

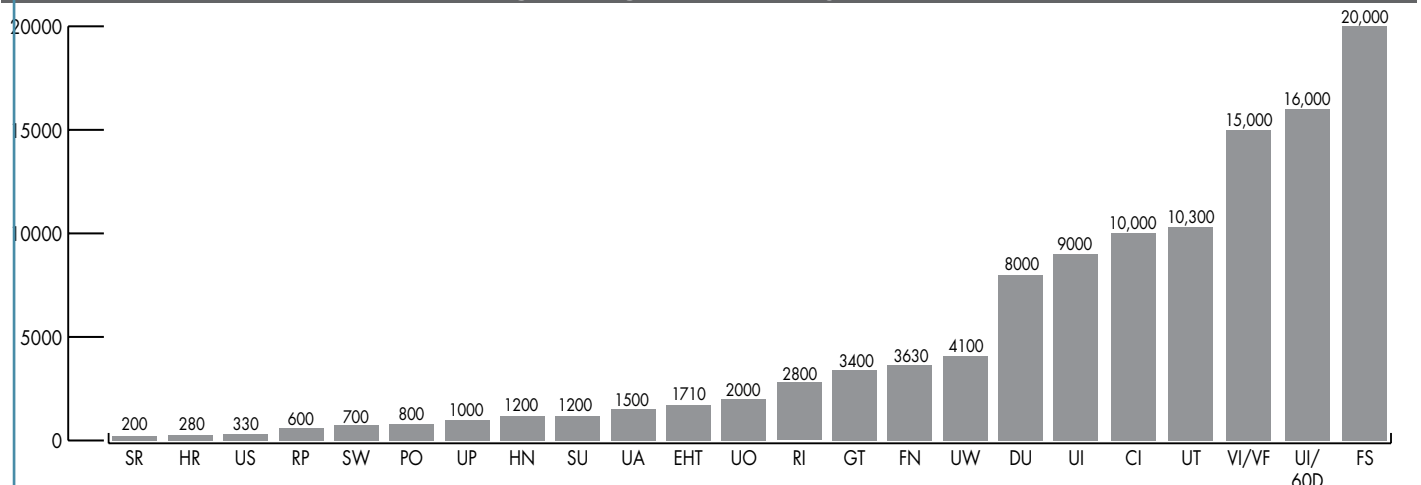
Wheel Selection Charts

WHEEL SELECTOR AID CHART (MANUAL OPERATION)

Surface	Cast Iron (CI)	Durastan (DU)	Elastomeric High Tensile (EHT)	Forged Steel (FS)	GT (GT)	Hard Rubber (HR)	High Temperature Polyolefin (HTPO)	Pneumatics (PN)	Rubber on	Mold-On Polypropylene (RP)	Omega (OU)	Signature™ Wheel (SW)	Soft Rubber (SR)	Torus Wheel™ (UAB)	Urethane on Iron (UI)	Urethane (UP/US)	V-Groove Forged Steel (VF)	V-Groove Iron (VI)		
Finished Wood Floor	Not Recommended	Good	Excellent	Not Recommended	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	
Finished Concrete Floor	Not Recommended	Good	Excellent	Not Recommended	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	
Ceramic Tile - Terrazzo	Not Recommended	Not Recommended	Excellent	Not Recommended	Good	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	
Vinyl - Asphalt - Rubber Tile	Not Recommended	Not Recommended	Excellent	Not Recommended	Good	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	
Oil - Grease - Solvents	Good	Good	Not Recommended	Good	Good	Good	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	
Alkalines - Inorganic	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Good	Good	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	
Metal Chips on Floor	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	
Characteristics																				
Ease of Rolling	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	
Load Carrying Ability	Excellent	Excellent	Good	Excellent	Excellent	Good	Good	Good	Not Recommended	Not Recommended	Not Recommended	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	
Noise in Operation	Not Recommended	Not Recommended	Excellent	Not Recommended	Good	Not Recommended	Not Recommended	Not Recommended	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Good	Good	Good	Not Recommended	Not Recommended	
Floor Protection	Not Recommended	Good	Excellent	Not Recommended	Good	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	
Resiliency	Not Recommended	Not Recommended	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Excellent	Good	Good	Not Recommended	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	
Impact Resistance	Not Recommended	Not Recommended	Excellent	Excellent	Good	Not Recommended	Not Recommended	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	
Moisture & Chem. Resistance	Excellent	Not Recommended	Not Recommended	Excellent	Excellent	Not Recommended	Good	Excellent	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Excellent	Excellent	Excellent	
Abrasion Resistance	Excellent	Good	Not Recommended	Excellent	Excellent	Not Recommended	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Excellent	Excellent	Excellent	
Temperature Range	High	800°	275° 300°	200°	800°	275°	180°	550°	230°	200°	200°	200°	175°	180°	200°	180°	175°	175°	800°	800°
Low		-65°	-65°	-40°	-65°	-40°	-40°	-40°	-40°	-40°	-40°	-40°	-40°	-40°	-40°	-40°	-40°	-40°	-65°	-65°
Durometer Rating		95D	70A		75D	75D	85D	65D		70A	75A	95A	70A	75A	80A, 95A	95A, 60D, 80A, 90A	95A			

NOTE: This chart is very general in scope. For applications other than normal factory or warehouse conditions, we strongly recommend you contact your RWM representative.

WHEEL CAPACITY RANGE BY TYPE



Wheel Selection Charts

GUIDELINES FOR SELECTING WHEEL DIAMETER

Total Weight Including Cart	Wheel Diameter	Total Weight Including Cart	Wheel Diameter	Total Weight Including Cart	Wheel Diameter
20 to 250	3"	500 to 1000	5"	1500 to 2000	8"
250 to 500	4"	1000 to 1500	6"	2000 to 3000	10"

This is a general guideline. Diameter selection will depend on application factors and wheel types.

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