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Warehouse Cart Casters: Spec Guide & Best Picks

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Quick answer. Warehouse cart casters roll 8 to 10 miles per shift carrying 300 to 2,000 lb loads across polished concrete, dock plates, and expansion joints. The correct spec pairs polyurethane wheels with sealed bearings and rigs sized for dock impact, extending replacement cycles from every 6 months to every 3 to 4 years.

What warehouse casters have to survive daily

Warehouse caster life	Wrong spec	Right spec
Wheels	6-9 months	3-4 years
Bearings	4-8 months	2-3 years
Brakes	3-6 months	18-24 months
Total cost per cart	\$180-240/year	\$45-75/year

Size by cart type

Cart type	Gross weight	Caster size per wheel	Configuration
Pick cart (order cart)	300-900 lb	5" x 1-1/4" poly	2 swivel + 2 rigid
Replenishment cart	900-1,500 lb	6" x 2" poly	2 swivel + 2 rigid
Pallet dolly (wheel dolly)	2,500-4,500 lb	8" x 2" poly-on-steel	2 swivel + 2 rigid, brake
Tugger trailer	1,500-3,000 lb	6" x 2" poly, kingpinless	4 rigid + front bogie
Heavy stock cart	4,000-8,000 lb	8" x 2-1/2" poly-on-steel	2 swivel + 2 rigid, total-lock



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