

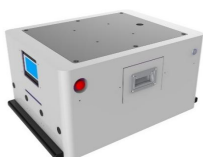





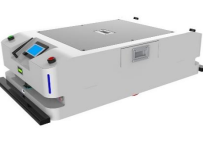



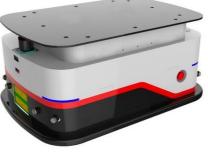
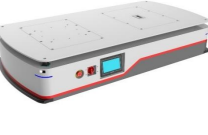
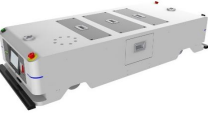
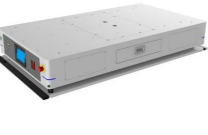



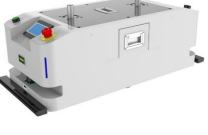




## Rainbow Robot product catalog

backpack	1	<b>One-way knapsack AGV</b> ( TL-BF-360DX-001 )		1, load form: knapsack, maximum load 100Kg; 2, overall size: L680mm*W450mm*H360mm (or according to the requirements of size customization); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, power battery: DC24V/22AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).
	2	<b>Bidirectional knapsack AGV</b> ( TL-BF-260SX-001 )		1, load form: knapsack, maximum load 50Kg; 2, overall size: L500mm*W350mm*H260mm (or according to the requirements of size customization); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, Power battery: DC24V/15AH terum-lithium battery, 8-12 hours of battery life, offline charging (automatic charging function optional).
	3	<b>Bidirectional knapsack AGV</b> ( TL-BF-260ML-001 )		1, load form: knapsack, maximum load 50Kg; 2, overall size: L670mm*W480mm*H360mm (or according to the requirements of size customization); 3, Navigation: magnetic strip navigation; 4, drive mode: McNum wheel four wheel differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement; 6, driving speed: ≤40m/min; 7, Power battery: DC24V/36AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).
	4	<b>Bidirectional knapsack AGV</b> ( TL-BF-520SX-001 )		1, load form: knapsack, maximum load 50Kg; 2, overall size: L490mm*W350mm*H520mm (or customized according to the size of demand); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, power battery: DC24V/22AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).
	5	<b>Bidirectional knapsack AGV</b> ( TL-BF-430SX-001 )		1, load form: knapsack, maximum load 150Kg; 2, overall size: L865mm*W500mm*H430mm (or according to the requirements of size customization); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, power battery: DC24V/22AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).
	6	<b>Bidirectional knapsack AGV</b> ( TL-BF-430SX-002 )		1, load form: knapsack, maximum load 150Kg; 2, overall size: L865mm*W500mm*H430mm/ total height 1095mm (or according to the requirements of size customization); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, power battery: DC24V/22AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).
	7	<b>Bidirectional knapsack AGV</b> ( TL-BF-850SX-001 )		1, load form: knapsack, maximum load 100Kg; 2, overall size: L1000mm*W500mm*H850mm (or according to the requirements of size customization); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, power battery: DC24V/22AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).
	8	<b>Bidirectional knapsack AGV</b> ( TL-BF-300SX-001 )		1, load form: knapsack, maximum load 150Kg; 2, overall size: L900mm*W500mm*H300mm (or according to the requirements of size customization); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, Power battery: DC24V/40AH terum-lithium battery, 8-12 hours of battery life, offline charging (automatic charging function optional).
	9	<b>Bidirectional knapsack AGV</b> ( TL-BF-300SX-002 )		1, load form: knapsack, maximum load 150Kg; 2, overall size: L1100mm*W600mm*H300mm (or according to the requirements of size customization); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, Power battery: DC24V/40AH lithium battery, battery life 8~12 hours, offline charging (automatic charging function optional).
	10	<b>Bidirectional knapsack AGV</b> ( TL-BF-360SX-001 )		1, load form: knapsack, maximum load 200Kg; 2, Overall size: L1195mm*W500mm*H360mm (or customized according to the size required); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, arc turn; 6, driving speed: ≤40m/min; 7, Power battery: DC24V/40AH lithium battery, battery life 8~12 hours, offline charging (automatic charging function optional).

11	<b>Bidirectional knapsack AGV</b> ( TL-BF-430SX-002 )		<ol style="list-style-type: none"> <li>1, load form: knapsack, maximum load 200Kg;</li> <li>2, overall size: L1000mm*W500mm*H430mm (or customized according to the size of demand);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, arc turn;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, power battery: DC24V/35AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).</li> </ol>	
12	<b>QR code navigation knapsack AGV</b> ( TL-BF-360EW-001 )		<ol style="list-style-type: none"> <li>1, load form: knapsack, maximum load 200Kg;</li> <li>2, overall size: L960mm*W550mm*H285mm (or according to the requirements of size customization);</li> <li>3, navigation: TWO-DIMENSIONAL code navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation;</li> <li>6, driving speed: ≤60m/min;</li> <li>7, power battery: DC48V/35AH lead acid battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>	
13	<b>QR code navigation knapsack AGV</b> ( TL-BF-350EW-001 )		<ol style="list-style-type: none"> <li>1, load form: knapsack, maximum load 200Kg;</li> <li>2, overall size: L720mm*W450mm*H350mm (or according to the requirements of size customization);</li> <li>3, navigation: TWO-DIMENSIONAL code navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation;</li> <li>6, driving speed: ≤60m/min;</li> <li>7, Power battery: DC48V/32AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>	
14	<b>Double smart knapsack AGV</b> ( TL-BF-350DL-001 )		<ol style="list-style-type: none"> <li>1, load form: knapsack, maximum load 500Kg;</li> <li>2, overall size: L1850mm*W900mm*H350mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: double steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC48V/60AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>	
15	<b>Double smart knapsack AGV</b> ( TL-BF-350DL-002 )		<ol style="list-style-type: none"> <li>1, load form: knapsack, maximum load 500Kg;</li> <li>2, overall size: L1750mm*W700mm*H350mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: double steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC48V/60AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>	
16	<b>Double smart knapsack AGV</b> ( TL-BF-350DL-003 )		<ol style="list-style-type: none"> <li>1, load form: knapsack, maximum load 3000Kg;</li> <li>2, overall size: L1900mm*W1000mm*H350mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: double steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/100AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>	
<b>Tail traction type</b>	17	<b>Unidirectional tail traction AGV</b> ( TL-QY-800DX-001 )		<ol style="list-style-type: none"> <li>1, load form: tail traction type, maximum traction mass 500Kg;</li> <li>2, overall size: L1080mm*W420mm*H800mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, arc turn;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, power battery: DC24V/65AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
	18	<b>Bidirectional latent traction AGV</b> ( TL-QF-300SX-001 )		<ol style="list-style-type: none"> <li>1, load type: latent traction, maximum traction mass 150Kg;</li> <li>2, Overall size: L1000mm*W600mm*H300mm (or customized according to requirements);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, power battery: DC24V/35AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
	19	<b>Bidirectional latent traction AGV</b> ( TL-QF-410SX-001 )		<ol style="list-style-type: none"> <li>1, load type: latent traction, maximum traction mass 150Kg;</li> <li>2, the overall size: L705mm*W450mm*H410mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, power battery: DC24V/40AH lead-acid battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
	20	<b>Bidirectional latent traction AGV</b> ( TL-QF-350SX-001 )		<ol style="list-style-type: none"> <li>1, load form: latent traction type, maximum traction mass 200Kg;</li> <li>2, overall size: L1000mm*W450mm*H350mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/36AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>

Latent traction type



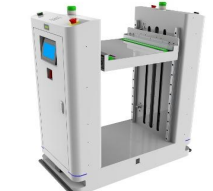
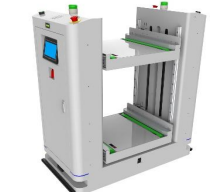



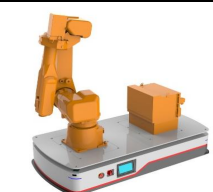

21	<b>Bidirectional latent traction AGV</b> ( TL-QF-410SX-002 )		<ol style="list-style-type: none"> <li>1, load type: latent traction, maximum traction mass 300Kg;</li> <li>2, overall size: L1100mm*W600mm*H410mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, power battery: DC24V/65AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
22	<b>Unidirectional latent traction AGV</b> ( TL-QF-300DX-001 )		<ol style="list-style-type: none"> <li>1, load type: latent traction, maximum traction mass 300Kg;</li> <li>2, overall size: L1100mm*W450mm*H300mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, arc turn;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, power battery: DC24V/40AH lead-acid battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
23	<b>Unidirectional latent traction AGV</b> ( TL-QF-300DX-002 )		<ol style="list-style-type: none"> <li>1, load form: latent traction type, maximum traction mass 500Kg;</li> <li>2, overall size: L1100mm*W450mm*H300mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, arc turn;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, power battery: DC24V/65AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
24	<b>Unidirectional latent traction AGV</b> ( TL-QF-300DX-003 )		<ol style="list-style-type: none"> <li>1, load form: latent traction type, maximum traction mass 500Kg;</li> <li>2, overall size: L1400mm*W450mm*H270mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, arc turn;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, power battery: DC24V/65AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
25	<b>Bidirectional latent traction AGV</b> ( TL-QF-300SX-002 )		<ol style="list-style-type: none"> <li>1, load type: latent traction, maximum traction mass 1500Kg;</li> <li>2, overall size: L1750mm*W430mm*H300mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, arc turn;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/60AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
26	<b>Bidirectional latent traction AGV</b> ( TL-QF-215SX-001 )		<ol style="list-style-type: none"> <li>1, load type: latent traction, maximum traction weight 1000Kg;</li> <li>2, overall size: L1660mm*W630mm*H215mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, arc turn;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/60AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
27	<b>Double smart wheel latent traction AGV</b> ( TL-QF-225DL-001 )		<ol style="list-style-type: none"> <li>1, load type: latent traction, maximum traction weight 1000Kg;</li> <li>2, overall size: L2050mm*W600mm*H225mm (or customized according to the size of demand);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: double steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC48V/60AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
28	<b>Double smart wheel latent traction AGV</b> ( TL-QF-350DL-001 )		<ol style="list-style-type: none"> <li>1, load type: latent traction, maximum traction weight 2000Kg;</li> <li>2, overall size: L2050mm*W680mm*H350mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: double steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/70AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
29	<b>Bidirectional lift AGV</b> ( TL-JS-410SX-001 )		<ol style="list-style-type: none"> <li>1, load form: lifting type, maximum lifting mass 200Kg;</li> <li>2, overall size: L1000mm*W600mm*H410mm/ lifting stroke 50mm (or customized size according to demand);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/40AH terum-lithium battery, 8-12 hours of battery life, offline charging (automatic charging function optional).</li> </ol>
30	<b>QR code navigation lifting AGV</b> ( TL-JS-360EW-001 )		<ol style="list-style-type: none"> <li>1, load form: lifting type, the maximum lifting mass is 300Kg;</li> <li>2, Overall size: L830mm*W450mm*H360mm/ lifting stroke 50mm (or customized according to requirements);</li> <li>3, navigation: TWO-DIMENSIONAL code navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation;</li> <li>6, driving speed: ≤60m/min;</li> <li>7, Power battery: DC48V/28AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>










**Lift jacking**



31	<p><b>Laser SLAM navigation lift AGV</b> ( TL-JS-360SL-001 )</p>		<p>1, load form: lifting type, maximum lifting mass 200Kg; 2, Overall size: L990mm*W500mm*H360mm/ lifting stroke 50mm (or customized according to requirements); 3, navigation: laser SLAM navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤60m/min; 7, Power battery: DC48V/32AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</p>
32	<p><b>Double smart wheel latent lift AGV</b> ( TL-JS-550DL-001 )</p>		<p>1, load form: lifting type, maximum lifting mass 500Kg; 2, dimensions: L1295mm*W600mm*H550mm/ lifting stroke 100mm (or according to the requirements of size customization); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement; 6, driving speed: ≤40m/min; 7, power battery: DC24V/40AH lead-acid battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</p>
33	<p><b>Double smart wheel latent lift AGV</b> ( TL-JS-420DL-001 )</p>		<p>1, load form: lifting type, maximum lifting mass 1000Kg; 2, overall size: L1950mm*W950mm*H420mm/ lifting stroke 100mm (or customized size according to demand); 3, Navigation: magnetic strip navigation; 4, drive mode: double steering wheel drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement; 6, driving speed: ≤40m/min; 7, power battery: DC24V/65AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).</p>
34	<p><b>Bidirectional lift AGV</b> ( TL-TS-1940SX-001 )</p>		<p>1, Load type: lifting type, the maximum lifting quality is 100Kg; 2, overall size: L1260mm*W650mm*H1940mm/ lifting stroke 355mm~1785mm (or customized size according to demand); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement; 6, driving speed: ≤40m/min; 7, Power battery: DC24V/80AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</p>
35	<p><b>Laser SLAM navigation lift AGV</b> ( TL-JS-360SL-002 )</p>		<p>1, Load type: lifting type, the maximum lifting mass is 650Kg; 2, overall size: L1300mm*W900mm*H360mm/ lifting stroke 50mm (or customized size according to demand); 3, navigation: laser SLAM navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤60m/min; 7, Power battery: DC48V/60AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</p>
36	<p><b>Bidirectional tank chain docking AGV</b> ( TL-TK-360SX-001 )</p>		<p>1, load form: tank chain docking type, maximum load mass 100Kg; 2, overall size: L960mm*W500mm*H380mm/ ground docking height 360mm (or customized size); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, Power battery: DC24V/40AH terum-lithium battery, 8-12 hours of battery life, offline charging (automatic charging function optional).</p>
37	<p><b>Bidirectional roller butt AGV</b> ( TL-GT-820SX-001 )</p>		<p>1, load type: roller butt type, maximum load mass 100Kg; 2, overall size: L865mm*W550mm*H850mm/ ground docking height 820mm (or customized size); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, power battery: DC24V/40AH lead-acid battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</p>
38	<p><b>Bidirectional synchronous belt docking AGV</b> ( TL-TB-850SX-001 )</p>		<p>1, load type: synchronous belt butt type, maximum load mass 100Kg; 2, overall size: L1000mm*W500mm*H875mm/ ground docking height 850mm (or customized size according to requirements); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, power battery: DC24V/40AH lead-acid battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</p>
39	<p><b>Bidirectional synchronous belt docking AGV</b> ( TL-TB-850SX-002 )</p>		<p>1, load type: synchronous belt butt type, maximum load mass 100Kg; 2, overall size: L1400mm*W500mm*H875mm/ ground docking height 850mm (or customized size according to requirements); 3, Navigation: magnetic strip navigation; 4, drive mode: differential drive; 5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning; 6, driving speed: ≤40m/min; 7, power battery: DC24V/40AH lead-acid battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</p>



**Automatic docking and conveying**

40	<b>Bidirectional plate chain butt AGV</b> ( TL-BL-660SX-001 )		<ol style="list-style-type: none"> <li>1, load form: plate chain butt type, maximum load mass 100Kg;</li> <li>2, overall size: L1400mm*W765mm*H700mm/ ground docking height 660mm (or customized size);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/40AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
41	<b>Double row drum butt AGV</b> ( TL-GT-600SX-001 )		<ol style="list-style-type: none"> <li>1, load form: double row roller butt type, maximum load mass 500Kg;</li> <li>2, overall size: L1500mm*W650mm*H650mm/ ground docking height 600mm (or customized according to requirements);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, arc turn;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, power battery: DC24V/65AH lead acid battery, battery life 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
42	<b>SMT synchronous belt up-down docking AGV</b> ( TL-SMT-1255SX-001 )		<ol style="list-style-type: none"> <li>1, load form: SMT synchronous belt up and down lifting docking type, maximum load mass 100Kg;</li> <li>2, overall size: L1075mm*W550mm*H1255mm/ ground docking height of 300~1000mm (or customized according to the size requirements);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/50AH lithium iron phosphate battery, battery life of 8~13 hours, offline charging (automatic charging function optional).</li> </ol>
43	<b>SMT synchronous belt up-down docking AGV</b> ( TL-SMT-1255SX-002 )		<ol style="list-style-type: none"> <li>1, load form: SMT synchronous belt up and down lifting docking type, maximum load mass 100Kg;</li> <li>2, overall size: L1075mm*W550mm*H1255mm/ ground docking height 300mm/1000mm (or customized size according to requirements);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/50AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
44	<b>QR code navigation drum butt AGV</b> ( TL-GT-810EW-001 )		<ol style="list-style-type: none"> <li>1, load type: roller butt type, maximum load mass 100Kg;</li> <li>2, overall size: L830mm*W550mm*H835mm/ ground docking height 810mm (or customized size according to requirements);</li> <li>3, navigation: TWO-DIMENSIONAL code navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, AGV rotation/roller platform does not rotate, AGV rotation/roller platform rotation;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC48V/40AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
45	<b>Double smart wheel drum butt AGV</b> ( TL-GT-240DL-001 )		<ol style="list-style-type: none"> <li>1, load type: roller butt type, maximum load mass 500Kg;</li> <li>2, dimensions: L2390mm*W1330mm*H540mm/ ground docking height 240mm (or customized size);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: double steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/80AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
46	<b>Double smart wheel drum butt AGV</b> ( TL-GT-460DL-001 )		<ol style="list-style-type: none"> <li>1, load type: roller butt type, maximum load mass 1500Kg;</li> <li>2, overall size: L1900mm*W1350mm*H506mm/ ground docking height 460mm (or customized size);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: double steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/100AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
47	<b>AGV+ manipulator composite robot</b> ( TL-FH-350DL-001 )		<ol style="list-style-type: none"> <li>1, load form: knapsack, maximum load 500Kg;</li> <li>2, overall size: L1850mm*W900mm*H350mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: double steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/80AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional);</li> <li>8. Note: The manipulator can be provided by the customer or by our company.</li> </ol>
48	<b>AGV+ manipulator composite robot</b> ( TL-FH-285SX-001 )		<ol style="list-style-type: none"> <li>1, load form: knapsack, maximum load 300Kg;</li> <li>2, overall size: L1350mm*W650mm*H285mm (or according to the requirements of size customization);</li> <li>3, Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/60AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional);</li> <li>8. Note: The manipulator can be provided by the customer or by our company.</li> </ol>

<b>AGV+ manipulator compound type</b>	49	<b>AGV+ manipulator composite robot</b> ( TL-FH-500SL-001 )		<ol style="list-style-type: none"> <li>1, load form: knapsack, maximum load 200Kg;</li> <li>2, overall size: L1200mm*W700mm*H500mm (or according to the requirements of size customization);</li> <li>3, navigation: laser SLAM navigation;</li> <li>4, drive mode: McNum wheel four wheel differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, power battery: DC48V/50AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional);</li> <li>8. Note: The manipulator can be provided by the customer or by our company.</li> </ol>
	50	<b>AGV+ manipulator composite robot</b> ( TL-FH-1890SX-001 )		<ol style="list-style-type: none"> <li>1. Load type: lifting type, the maximum lifting quality is 100Kg;</li> <li>2, overall size: L1260mm*W650mm*H1890mm/ lifting stroke 350mm~1580mm (or customized size according to demand);</li> <li>3. Navigation: magnetic strip navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/80AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> <li>8. Note: The manipulator can be provided by the customer or by our company.</li> </ol>
	51	<b>AGV+ manipulator composite robot</b> ( TL-FH-350DL-002 )		<ol style="list-style-type: none"> <li>1, load form: knapsack, maximum load mass 1000Kg;</li> <li>2, overall size: L1900mm*W1000mm*H350mm (or according to the requirements of size customization);</li> <li>3. Navigation: magnetic strip navigation;</li> <li>4, drive mode: double steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning, horizontal movement;</li> <li>6, driving speed: ≤40m/min;</li> <li>7, Power battery: DC24V/100AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> <li>8. Note: The manipulator can be provided by the customer or by our company.</li> </ol>
<b>Fork type</b>	52	<b>QR code vision + inertial hybrid navigation stacking lift truck AGV</b> ( TL-EW-T15-001 )		<ol style="list-style-type: none"> <li>1, load type: lifting type, maximum load mass 1500Kg;</li> <li>2, overall size: L1580mm*W820mm*H900mm/ lifting stroke 80~200mm (or customized size according to demand);</li> <li>3. Navigation mode: TWO-DIMENSIONAL code vision + inertial hybrid navigation;</li> <li>4, drive mode: single steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤1.5m/s;</li> <li>7, Power battery: DC48V/80AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
	53	<b>QR code vision + inertial hybrid navigation stacking lift truck AGV</b> ( TL-EW-L15-001 )		<ol style="list-style-type: none"> <li>1, load type: lifting type, maximum load mass 1500Kg;</li> <li>2, overall size: L1620mm*W820mm*H2000mm/ lifting stroke 80~2000mm (or customized size according to demand);</li> <li>3. Navigation mode: TWO-DIMENSIONAL code vision + inertial hybrid navigation;</li> <li>4, drive mode: single steering wheel drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤1.5m/s;</li> <li>7, Power battery: DC48V/80AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
	54	<b>Laser SLAM navigation tray handling forklift AGV</b> ( TL-SLAM-T800-001 )		<ol style="list-style-type: none"> <li>1, load form: lifting type, maximum load quality 800Kg;</li> <li>2, dimensions: L1515mm*W885mm*H1885mm/ lifting stroke 80~110mm (or according to the requirements of size customization);</li> <li>3, navigation: laser SLAM navigation;</li> <li>4, drive mode: differential drive;</li> <li>5, walking direction: forward, backward, 90°/180°/360° rotation, arc turning;</li> <li>6, driving speed: ≤1.5m/s;</li> <li>7, Power battery: DC48V/35AH lithium iron phosphate battery, battery life of 8~12 hours, offline charging (automatic charging function optional).</li> </ol>
	55	<b>Drag-and-drop AGV (QDD50T)</b>		<ol style="list-style-type: none"> <li>1. Load form: Drag-and-drop, maximum load 5000KG</li> <li>2, Overall size: L1000*H1200*H1300mm</li> <li>3, navigation mode: laser navigation</li> <li>4, body length: L1421mm</li> <li>5. Fork size (mm) : 1150×190×61</li> <li>6, power battery: 24V 50AH</li> </ol>
	56	<b>Towed AGV (CBD20)</b>		<ol style="list-style-type: none"> <li>1. Load form: drag type, maximum load 2000KG</li> <li>2. Total height of the body: H1480mm</li> <li>4, body length: L2277mm</li> <li>5. Fork size (mm) : 55/180/1150</li> <li>6, lifting speed: 30/35mm/s</li> <li>7, the minimum right Angle stacking: AST 2800mm</li> <li>8, lifting height (mm) : 4500</li> <li>9. Vehicle weight: 950KG</li> <li>10, power battery: 24V 180AH</li> </ol>
	57	<b>Stacked high AGV (CDD20)</b>		<ol style="list-style-type: none"> <li>1. Load form: stack-up type, maximum load 2000KG</li> <li>2. Total height of the body: H1785mm</li> <li>4, body length: L2165mm</li> <li>5. Fork size (mm) : 50/180/1150</li> <li>6, lifting speed: 100/120mm/s</li> <li>7, lifting height (mm) : 4500</li> <li>8. Vehicle weight: 1457KG</li> <li>9, power battery: 24V 240AH</li> </ol>

58	Laser balanced heavy stack type AGV ( CDD16-30J )		<ol style="list-style-type: none"> <li>1. Load form: stacking type, maximum load 1600KG</li> <li>2. External dimension: L2221*W1120*H2168mm</li> <li>3. navigation mode: laser navigation</li> <li>4. Length of body (without fork) L1840mm</li> <li>5. Fork size (mm) : 1150×190×61</li> <li>6. Minimum turning radius (mm) : 1700</li> <li>7, the minimum right Angle stacking: AST 2800mm</li> <li>8, lifting height (mm) : 4500</li> <li>9, the maximum linear movement speed (m/s) : 1</li> <li>10, power battery: 24V 180AH</li> </ol>
59	Laser guided forward stacking AGV ( CQD20)		<ol style="list-style-type: none"> <li>1. Load form: stacking type, maximum load 1600KG</li> <li>2, Overall size: L2800*W1300*H2400 (mm)</li> <li>3, navigation mode: laser navigation + natural navigation mixture (can be switched according to the operating environment)</li> <li>4. Length of body (without fork) L1840mm</li> <li>5. Lifting speed: full load/no-load 340/530mm/min, falling speed: full load/no-load 500/500mm/min</li> <li>6. Minimum ground clearance: M2 75mm</li> <li>7, minimum right Angle stacking: AST 3200mm</li> <li>8, lifting height (mm) : 5400</li> <li>9, driving speed: straight speed 90m/min, turning speed 45m/min, backward speed 20m/min</li> <li>10, power battery: lithium iron phosphate battery 48V/200AH</li> <li>11, the use of environment: indoor, temperature: 0 ~ 45°C, relative humidity: 40% ~ 90% (no condensation) no water no oil dry ground</li> </ol>