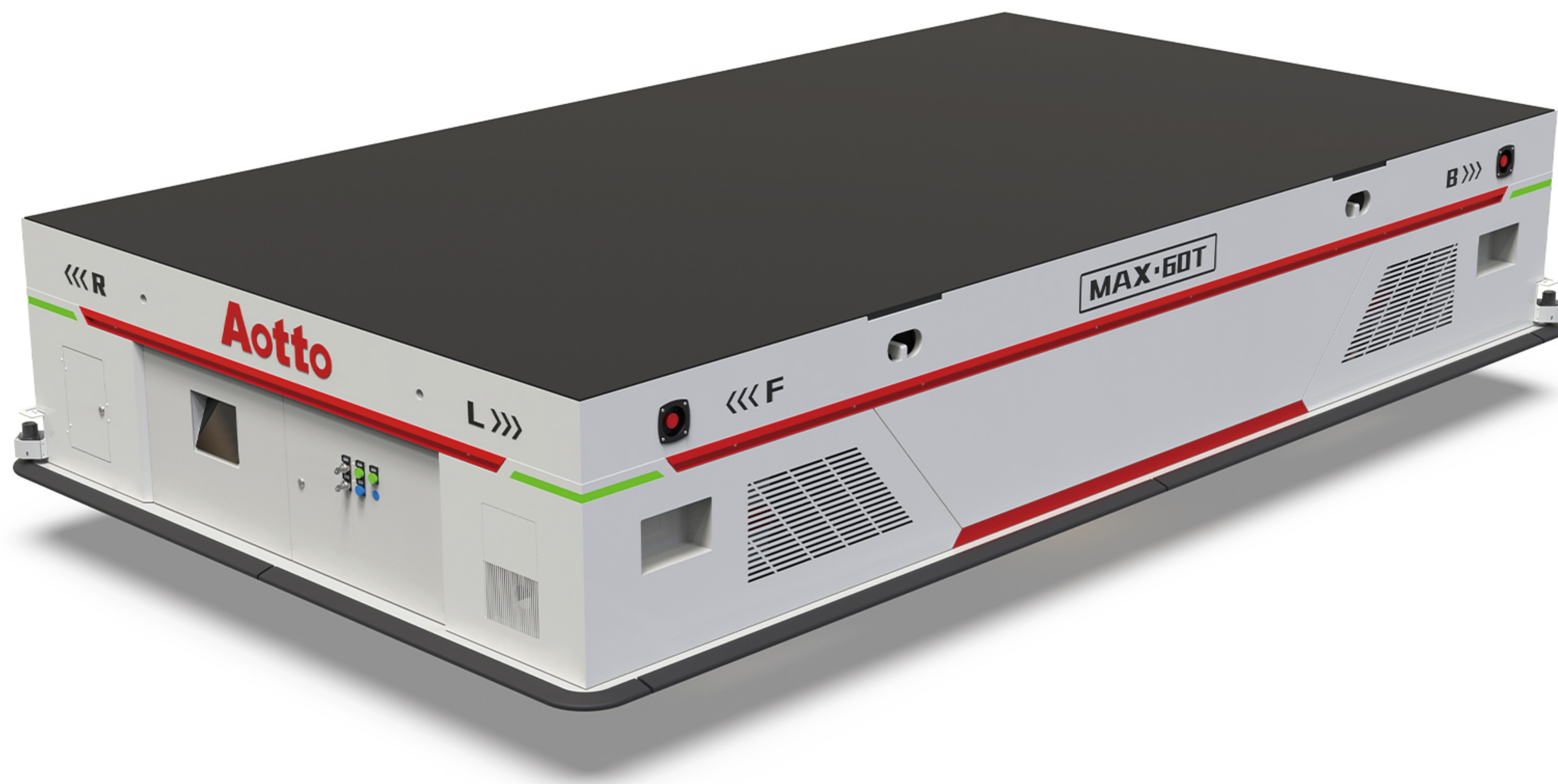


Aotto

TRANSFER DIE CART



Featuring multiple load capacity options and strong expansion capabilities, Aotto's new-generation electric heavy-duty trackless transfer cart is engineered for the precise and flexible handling of heavy materials. It is widely used in machinery manufacturing, automotive, heavy industry, die & mold, construction machinery, shipbuilding, ports & yards, steel distribution, metallurgy, mining, aerospace, defense, and many other sectors.

Navigation & Precision

- Hybrid navigation + full servo control
- Accuracy: $\pm 10\text{ mm}$, $\pm 1^\circ$
- Rapid deployment

Battery & Charging

- Large-capacity lithium battery with real-time status display
- Optional auto-charging point for hands-free operation
- Higher vehicle utilization with reduced routine maintenance costs

Control & Operation

- Wireless remote / wired control / one-touch call
- Optional intelligent scheduling system
- User-friendly interface, minimal training required

Safety Protection

- Laser obstacle avoidance / safety edge / audible-visual alarm / E-stop button
- Full-chain protection: mechanical to software, warning to braking
- Multi-layered safeguards

**JINAN AOTTO AUTOMATION CO., LTD.**

Marketing@aotto.cn

<http://www.aotto.cn>

0531-87201565

■ Specifications

Product		Remote Series	Omni-Directional Series		
Main Parameters	Rated Load (T)	30/50	10/20/30/50	80/100	150/200/300
	Navigation	-	Laser / Magnetic Strip / QR Code		
	Drive System	Dual Differential Wheels	4 diff. wheels	6 diff. wheels	Customized
	Steering Mode	Forward, Backward, Turning, 360° Rotation in Place (Optional)	Forward, Backward, Turning, 360° Rotation in Place, Lateral Movement, Diagonal Movement		
	Suspension System	Spring / Rocker Bridge Suspension	Hydraulic		
	L×W×H (mm)	5000*2650*900/4500*2500*900	5000*2650*850	6000*3000*850	Customized
	Weight (T)	~8	~8	~15	Customized
	HMI	Touchscreen (Optional)	Touchscreen		
Safety	Radar Position	Diagonal Corners of Vehicle	Diagonal Corners of Vehicle		
	Laser Obstacle Avoidance Radar	Domestic / Imported	Domestic / Imported		
	Radar - Installation Height (mm)	180	220		
	Radar - Field of View (°)	270	270		
	Radar - Max. Detection Range (m)	6	6		
	Safety Edge	Front & Rear / 360°	360°		
	E-Stop Button	Four Corners of Vehicle Body	Four Corners of Vehicle Body		
Motion	Rated Speed - No load (m/s)	0.5	0.5		
	Rated Speed - Full Load (m/s)	0.4	0.4		
	Rated Acceleration - No Load (m/s²)	0.2	0.2		
	Rated Acceleration - Full Load (m/s²)	0.1	0.1		
	Climbing Ability	3%	3%		
	Stopping Angle Accuracy (°)	±1	±1		
	Lifting Mechanism	-	Hydraulic		
	Lifting Height (mm)	-	150/200		
	Positioning Accuracy (mm)	±10	±10		
Battery	Charging Location	Side Charging	Side / Floor Charging (Optional)		
	Charging Mode	Manual	Manual/Automatic		
	Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate		
	Charger Power Supply	380V 3-Phase AC, 50±2Hz	380V -Phase AC, 50±2Hz		
	Battery Capacity	96V 200Ah/48V 400Ah	48V 400Ah	48V 800Ah	Customized
	Charging Cycles	2000 Cycles	2000 Cycles		
	Operating Range (m)	≤2000	≤2000	Customized	
	Charging Time (After 80% Discharge) (h)	≤2	≤2		
Options	Communication - WIFI	-	●		
	Communication - 5G	-	○		
	Communication- WIFI+5G	-	○		
	Battery - With Heating Function	○	○		
	Front Laser Obstacle Avoidance	-	○		
	Front & Rear Laser Obstacle Avoidance	-	○		
Note: ● = Standard Configuration ○ = Optional Configuration — = Not Available					

* The positioning accuracy stated above was measured under ideal conditions.
* Actual accuracy may vary depending on site environment, rack/tooling dimensions, docking conditions, and other factors. Please refer to the real on-site performance.

