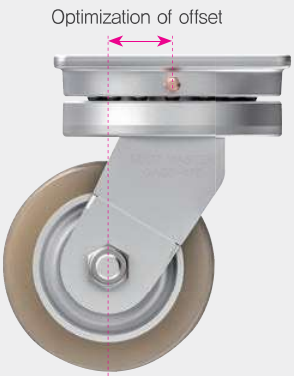


AGV casters

GAGD series

General AGV Purpose and Dual Wheels for Heavy Load

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

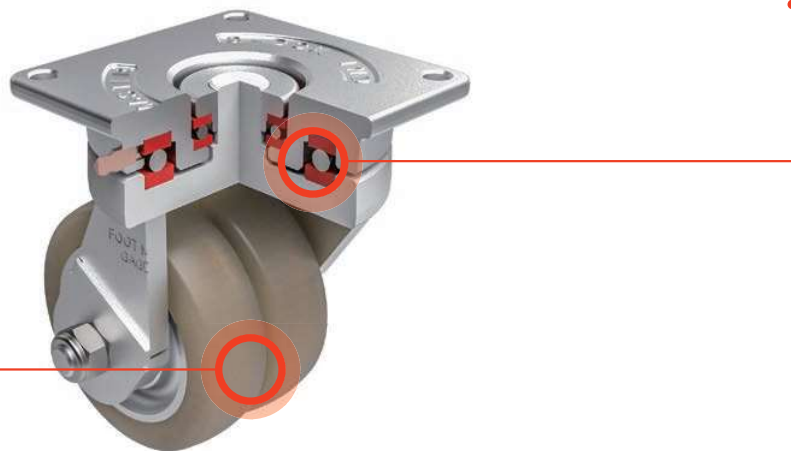


Optimization of offset

AGVs carrying heavy weight are not easy to change direction. In addition, AGVs swing as much as the offset of the caster when changing directions. This swing phenomenon appears more prominent as the weight is heavier, and this swing phenomenon leads AGVs stop away from the regular position. FOOT MASTER® AGV caster – GAGD endures heavy weight, and provides the best solution by setting an optimal offset which is smaller than the offset of a general caster to prevent abrupt stops when changing direction.

Major features

01 GAGD structure adopts **two rows of thrust bearings** to raise the swiveling power and endure very heavy weight. This guarantees durability for AGVs to run long despite heavy weight.



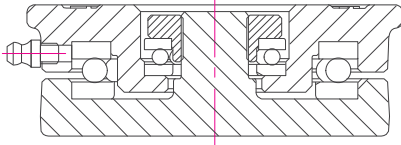
02 As the weight becomes heavier, AGV motion become more dull. For changing directions even with small force, **the dual wheels structure is essential, not optional**. GAGD uses high-elastic polyurethane wheels showing the highest performance in heavy weight AGV environments.

AGV casters

GAGD series











kg 250~630kg **RoHS** **°C** -10~90°C





Brackets: Forged steel plate, double thrust bearing in the swivel head to optimize the heavy load, grease nipple, strong welded frame, bolted wheel axle structure

Surface Treatment: Zinc plated

* Recommended Load = Load Cap. × 3

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