

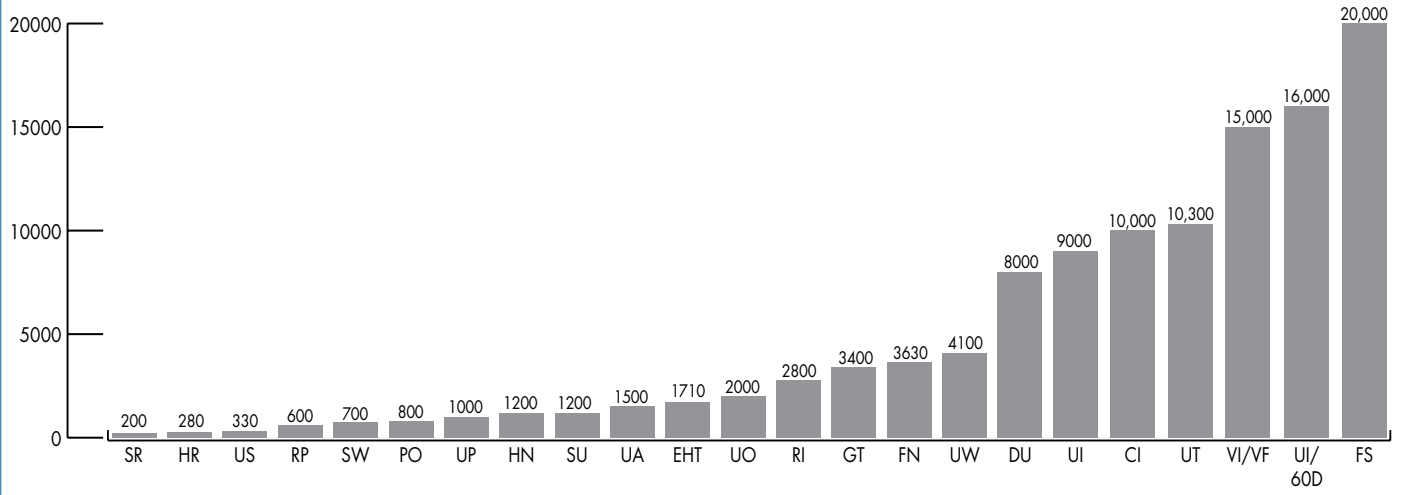
# Wheel Selection Charts

## WHEEL SELECTOR AID CHART (MANUAL OPERATION)

Surface	Cast Iron (CI)	Durostan (DU)	Elastomeric High Tensile (EHT)	Forged Steel (FS)	GT (GT)	Hard Rubber (HR)	High Temperature Nylon (HN)	Polyolefin (PO)	Pneumatics (PN)	Rubber on Polypropylene (RP)	Mold-On Rubber (RI)	Omega (UO)	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	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Not Recommended	Not Recommended
Finished Concrete Floor	Not Recommended	Good	Excellent	Not Recommended	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Not Recommended	Not Recommended
Ceramic Tile - Terrazzo	Not Recommended	Not Recommended	Good	Not Recommended	Good	Not Recommended	Not Recommended	Not Recommended	Good	Good	Good	Good	Good	Good	Good	Good	Good	Not Recommended	Not Recommended
Vinyl - Asphalt - Rubber Tile	Not Recommended	Not Recommended	Good	Not Recommended	Good	Not Recommended	Not Recommended	Not Recommended	Good	Good	Good	Good	Good	Good	Good	Good	Good	Not Recommended	Not Recommended
Oil - Grease - Solvents	Good	Good	Not Recommended	Good	Not Recommended	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Good	Not Recommended	Not Recommended	Good	Good	Good	Good	Good	Good
Alkalines - Inorganic	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Good	Not Recommended	Not Recommended	Good	Good	Good	Good	Not Recommended	Not Recommended
Metal Chips on Floor	Good	Not Recommended	Not Recommended	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	Good	Good
Characteristics																			
Ease of Rolling	Good	Good	Not Recommended	Good	Good	Good	Good	Not Recommended	Not Recommended	Not Recommended	Good	Not Recommended	Not Recommended	Good	Good	Good	Good	Good	Good
Load Carrying Ability	Good	Good	Good	Good	Good	Good	Good	Not Recommended	Not Recommended	Not Recommended	Good	Good	Not Recommended	Good	Good	Good	Good	Good	Good
Noise in Operation	Not Recommended	Not Recommended	Good	Not Recommended	Good	Not Recommended	Not Recommended	Not Recommended	Good	Good	Good	Good	Good	Good	Good	Good	Good	Not Recommended	Not Recommended
Floor Protection	Not Recommended	Good	Good	Not Recommended	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Not Recommended	Not Recommended
Resiliency	Not Recommended	Not Recommended	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Good	Good	Good	Good	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended
Impact Resistance	Not Recommended	Not Recommended	Good	Good	Good	Not Recommended	Not Recommended	Not Recommended	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Moisture & Chem. Resistance	Good	Not Recommended	Not Recommended	Good	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Good	Not Recommended	Good	Good	Good	Good
Abrasion Resistance	Good	Good	Not Recommended	Good	Good	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Good	Not Recommended	Not Recommended	Good	Good	Good	Good	Good	Good
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



## 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.