

- This AGV robot is especially designed and produced to transport PCB soldering pallet at the electronic manufacturing shopfloor.
- With tailored dimension, the AGV is suitable for soldering pallet and floor space.
- It can drive in 3 modes. Straight-line driving, Turn circle driving and Branch route driving.
- Power supply in 2 ways. Lithium battery or DC charging. Long service life 3~5 years. Low maintenance cost.



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Model	:A	:B
Navigation method	Navigation strip; can drive towards inter-direction	Navigation strip; can drive towards inter-direction
Loading capacity	60KG	60KG
Driving mode	single line, circle route, remote control, branch route(customizable)	single line
Max. speed	20-40m/minute (adjustable)	20-40m/minute (adjustable)
Min. Turning radius	0.8m	1m
Stop accuracy	2CM	2CM
Battery Type	lithium battery 24V20AH	lithium battery 24V20AH
Battery life	>15hours (customizable)	>15hours (customizable)
Standby time	200 hours	200 hours
Charging time	4 hours	4 hours
AGV dimension (MM)	L550X W450X H 550	L550X W450X H 550
Plate dimension (MM)	L520X H430X H 50	L520X W430XH50
AGV weight	35KG	30KG
Wireless remote control	15-key stop selection+driving with a remote control	optional
Running indicator	LED lights both at the Front and rear; running indicator light + flashing red light when there is an obstacle	
Drive	Brushless Motor Differential Ratio	Geared Motor Differential Ratio
Obstacle detection method	Ultrasonic radar + emergency stop switch	Infrared sensor + emergency stop switch
Touch anti-collision switch bar	1 at the front and 1 at the back	1 at the front and 1 ant the back
LCD display	4.3-inch high-definition touch screen (wireless communication is optional)	Without
Automatic Route Planning	Automatic Route Planning mode available	Automatic Route Planning mode available
Start	Manual start + timing start + remote control start;	Manual start + delayed start; wireless serial communication can be added to support secondary development
Site selection	20 sites choose RFID card identification	Multi-site stop
Charging method	DC charging/ battery charging	
Remaining power indicator	Smart Alarming	
Spare part	20m navigation strips, 20 RFID site cards, 6 deceleration cards, 4 obstacle avoidance cards, 4pcs 5A chargers	
Warranty	1 year	



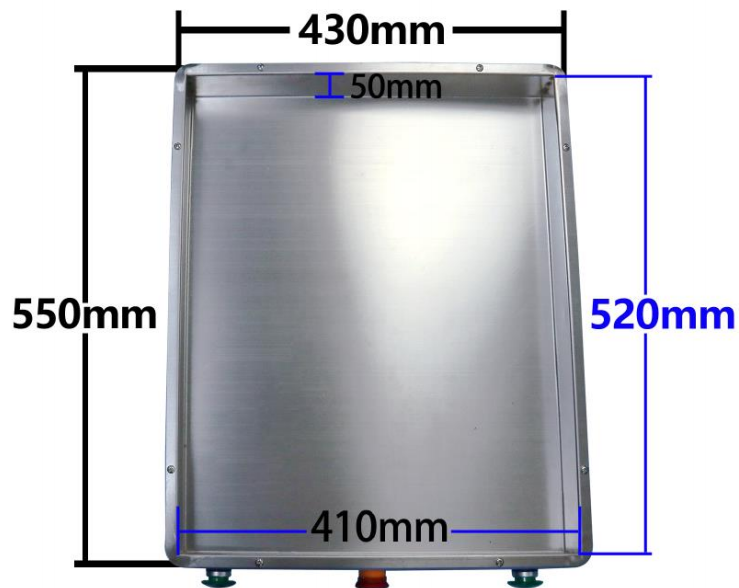
Optional Functions

-  stop defer
-  Wireless control
-  Gravity sense
-  Wireless DC Charging Device

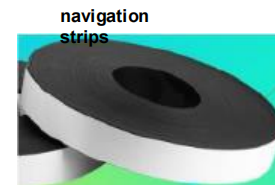


Brand/model	YEETAI: ET-AGV60-A; B
Navigation method	Magnetic strips; forward and backward
2 driving modes of standard configuration	Straight-line driving + Turn circle driving
1 driving mode of optional configuration	Branch route driving
Max. loading capacity	60KG
Max. speed rate	20-45m/minute, adjustable(about 0.4 minutes to drive 17m for SANMINA)
Min. RADIUS OF TURNING CIRCLE	0.8m
Accuracy for stopping	2cm
Power supply in 2 ways available	Lithium Battery 24V20AH replacement and DC charging
Power life	Can drive more than 15 hours if fully charged
Standby time without any loading and driving	200 hours
Charging time	5 hours
AGV outer dimension	LxWxH=550x450x550mm
Plate dimension	LxWxH=520x430x50mm
AGV net weight	about 35KG
Parament setting	touch screen LCD or remote control
Drive	Brushless Motor Differential ratio
Sensors for obstacles detect	ultrasound 8 sensors in total

Specification

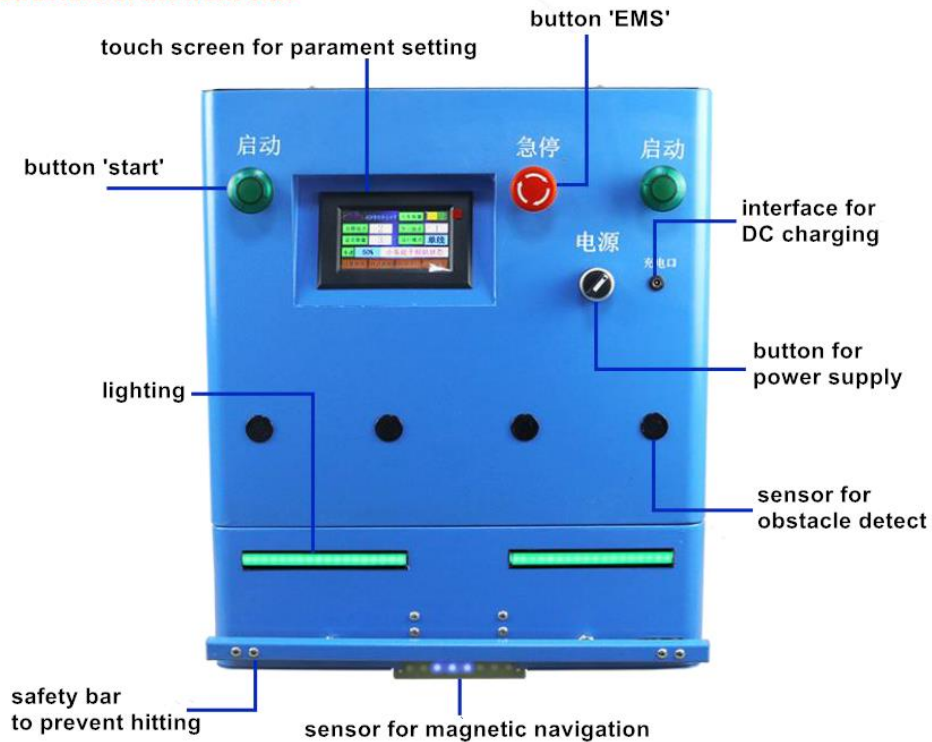


Remote control	with 2 controls in the package
Station choice	AGV can stop at Max.20 target stations; RFID
Remaining power display	it is shown at the touch screen; alarm when lack of electricity
Spare parts included in the package	navigation strips 20m + 1x charger + 20 RFID cards+ 10 decelerating cards when turning
Warranty	AGV-1 year; Battery and charger-1 year

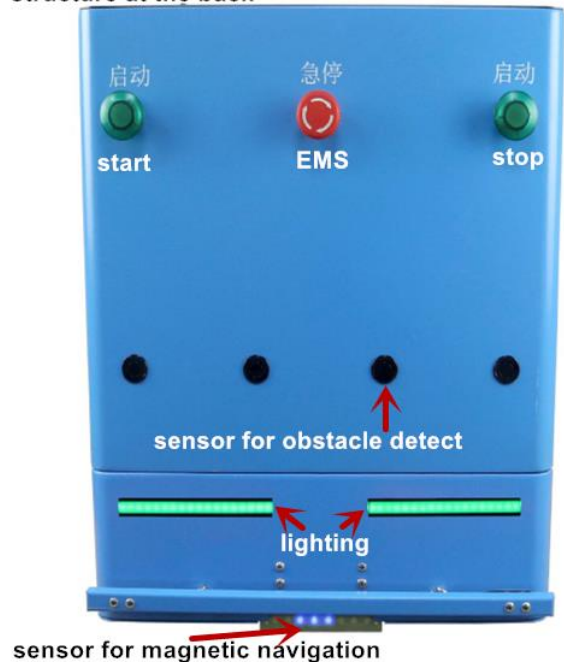


Comments: all button and screen display can be in English.

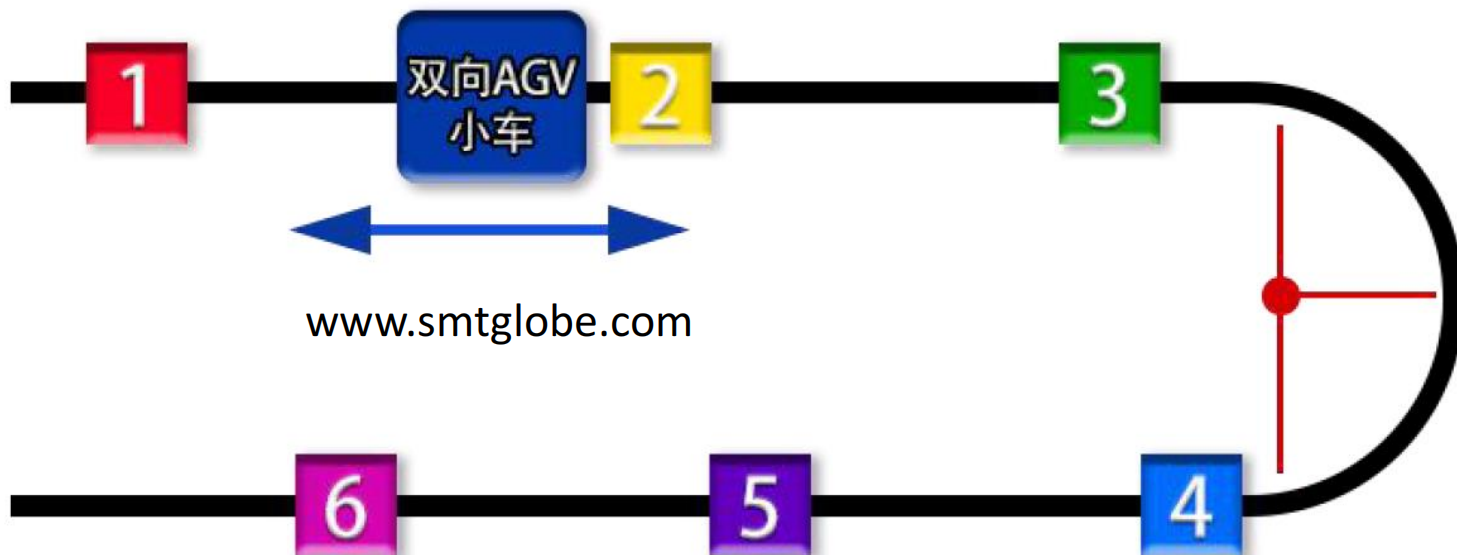
structure of the front side



structure at the back



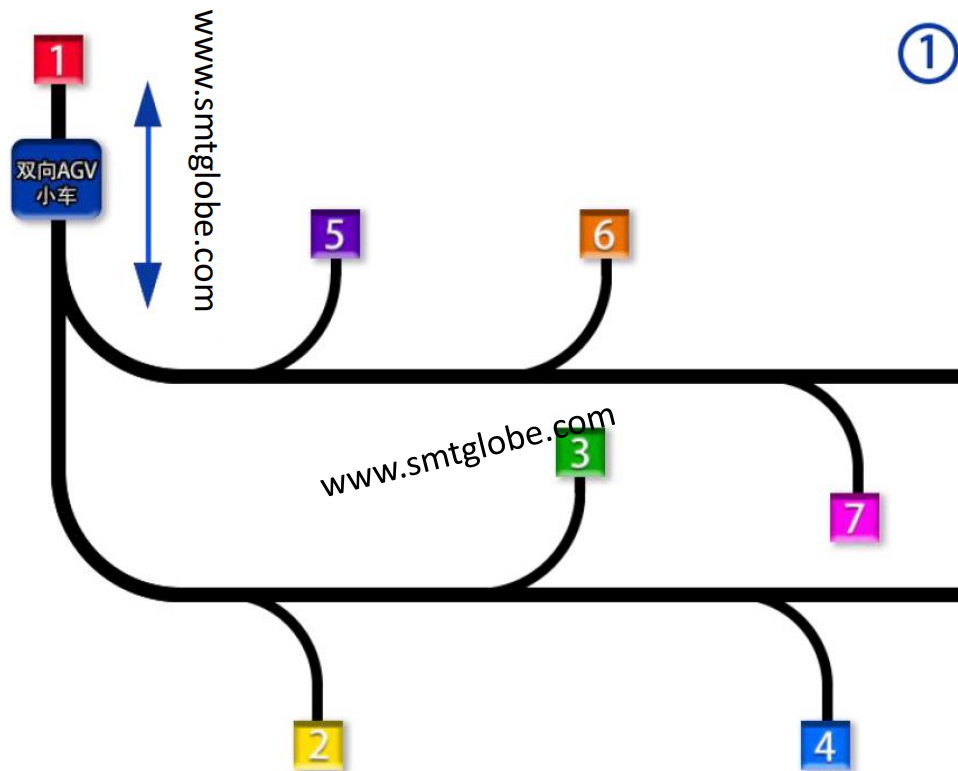
Standard configuration of driving modes includes 1 and 2
Optional configuration is mode 3



Standard configuration of driving modes includes 1 and 2
Optional configuration is mode 3



Optional configuration is mode 3: Branch-route



Power supply in 2 ways available.

1. You can take out the battery of AGV and then the battery is being charged off-line. In this way, you can still put the AGV in use if you have one more battery to be installed in the vehicle.

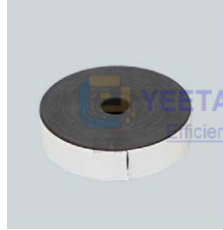
Warranty for battery and charger is 1 year.

2. You can also charge with the AGV directly(online). There is an interface for DC charging.



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Common spare parts for AGV



Navigation Strip



Protective bags for Navigation Strip



15-key remote control



RFID Reader



Charger 25.2V5A



RFID Cards



Strips for stopping



Wireless charging pile



Wireless charging pile

AGV works





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