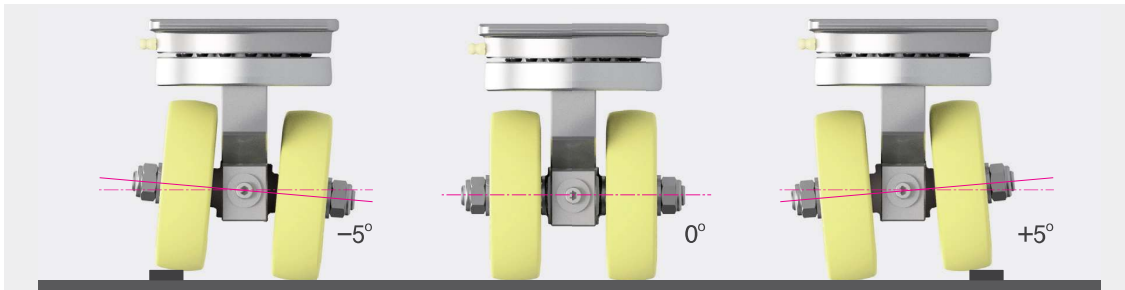


AGV casters

GATD series

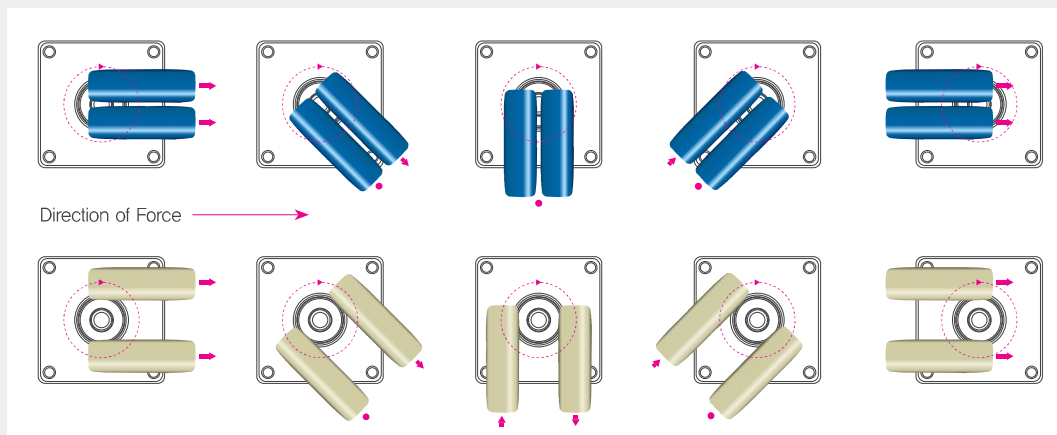
Tilting & Dual Wheels for Heavy Load(Heavy load)

Why should we select FOOT MASTER® AGV casters – GATD?



01 The shaft of GATD has a tilting structure that tilts freely in the range of $\pm 5^\circ$ from its central axis according to the flatness of the floor. This freedom ensures that GATD always keeps contact with the floor, causing smooth AGV movement and protection of the loaded cargo when changing directions.

Rolling directions of a general dual-wheel VS the GATD dual-wheel

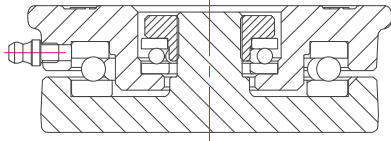


02 Unlike the general dual-wheel caster, GATD has a structure that the two wheels are separated from each other. The two wheels in the dual-wheel caster roll in the opposite direction to each other during a change in direction. This is called self-compensation effect, as it reduces caster offset automatically. FOOT MASTER® GATD has a bigger self-compensation effect than the general dual-wheel caster to prevent AGVs from deviating from the line.

AGV casters

GATD series

kg 250~630kg **RoHS** **°C** -10~90°C



Brackets: Forged steel plate, double thrust bearing in the swivel head to optimize heavy load, grease nipple, strong welded frame, tilting function to maintain contact with uneven floor, bolted wheel axle structure

Surface Treatment: Zinc plated

* Recommended Load = Load Cap. × 3

Swivel	Wheel type	mm	mm	Kg	mm	mm	mm	mm	mm
GATD-75-ASF	HUD	75	30x2	250	123	30	112x112	92x92	9
GATD-100-ASF		100	30x2	310	150	30			
GATD-125-ASF	HUD	125	35x2	440	175	33	145x145	120x120	11
GATD-150-ASF		150	40x2	630	200	35			
GATD-75-ASF	NUD	75	30x2	250	123	30	112x112	92x92	9
GATD-100-ASF		100	30x2	310	150	30			
GATD-125-ASF	NUD	125	35x2	440	175	33	145x145	120x120	11
GATD-150-ASF		150	40x2	630	200	35			





Options

Code Suffix	HUD	NUD				
Description	Cast PU(A95)	Cast PU(A95)				
Available for	75 ~ 150	75 ~ 150				



Product movie

Guide for selection of wheels : AGV casters

Image	Series	Description	Wheel code	Wheel dia mm	Wheel width mm	Axle bore mm	Hub length mm	Load capacity Kg	Bearing type
	HUD	<ul style="list-style-type: none"> - Cast polyurethane (Shore A90) - Aluminum core - Two ball bearings 	HUD-75-30	75	30	8	30	100	608 ZZ
			HUD-75-23	75	23	15	23	100	6202 ZZ
	HUD	<ul style="list-style-type: none"> - Cast polyurethane (Shore A95) - Aluminum core - Two ball bearings 	HUD-75-48	75	48	15	51	200	6202 ZZ
			HUD-75-30	75	30	15	30	125	6202 ZZ
	HUD	<ul style="list-style-type: none"> - Cast polyurethane (Shore A95) - Steel core - Two ball bearings 	HUD-100-30	100	30	15	30	155	6202 ZZ
			HUD-125-35	125	35	15	35	220	6202 ZZ
			HUD-150-40	150	40	15	40	315	6202 ZZ
	NUD	<ul style="list-style-type: none"> - Cast polyurethane (Shore A95) - Steel core - Two ball bearings 	NUD-75-30	75	30	15	30	125	6202 ZZ
			NUD-100-30	100	30	15	30	155	6202 ZZ
			NUD-125-35	125	35	15	35	220	6202 ZZ
			NUD-150-40	150	40	15	40	315	6202 ZZ