operating Temperature	0° to 40°	0° to 40°	0° to 40°	0° to 40°	0° to 40°	0° to 40°
Operating Humidity	5%~90%	5%~90%	5%~90%	5%~90%	5%~90%	5%~90%
Communication	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n

Towing Tractor
AMR

Product
Specification








	TT-600	TT-1000	TT-1500	TT-4000	TT-6000	TT-10000
BASIC						
Rated Load (kg)	600	1000	1500	4000	6000	10000
Applications	Indoor	Indoor	Indoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Manual Control Mode	Joystick	Joystick	Joystick	Joystick/Handle	Joystick/Handle	Joystick/Handle
Body Dimensions WxLxH (mm)	650x970x2500	810x1090x2500	810x1090x2500	990x1790x2500	990x1790x2500	1225x2076x2500
Weight (kg)	188	225	225	920	1000	2000
PERFORMANCE						
Speed (m/s)	2	2	2	2	2	1.5
Position Accuracy (mm)	±10	±10	±10	±10	±10	±10
Angle Accuracy (°)	±1	±1	±1	±1	±1	±1
Turning Radius (mm)	-	-	-	1650	1650	1654
Grade Ability (°)	3°	3°	3°	3°	3°	3°
BATTERY						
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate
Battery Specifictions	48V30AH	48V40AH	48V40AH	24V 300AH	48V 300AH	48V 400AH
Operating Time(h)	8	8	8	8	8	8
CHARGER						
Charger Specifictions	48V 15A	48V 20A	48V 25A	24V 100A	48V 150A	48V 150A
Input Voltage (VAC)	220	220	220	220	380	380
Input Current (A)	3.75	5	7	14	14	19
Charging Time (h)	2	2	2	2	2	2
Charging Method	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
SAFETY						
Emergency Stop Button	Yes	Yes	Yes	Yes	Yes	Yes
Laser Scanner	360°	360°	360°	360°	360°	360°
Light and Sound Warning	Yes	Yes	Yes	Yes	Yes	Yes
Camera Sensor	Option	Option	Option	Option	Option	Option
ENVIRONMENT						
Passability (Slope/Step/Gap)	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm
Operating Temperature	0° to 40°	0° to 40°	0° to 40°	0° to 40°	0° to 40°	0° to 40°
Operating Humidity	5%~90%	5%~90%	5%~90%	5%~90%	5%~90%	5%~90%
Communication	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n

Lifting AMR

Product Specification






	LT-600-60	LT-1000-60	LT-1500-60	LT-2000-60
BASIC				
Rated Load (kg)	600	1000	1500	2000
Lifting Height (mm)	60	60	60	60
Body Dimensions WxLxH (mm)	650x970x260	810x1090x259	810x1090x260	1100x1720x350
Weight (kg)	158	195	195	770
PERFORMANCE				
Speed (m/s)	2	2	2	2
Position Accuracy (mm)	±10	±10	±10	±10
Angle Accuracy (°)	±1	±1	±1	±1
Grade Ability (°)	3°	3°	3°	3°
BATTERY				
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate
Battery Specifictions	48V30AH	48V40AH	48V40AH	48V 80AH
Operating Time (h)	8	8	8	8
CHARGER				
Charger Specifictions	48V 15A	48V 20A	48V 25A	48V 100A
Input Voltage (VAC)	220	220	220	380
Input Current (A)	3.75	5	7	16
Charging Time (h)	2	2	2	2
Charging Method	Automatic	Automatic	Automatic	Automatic
SAFETY				
Emergency Stop Button	Yes	Yes	Yes	Yes
Laser Scanner	360°	360°	360°	360°
Light and Sound Warning	Yes	Yes	Yes	Yes
Camera Sensor	Option	Option	Option	Option
ENVIRONMENT				
Passability (Slope/Step/Gap)	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm
Operating Temperature	0° to 40°	0° to 40°	0° to 40°	0° to 40°
Operating Humidity	5%~90%	5%~90%	5%~90%	5%~90%
Communication	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n

Conveyor AMR

Product Specification





	CY-600	CY-1000	CY-1500
BASIC			
Rated Load (kg)	600	1000	1500
Lifting Height (mm)	-	-	-
Body Dimensions WxLxH (mm)	650x970x260	810x1090x259	810x1090x260
Weight (kg)	208	245	245
PERFORMANCE			
Speed (m/s)	2	2	2
Position Accuracy (mm)	±10	±10	±10
Angle Accuracy (°)	±1	±1	±1
Grade Ability (°)	3°	3°	3°
BATTERY			
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Iron Phosphate
Battery Specifictions	48V30AH	48V40AH	48V40AH
Operating Time (h)	8	8	8
CHARGER			
Charger Specifictions	48V 15A	48V 20A	48V 25A
Input Voltage (VAC)	220	220	220
Input Current (A)	3.75	5	7
Charging Time (h)	2	2	2
Charging Method	Automatic	Automatic	Automatic
SAFETY			
Emergency Stop Button	Yes	Yes	Yes
Laser Scanner	360°	360°	360°
Light and Sound Warning	Yes	Yes	Yes
Camera Sensor	Option	Option	Option
ENVIRONMENT			
Passability (Slope/Step/Gap)	3°/5mm/15mm	3°/5mm/15mm	3°/5mm/15mm
Operating Temperature	0° to 40°	0° to 40°	0° to 40°
Operating Humidity	5%~90%	5%~90%	5%~90%
Communication	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n	Wi-Fi IEEE 802.11a/b/g/n