
Industrial AGV Drive Wheels

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Thumb	
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Description

In industrial automated logistics, the AGV drive wheel is more than just a contact point; it is a critical component that ensures smooth and reliable operation. Our polyurethane technology and precision machining series redefines durability and performance.



Premium NDI Casting: The Best Polyurethane for AGV Wheels

Standard wheels often suffer from bending, failure and deformation during 24/7 high-speed operation. We utilize NDI (isocyanate-free Diisocyanate) polyurethane to solve these challenges. In Eliminating Ductility, NDI fundamentally solves the industry's long-standing issue of common heavy-load applications.

Dynamic Load Excellence: Compared to MDI materials, our NDI wheels offer superior operational noise resistance, effectively protecting AGV motors and reducing

High-Precision Hub Engineering for Industrial AGVs

The wheel hub is the skeleton of your automated guided vehicle. Our high-precision

Heavy-Duty Matrix Available in High-Strength Ductile Iron or Alloy Steel to prevent

radial runout and extend the service life of your AGV drive system.

Superior Anti-Flat-Spotting Performance

When your duty AGV remains stationary, standard wheels develop permanent

the wheel surface creeps back to its original profile instantly.

Smooth Start: Reducing the initial resistance caused by "flat spots" protects the

Technical Specifications

Model	Dimensions	Wheel dimension (mm)		Wheel width (mm)	Install diameter (mm)
AGV13	130*50	130	50	106	500
AGV24	144*32	144	32	95	300
AGV16	160*40	160	40	38	500
AGV17	165*37	165	37	93	400
AGV17	170*40	170	40	63	500
AGV17	177*37	177	37	93	500
AGV18	180*50	180	50	35	600
AGV19	190*40	190	40	20	500
AGV19	190*55	190	55	120	700
AGV20	200*42	200	42	115	600
AGV21	210*50	210	50	40	700
AGV25	250*55	250	55	35	1000

Industry Perspective: A Reliable Partner for Lithium Battery Manufacturing

In lithium battery production lines, the weight of raw material cleanliness, finished battery production, and the environment demands extreme cleanliness. AGV lines work well for the non-marking applications such as the assembly of resistance of big factories, helping a long life, low-maintenance logistics system in battery plant.

Conclusion:

Behind every AGV drive, which is a challenge to the limits of material science. We are continuously helping global industrial automation move steadily, faster, and further.