

CASTERS & WHEELS

CASTER SELECTION GUIDE

4 FUNDAMENTAL FACTORS TO CONSIDER



REQUIRED LOAD CAPACITY

This is the most important criterion for caster selection. Each caster should have the capacity to support one-third of the total load weight, because overloading, uneven floors and load distribution may place a heavier burden on one or more casters.



MOBILITY NEEDS

The larger the wheel size (and swivel radius), the greater the mobility. The type of bearing selected will also improve mobility and reduce rolling resistance. Neoprene, elastomeric, and urethane wheels offer maximum mobility.



FLOOR CONDITIONS

What are your floors like? Check for rough or uneven surfaces—joints, grates, potholes—and for oil, grease and solvents or a variety of other chemicals or contaminants. In addition, note any carpeted areas or areas where non-marking qualities are critical.



ENVIRONMENTAL CONDITIONS

Check for dust, humidity and temperature extremes. Are the floors littered with debris? Casters with sealed swivels are ideal in areas with sprays or wash-down requirements where there is lint or dust and where extreme quiet is essential.

	Metal	Rubber	Phenolic	Hi-Temp Polyolefin	Blue Elastic Nylon	Soft Rubber	Polyurethane	Solid Rubber	Pneumatic	Semi-Pneumatic
FLOOR SURFACES										
Asphalt	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Brick, ceramic tile	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Concrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Terrazzo	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Steel-ribbed	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Steel-smooth	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Carpet	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Linoleum, soft tiles	No	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Wood, block, planks	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes
FLOOR CONDITIONS										
Floor protection	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Quiet operation	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
ENVIRONMENTS										
Oil grease	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Mild chemicals	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Water	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Steam	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Below -20°F	Yes	Yes	Yes	No	Yes	Yes	No	Yes	No	No
Above 160°F	Yes	No	Yes	Yes	Yes	No	Yes	No	No	No
Metal chips/shavings	Yes	No	No	No	No	Yes	Yes	No	No	No

WHEEL TYPES

Soft Rubber: Offers a smooth, semi-cushioned ride with good floor protection, but can leave black marks on floors. Wears on rough surfaces and can become brittle if left exposed to the elements. Standard colour is black.

Hard Rubber: Economical, easy rolling and durable wheel with adequate impact strength, hard rubber can hold more weight than soft rubber and doesn't mark the floor as easily.

Mold-On Rubber: Offers a semi-cushioned ride, rolls over debris and on uneven surfaces. Tread is soft black rubber that can mark. Performs well on lighter applications but doesn't handle overloading very well.

Pneumatic: Have an outer tire with an inflatable tube, mounted to a metal rim assembly. The inflatable tire offers an exceptional cushioned ride, is light weight and has a great diversity of applications. Limited weight capacity, punctures and marking rubber are disadvantages to consider.

Semi-Pneumatic: Natural black rubber tread on a polyolefin/plastic hub and come standard with ball bearings. These wheels are used in many of the same applications as the full pneumatic wheels, but have the advantage of not going flat.

Polyurethane: Non-marking, popular, lightweight, durable and versatile wheel. Long-lasting tread mechanically bonded to an aluminum core, wears well and are impervious to

water (including salt water), resistant to oils, grease, most solvents and chemicals, typically used in commercial, industrial, institutional and food service applications. Offers excellent manoeuvrability, semi-quiet ride, adequate floor protection and good capacity ratings.

Polyolefin: Very durable, inexpensive, holds high capacities, has high shock load impact strength, is sanitary and is impervious to water, resistant to most oils, grease, chemicals and solvents, is non-marking and most of our polyolefin wheels have a slight crowned tread, which offers good roll ability. Great for most applications not needing a cushioned ride and that will not be exposed to heat.

Phenolic: A very hard, durable and versatile wheel. Of all of the hard surface wheels (compared to steel) it provides the best floor protection and is quieter. Good roll ability and are very popular wheels in the industrial, manufacturing, warehousing and bakery industries. Resists oils, grease, gasoline, and most commonly used chemicals and intermittent water exposure. Not recommended for continuous wet applications.

Hi-Temp "Lava" Nylon: Will not crush under heavy loads. It is good for use on all sorts of surfaces from wood to concrete. Will tolerate temperatures from -43°C (-45°F) to 246°C (475°F) and is not affected by most corrosive chemicals.

POLYOLEFIN CASTERS

- Rolls easily on most floors
- Lightweight and economical
- Non-marking, easy to maintain, steam cleanable
- High impact strength
- Superior resistance to most oils, chemicals, grease and acids

Model No.	Wheel Dia."	Style	Cap. lbs.	Tread Width"	Overall Height"	Price /Each
ML391	3	Swivel	250	1 1/4	4 1/2	
ML392	3	Rigid	250	1 1/4	4 1/2	
ML393	4	Swivel	250	1 1/4	5 1/4	
ML394	4	Rigid	250	1 1/4	5 1/4	
ML395	5	Swivel	250	1 1/4	6 1/8	
ML396	5	Rigid	250	1 1/4	6 1/8	

SURFACE APPLICATIONS:
Concrete, brick, carpet and steel

Plate size: 2 5/8" x 3 3/4"
Bolt hole centres: 1 3/4" x 2 7/8"
Bolt hole size: 5/16"



ML391

ML394

BLUE ELASTIC RUBBER CASTERS

- High load capacity, rolls easily and quietly on all floors
- Non-marking, excellent floor protection
- Zinc chromed plated finish provides corrosion resistance
- Elastic rubber tread rejects floor debris
- Sealed double ball raceway
- Thread guards
- Ball bearing

SURFACE APPLICATIONS:
Concrete, brick, carpet, steel, tile, asphalt, wood and linoleum

Plate size: 3 3/8" x 4"
Bolt hole centres: 2 3/8" x 3 1/8"
Bolt hole size: 5/16"



Model No.	Wheel Dia."	Style	Cap. lbs.	Tread Width"	Overall Height"	Price /Each
ML333	4	Swivel	350	1 3/8	5	
ML334	4	Rigid	350	1 3/8	5	
ML342	4	Swivel W/Brake	350	1 3/8	5	
ML337	5	Swivel	400	1 3/8	6	
ML338	5	Rigid	400	1 3/8	6	
ML345	5	Swivel W/Brake	400	1 3/8	6	



ML333



ML342



ML334

NYLON SANDWICH CASTERS

- Non-marking white nylon elastic rubber cushion ring layer reduces noise and vibration
- Chrome zinc-finish for corrosion resistance
- Double raceway
- Ball bearing
- Brake type: Total locking

SURFACE APPLICATIONS:
Concrete, brick, carpet and steel

Plate Size: 3 1/3" x 4 1/8"
Bolt hole centers: 3 1/8" x 2 1/3"
Bolt hole size: 5/16"



Model No.	Wheel Dia."	Style	Cap. lbs.	Tread Width"	Overall Height"	Price /Each
MN441	4	Swivel	440	1 3/8	5 1/8	
MN442	4	Rigid	440	1 3/8	5 1/8	
MN443	4	Swivel W/Brake	440	1 3/8	5 1/8	
MN444	5	Swivel	440	1 3/8	6 1/8	
MN445	5	Rigid	440	1 3/8	6 1/8	
MN446	5	Swivel W/Brake	440	1 3/8	6 1/8	

MN441



MN442



MN443

POLYURETHANE CASTERS

- Smooth rolling, low noise operation
- Non-marking, cut & tear resistant
- Die cast aluminum core with brown polyurethane tread
- Resistant to most chemicals, moisture friendly
- Double ball raceway • Annular ball bearing

SURFACE APPLICATIONS:
Concrete, brick, carpet, steel, tile, asphalt, wood and linoleum

Plate size:
3 = 2 5/8" x 3 3/4"
4 = 2 3/8" x 4 1/8"
4 HD = 4" x 4 1/2"
5 = 4" x 4 1/2"
6 = 4" x 4 1/2"
8 = 4" x 4 1/2"

Bolt hole centres:
3 = 1 3/4" x 2 3/4"
4 = 2 3/8" x 3 1/16"
4 HD = 3 1/4" x 2 3/4"
5 = 3 1/4" x 2 3/4"
6 = 3 1/4" x 2 3/4"
8 = 3 1/4" x 2 3/4"

Bolt hole size:
3 = 5/16"
4 = 5/16"
4 HD = 3/8"
5 = 3/8"
6 = 3/8"
8 = 3/8"



Model No.	Wheel Dia."	Style	Cap. lbs.	Tread Width"	Overall Height"	Price /Each
ML044	3	Swivel	230	1 1/4	4 1/4	
ML043	3	Rigid	230	1 1/4	4 1/4	
ML045	4	Swivel	440	1 1/2	5 3/8	
ML046	4	Rigid	440	1 1/2	5 3/8	
ML441	4HD	Swivel	550	1 5/8	5 5/8	
ML442	4HD	Rigid	550	1 5/8	5 5/8	
MN264	4HD	Swivel w/brake	550	1 5/8	5 5/8	
ML397	5	Swivel	650	1 1/2	6 1/2	
ML398	5	Rigid	650	1 1/2	6 1/2	
MN265	5	Swivel w/brake	650	1 1/2	6 1/2	
ML399	6	Swivel	850	1 1/2	7 1/2	
ML400	6	Rigid	850	1 1/2	7 1/2	
MN266	6	Swivel w/brake	850	1 1/2	7 1/2	
MN449	6	Butterfly side brake	850	1 1/2	7 1/2	
ML401	8	Swivel	1000	1 5/8	9 1/2	
ML402	8	Rigid	1000	1 5/8	9 1/2	
MN267	8	Swivel w/brake	1000	1 5/8	9 1/2	
MN450	8	Butterfly side brake	1000	1 5/8	9 1/2	



ML043



ML044



MN264

CASTERS & WHEELS

HI-TEMP NYLON CASTERS

- Smooth rolling, non-marking
- Zinc chrome plated finish provides corrosion resistance
- Superior resistance to most oils, chemicals, and grease
- Double ball raceway
- Ball bearing
- Total lock brake
- Brake type: Total Locking

SURFACE APPLICATIONS:

Concrete, brick, carpet and steel

Plate Size: 4" x 4 1/2"

Bolt hole centers: 3" x 3 1/3"

Bolt hole size: 7/16"



Model No.	Wheel Dia."	Style	Cap. lbs.	Tread Width"	Overall Height"	Price /Each
ML861	6	Swivel	800	1 3/4	7 5/8	
ML862	6	Rigid	800	1 3/4	7 5/8	
ML863	6	Swivel W/Brake	800	1 3/4	7 5/8	
MN453	6	Butterfly side brake	800	1 3/4	7 5/8	
ML864	8	Swivel	850	1 3/4	9 1/2	
ML865	8	Rigid	850	1 3/4	9 1/2	
ML866	8	Swivel W/Brake	850	1 3/4	9 1/2	
MN454	8	Butterfly side brake	850	1 3/4	9 1/2	



MOLD-ON RUBBER CASTERS

- Molded rubber wheel permanently bonded to spoked cast iron core
- Iron centre gives it strength while the molded rubber offers smooth and quiet operation
- Protects loads and surfaces
- Won't damage warehouse or factory floors
- Brake type: Total Locking

SURFACE APPLICATIONS:

Concrete, brick, carpet, steel, tile, asphalt, wood and linoleum

Plate Size: 4" x 4 1/2"

Bolt hole centers: 2 7/8" x 3 1/3"

Bolt hole size: 7/16"



Model No.	Wheel Dia."	Style	Cap. lbs.	Tread Width"	Bearing Type"	Price /Each
ML846	5	Swivel	400	2	Roller	
ML847	5	Rigid	400	2	Roller	
ML849	6	Swivel	500	2	Roller	
ML850	6	Rigid	500	2	Roller	
ML851	6	Swivel w/Brake	500	2	Roller	
MN451	6	Butterfly side brake	500	2	Roller	
ML852	8	Swivel	600	2	Roller	
ML853	8	Rigid	600	2	Roller	
ML854	8	Swivel w/Brake	600	2	Roller	
MN452	8	Butterfly side brake	600	2	Roller	



PNEUMATIC CASTERS

- Four ply pneumatic casters offer smooth and quiet rolling over the roughest surfaces and outdoor terrain
- Shock absorbing properties give the greatest possible protection to both the load and floor
- The "Air cushion" feature will transport the most fragile material and instruments without damage
- Not recommended for floors with metal shavings or corrosive chemicals

SURFACE APPLICATIONS:

Concrete, brick, carpet, steel, tile, asphalt, wood and linoleum

Plate Size: 4" x 4 1/2"

Bolt hole centers: 2 3/4" x 3 3/8"

Bolt hole size: 13/32"



Model No.	Wheel Dia."	Style	Cap. lbs.	Tread Width"	Overall Height"	Price /Each
MN222	8	Swivel	350	2	10	
MN221	8	Rigid	350	2	10	
MN224	10	Swivel	400	3	12	
MN223	10	Rigid	400	3	12	

Note: For optimum use pneumatic wheels must be properly inflated



FLAT-FREE CASTERS

- Solid polyurethane wheel never runs flat
- Same bounce feel and weight of a pneumatic caster
- Smooth and quiet rolling over rough terrain and surfaces
- Less costly than traditional foam-filled tires
- Ball bearing

SURFACE APPLICATIONS:

Concrete, brick, carpet, steel, tile, asphalt, wood and linoleum

Plate Size: 4" x 4 1/2"

Bolt hole centers: 2 3/4" x 3 3/8"

Bolt hole size: 13/32"



Model No.	Wheel Dia."	Style	Cap. lbs.	Tread Width"	Overall Height"	Price /Each
MN226	8	Swivel	275	2	10	
MN225	8	Rigid	275	2	10	
MN228	10	Swivel	300	3	12	
MN227	10	Rigid	300	3	12	



GENERAL PURPOSE CASTERS

THERMOPLASTIC

- Grey thermoplastic rubber non-marking wheels with ball bearing casters and synthetic tread guards
- Zinc-plated pressed steel brackets
- Swivel brackets feature double ball bearings in swivel head for smooth movement
- Capacity: up to 110 lbs.



Plate size: 2 1/3" x 2 1/3"
Bolt holes: 1 3/4" x 1 3/4"
Bolt hole size: 17/64"

Model No.	Caster Type	Wheel Diameter"	Wheel Width"	Caster Height"	Price /Each
MK992	Rigid	2	3/4	2 3/8	
MK991	Swivel	2	3/4	2 3/8	
MK994	Swivel w/Brake	2	3/4	2 3/8	

THERMOPLASTIC

- Heavy-duty double swivel raceway
- Grey thermoplastic rubber is non-marking and includes synthetic tread guards to protect roller bearings
- Durable zinc-plated pressed steel assembly for durability
- Brake type: Total locking



Plate size: 3 1/2" x 2 1/2"
Bolt holes: 2 3/4" x 1 3/4"
Bolt hole size: 5/16"

Wheel Dia"	Tread Width"	Bearing Type	Cap. lbs.	Overall Height"	Swivel Model No.	Price /Each	Rigid Model No.	Price /Each	Swivel w/Brake Model No.	Price /Each
3 1/8	1 1/4	Ball	130	4 1/4	ML014		ML020		ML017	
4	1 1/8	Ball	200	5 1/4	ML015		ML021		ML018	
5	1 1/8	Ball	220	6 1/4	ML016		ML022		ML019	

MEDIUM-HEAVY DUTY CASTERS

GENERAL PURPOSE

- 9/16" diameter rivet
- 3/8" diameter axle and lock nut
- Brake type: Top locking
- 1/4" diameter upper race; 1/4" diameter lower race
- Corrosion resistant bright zinc finish

Excellent for:

- Medium-duty applications
- Mobile warehousing equipment
- Stock trucks



MG211



Plate size: 2 3/4" x 3 3/4"
Bolt holes: 1 3/4" x 2 13/16"
Bolt hole size: 5/16"

Wheel Dia"	Tread Width"	Bearing Type	Cap. lbs.	Swivel Radius"	Overall Height"	Wheel Type	Swivel Model No.	Price /Each	Rigid Model No.	Price /Each	Swivel w/brake Model No.	Price /Each	Rigid w/brake Model No.	Price /Each
3	1 1/4	Nylon	350	2 7/8	4	Phenolic	MG199		MG200		MH453		MH454	
		Nylon	300			Steel	MG201		MH455		MH456			
		Steel	350			Urethane	MG203		MH457		MH458			
		Steel	350			Urethane Grey	MG205		MH459		MH460			
4	1 1/4	Steel	350	3 1/2	5	Phenolic	MG207		MG208		MH461		MH462	
		Steel	300			Steel	MG209		MH463		MH464			
		Steel	350			Urethane	MG211		MH465		MH466			
		Steel	350			Urethane Grey	MG213		MH467		MH468			

HEAVY-DUTY

- 9/16" diameter rivet
- 3/8" drilled axle and lock nut
- Corrosion resistant bright zinc finish
- Available with brake
- 1/4" diameter upper raceway
- 1/4" diameter lower raceway (equal diameter raceway)

Excellent for:

- Platform trucks
- Food service equipment
- Hotel equipment
- Factory use
- Textile carts



MG271

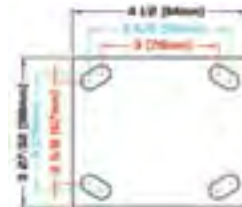


Plate size: 3 27/32" x 4 1/2"
Holes slotted for: 2 5/8" to 3" x 3" to 3 5/8"
Bolt hole size: 3/8"

Wheel Dia"	Tread Width"	Bearing Type	Cap. lbs.	Swivel Radius"	Overall Height"	Wheel Type	Swivel Model No.	Price /Each	Rigid Model No.	Price /Each
4	1 1/2	Roller	250	3 5/16	5 1/8	Mold-On Rubber	MG263		MG264	
		Roller	400			Polyolefin	MG265		MG266	
		Roller	550			Phenolic	MG267		MG268	
		Roller	550			Steel	MG269		MG270	
		Roller	500			Envirothane™ Urethane	MG271		MG272	
		Roller	550			V-Groove	MG273		MG274	
		Roller	550			RollIX™ Nylon	MN825		MN829	
		Roller	550			Lava™ High Temp Nylon	MN826		MN830	
5	1 1/2	Roller	350	3 15/16	6 1/8	Mold-On Rubber	MG275		MG276	
		Roller	500			Polyolefin	MG277		MG278	
		Roller	550			Phenolic	MG279		MG280	
		Roller	550			Steel	MG281		MG282	
		Roller	550			Envirothane™ Urethane	MG283		MG284	
		Roller	550			RollIX™ Nylon	MN827		MN831	
		Roller	550			Lava™ High Temp Nylon	MN828		MN832	

CASTERS & WHEELS

HEAVY-DUTY CASTERS

HEAVY-DUTY EMAXX KINGPIN CASTERS

- 3/4" diameter heavy-duty kingpin
- 1/2" zerk axle and lock nut
- Brake type: Top locking
- 5/16" diameter upper and lower ball; hardened steel load bearings
- Virtually maintenance-free
- Corrosion resistant bright zinc finish
- Stem casters available

Excellent for:

- Stock carts and platform trucks
- Garbage bins
- Hospital equipment
- Food industry
- Heavy service equipment
- Factory use

Plate size: 3 27/32" x 4 1/2"
Holes slotted for: 2 5/8" to 3" x 3" to 3 5/8"
Bolt hole size: 3/8"



MG359



MOLD-ON URETHANE



MOLD-ON RUBBER



ALTHANE™



PROTECH™



ENVIROTHANE™



V GROOVE



STEEL



ROLLX™



PHENOLIC



LAVA™

Wheel Dia"	Tread Width"	Bearing Type	Cap. lbs.	Swivel Radius"	Overall Height"	Wheel Type	Swivel Model No.	Price /Each	Rigid Model No.	Price /Each	Swivel w/brake	Price /Each
4	2	Roller	300	3 3/4	5 5/8	ProTech™	MG319		MG320		MH511	
		Roller	300			Mold-On Rubber	MG321		MG322		MH513	
		Roller	750			ALThane™	MG323		MG324		MH515	
		Roller	900			Phenolic	MG327		MG328		MH519	
		Roller	700			Steel	MG329		MG330		MH521	
		Roller	650			Envirothane™ Urethane	MG331		MG332		MH523	
		Roller	800			Mold-On Urethane	MG333		MG334		MH525	
		Roller	900			V-Groove	MG335		MG336		MH527	
		Roller	900			RollX™ Nylon	MN833		MN836		-	
		Roller	900			Lava™ High Temp Nylon	MN839		MN842		-	
5	2	Roller	375	4 7/16	6 1/2	ProTech™	MG337		MG338		MH529	
		Roller	450			Mold-On Rubber	MG339		MG340		MH531	
		Roller	900			ALThane™	MG341		MG342		MH533	
		Roller	900			Phenolic	MG345		MG346		MH537	
		Roller	900			Steel	MG347		MG348		MH539	
		Roller	800			Envirothane™ Urethane	MG349		MG350		MH541	
		Roller	900			Mold-On Urethane	MG351		MG352		MH543	
		Roller	900			V-Groove	MG353		MG354		MH545	
		Roller	900			RollX™ Nylon	MN834		MN837		-	
		Roller	900			Lava™ High Temp Nylon	MN840		MN843		-	
6	2	Roller	450	5	7 1/2	ProTech™	MG355		MG356		MH547	
		Roller	500			Mold-On Rubber	MG357		MG358		MH549	
		Roller	900			ALThane™	MG359		MG360		MH551	
		Roller	900			Phenolic	MG363		MG364		MH555	
		Roller	900			Steel	MG365		MG366		MH557	
		Roller	900			Envirothane™ Urethane	MG367		MG368		MH559	
		Roller	900			Mold-On Urethane	MG369		MG370		MH561	
		Roller	900			V-Groove	MG371		MG372		MH563	
		Roller	900			RollX™ Nylon	MN835		MN838		-	
		Roller	900			Lava™ High Temp Nylon	MN841		MN844		-	

GENERAL USE CASTERS

HOODED ROUND BALL CASTERS (600 SERIES)

- 5/16" rivet
- 1/4" riveted axle
- 3/16" diameter over and under race; hardened steel load bearings
- Nylon bushing
- Only the highest quality of bright cold-rolled steel is used
- Government approved
- Heat treated
- Bright chrome finish

Excellent for:

- Office furniture
- Institutional equipment
- Hospital environment



MG008

Plate size: 1 3/16" x 2"
Bolt holes: 13/16" x 1 9/16" centre-to-centre
Bolt hole size: 7/32"

TWIN WHEEL CASTERS (300/400 SERIES)

- Manufactured with the highest quality nylon material
- Canadian government and BIFMA approved
- Black finish

Excellent for:

- Office furniture
- Chairs
- Audio visual equipment stands



MG002

Plate size: 1 1/2" x 1 1/2"
Bolt holes: 1" x 1" centre-to-centre
Bolt hole size: 15/64"



MG001



MG005

Wheel Dia"	Capacity lbs.	Swivel Radius"	Overall Height"	Wheel Type	Swivel Model No.	Price /Each	Swivel Model No.	Price /Each	Swivel W/brake Model No.	Price /Each
2	75	2 1/16	2 1/2	Urethane	MG008		MG001*		-	
2	75	2 1/16	2 1/2	Urethane Grey	MG009		MG002*		MG003*	
2	75	2 1/16	2 1/2	Plastic	MG010		MG004		MG005	
2	75	2 1/16	2 1/2	Extra Strength Nylon - Regular Style			MG006**		MG007**	

* Round stem 7/16" x 1" w/friction ring ** Threaded stem 5/16" x 3/4"

COMFORT ROLL CASTERS

- Non-marking neoprene rubber wheel tread
- Smooth rolling precision bearing in wheel
- Dual ball bearing swivel raceways for added strength
- 7/16" x 7/8" grip ring stem



MJ020



MJ022

Model No.	Wheel Dia."	Tread Width"	Cap. lbs.	Wheel Description	Wheel Bearing	Load Height"	Swivel Radius"	Price /Each
SWIVEL CASTERS								
MJ020	2	1	125	Neoprene Rubber	Precision Ball	2 11/16	2	
MJ021	3	1	175	Neoprene Rubber	Precision Ball	4	2 13/16	
TOTAL LOCKING CASTERS								
MJ022	2	1	125	Neoprene Rubber	Precision Ball	2 11/16	2 3/16	
MJ023	3	1	175	Neoprene Rubber	Precision Ball	4	2 13/16	

colson

ZINC PLATED CASTERS

FOOD SERVICE/HEALTH CARE EQUIPMENT

Solid stem light-duty

- Designed for food service, health care industry
- Use with hospital equipment, utility carts and portable equipment
- Easy "step-on ... step-off" toe mechanisms
- 1/2" - 13 x 3/4" threaded stem



colson

Wheel Dia."	Tread Width"	Cap. lbs.	Wheel Description	Wheel Bearing	Load Height"	Swivel Radius"	Swivel Model No.	Price /Each	Total Lock Model No.	Price /Each	Direction Lock Model No.	Price /Each
3	1 1/4	150	Grey Rubber	Ball	4 1/4	3	MI916	-	MI930	-	-	-
3	1 1/4	180	Poly-Loc Poly	Ball	4 1/4	3	MI917	-	MI931	-	-	-
4	1 1/4	200	Grey Rubber	Ball	5 1/4	3 1/4	MI918	-	MI932	-	MI946	-
4	1 1/4	200	Crown Grey Adv	Celcon	5 1/4	3 1/4	ML137	-	ML138	-	MI947	-
4	1 1/4	200	Crown Grey Adv	Ball	5 1/4	3 1/4	MI920	-	MI934	-	-	-
4	1 1/4	200	Poly-Loc Grey	Roller	5 1/4	3 1/4	MI921	-	MI935	-	MI949	-
5	1 1/4	240	Grey Rubber	Ball	6 1/4	3 1/4	MI922	-	MI936	-	MI950	-
5	1 1/4	240	Crown Grey Adv	Ball	6 1/4	3 1/4	MI924	-	MI938	-	MI952	-
5	1 1/4	240	Poly-Loc Grey	Roller	6 1/4	3 1/4	MI925	-	MI939	-	-	-
6	1 1/4	250	Grey Rubber	Ball	7 1/2	4	MI926	-	MI940	-	-	-
6	1 1/4	250	Crown Grey Adv	Ball	7 1/2	4	MI928	-	MI942	-	-	-
6	1 1/4	250	Poly-Loc Grey	Roller	7 1/2	4	MI929	-	-	-	-	-

ZINC PLATED CASTERS

FOOD SERVICE/HEALTH CARE EQUIPMENT

Top plate light-duty

- Designed for food service and health care industry
- Use with hospital equipment, utility carts and portable equipment
- Easy "step-on ... step-off" toe mechanisms

Plate size: 3 3/4" x 2 3/4"
 Bolt hole centres: 3" x 1 3/4"
 Bolt hole size: 5/16"



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Wheel Dia."	Tread Width"	Cap. lbs.	Wheel Description	Wheel Bearing	Load Height"	Swivel Radius"	Swivel Model No.	Price /Each	Total Lock Model No.	Price /Each	Direction Lock Model No.	Price /Each
3	1 1/4	150	Grey Rubber	Ball	4 1/4	3	MI874	-	MI888	-	-	-
3	1 1/4	180	Poly-Loc Poly	Ball	4 1/4	3	MI875	-	MI889	-	-	-
4	1 1/4	200	Grey Rubber	Ball	5 1/4	3 1/4	MI876	-	MI890	-	MI904	-
4	1 1/4	200	Crown Grey Adv	Celcon	5 1/4	3 1/4	MI877	-	MI891	-	-	-
4	1 1/4	200	Crown Grey Adv	Ball	5 1/4	3 1/4	MI878	-	MI892	-	MI906	-
4	1 1/4	200	Poly-Loc Grey	Roller	5 1/4	3 1/4	MI879	-	MI893	-	MI907	-
5	1 1/4	240	Grey Rubber	Ball	6 1/4	3 1/4	MI880	-	MI894	-	MI908	-
5	1 1/4	240	Crown Grey Adv	Celcon	6 1/4	3 1/4	MI881	-	MI895	-	-	-
5	1 1/4	240	Crown Grey Adv	Ball	6 1/4	3 1/4	MI882	-	MI896	-	MI910	-
5	1 1/4	240	Poly-Loc Grey	Roller	6 1/4	3 1/4	MI883	-	MI897	-	MI911	-
6	1 1/4	250	Grey Rubber	Ball	7 1/2	4	-	-	MI898	-	MI912	-
6	1 1/4	250	Crown Grey Adv	Celcon	7 1/2	4	MI885	-	-	-	-	-
6	1 1/4	250	Crown Grey Adv	Ball	7 1/2	4	MI886	-	MI900	-	MI914	-
6	1 1/4	250	Poly-Loc Grey	Roller	7 1/2	4	MI887	-	MI901	-	MI915	-

FLOOR LOCK BRAKES

STANDARD-DUTY

- Economical floor locks to stabilize mobile equipment
- Spring-loaded with non-skid rubber pad
- Steel construction with bright zinc-plated finish

Plate size: 4 1/2" x 4"
 Bolt hole centres: 3 5/8" x 3"
 Bolt hole size: 3/8"



Blickle®

Model No.	Use w/ wheel Diameter"	Extended Height"	Retracted Height"	Price /Each
ML630	4	6	5 1/8	-
ML631	5	6 7/8	5 3/4	-
ML632	6	7 7/8	6 13/16	-
ML633	8	8 3/4	9 7/8	-

HEAVY-DUTY

- Heavy-duty industrial strength construction
- Foot pedal easily activates lock with foot pressure
- Non-slip, non-skid rubber brake pad holds securely on smooth or irregular floor
- Designed for use on level surfaces
- Durable, high compression spring for heavy loads
- Conveniently located release bar retracts brake instantly with slight toe pressure to either side of the bar
- 8" W floor lock profile

Plate size: 2 1/2" x 3 5/8"
 Holes slotted for: 1 3/4" x 2 7/8" to 3"
 Bolt hole size: 5/16"

Model No.	Extended Height"	Retracted Height"	Price /Each
MD795	4 3/4	3 11/16	-
MD796	5 17/32	4 1/2	-
MD797	6 7/32	5 11/64	-

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MD795

Plate size: 4" x 4 1/2"
 Holes slotted for: 2 5/8" to 3" x 3" to 3 5/8"
 Bolt hole size: 3/8"

Model No.	Extended Height"	Retracted Height"	Price /Each
MD798	5 7/8	4 15/16	-
MD799	6 43/64	5 35/64	-
MD800	7 3/4	6 21/32	-
MD801	9 23/32	8 5/8	-

CASTERS & WHEELS

WHEELS

NYLON

- PO Series, high quality impact resistant wheels
- Temperature Range: -25°C to 80°C (-13°F to 176°F)

HEAT-RESISTANT

- POHI Series, high quality, impact resistant wheels
- Highly heat-resistant nylon
- Very low rolling and swiveling resistance
- Smooth running performance on even floor
- Very high abrasion resistance, suitable for autoclaves
- Temperature Range: -25°C to 250°C (-13°F to 482°F)

SOLID RUBBER

- POEV Series, high quality, impact resistant, smooth rolling wheels
- "Blickle Easy Roll" design
- Very high operational comfort, low-noise operation, low rolling resistance
- Very good floor preservation, vulcanized on the wheel centre
- Temperature Range: -25°C to 80°C (-13°F to 176°F)

THERMOPLASTIC POLYURETHANE

- POTH Series, high quality, high operational comfort, low-noise operation wheels
- Low rolling and swiveling resistance, good floor preservation
- Very high abrasion resistance, chemically bonded for an inseparable connection to the wheel centre
- Temperature Range: -25°C to 70°C (-13°F to 158°F)



Model No.	Mfg. No.	Wheel Dia"	Tread Width"	Bearing Type	Capacity lbs.	Axle Bore"	Hub Length"	Wheel Material	Price /Each
MN742	PO 80/12G	3.15	1.26	Plain	485	0.472	0.472	Nylon	
MN743	PO 100/12G	3.93	1.46	Plain	617	0.472	1.771	Nylon	
MN744	PO125 12G	4.92	1.57	Plain	660	0.590	1.771	Nylon	
MN745	PO 160/20R	6.29	1.97	Roller	992	0.787	2.362	Nylon	
MN755	POHI 81/12G	3.15	1.26	Plain	396	0.472	1.378	Heat-Resistant Nylon	
MN756	POHI 102/12G	3.93	1.50	Plain	550	0.472	1.771	Heat-Resistant Nylon	
MN757	POHI 125/12G	4.92	1.57	Plain	660	0.472	1.771	Heat-Resistant Nylon	
MN746	POEV 80/12R-SB	3.15	1.26	Roller	308	0.472	1.378	Solid Rubber	
MN747	POEV 101/8K-SB-FK	3.93	1.50	Ball	440	0.314	1.811	Solid Rubber	
MN748	POEV 126/8K-SB-FK	4.92	1.57	Ball	550	0.314	1.811	Solid Rubber	
MN749	POEV 160/20R-SB	6.29	1.97	Roller	880	0.787	2.362	Solid Rubber	
MN750	POEV 200/20R-SB	7.87	1.97	Roller	1100	0.787	2.362	Solid Rubber	
MN751	POTH 100/12R	3.93	1.38	Roller	660	0.472	1.771	Thermoplastic Polyurethane	
MN752	POTH 125/12R	4.92	1.57	Roller	770	0.472	1.771	Thermoplastic Polyurethane	
MN753	POTH 160/20R	6.29	1.77	Roller	1212	0.787	2.362	Thermoplastic Polyurethane	
MN754	POTH 200/20R	7.87	1.97	Roller	1760	0.787	2.362	Thermoplastic Polyurethane	



NYLON WHEELS

- Extremely ergonomically efficient
- Requires minimum effort to roll and swivel with high loads
- Resists hard impacts
- Resistant to most chemicals, solvents, gasses, acids
- Does not absorb water
- Ideal for industrial and institutional applications
- Alternative to hard rubber wheels
- Durometer: 85 D Scale

LAVA™ HIGH TEMP NYLON

- Temperature: -43°C to 246°C (-45°F to 525°F)

ROLLX™ NYLON

- Temperature: -43°C to 82°C (-45°F to 180°F)



MN821

MN792



Model No.	Mfg. No.	Wheel Dia"	Tread Width"	Bearing Type	Capacity lbs.	Bearing Bore"	Hub Length"	Price /Each
LAVA™ HIGH TEMP NYLON								
MN788	W-6204-LV-1-3/16	4	1.5	Plain	525	1/3/16	1 5/8	
MN789	W-6204-LV-RB	4	1.5	Roller	525	1/2	1 13/16	
MN790	W-7004-LVW-1-3/16	4	2	Plain	900	1 3/16	2 3/16	
MN791	W-7004-LVW-RB	4	2	Roller	900	1/2	2 3/8	
MN792	W-6205-LV-1-3/16	5	1.5	Plain	600	1 3/16	1 5/8	
MN793	W-6205-LV-RB	5	1.5	Roller	600	1/2	1 13/16	
MN794	W-7005-LVW-1-3/16	5	2	Plain	1050	1 3/16	2 3/16	
MN795	W-7005-LVW-RB	5	2	Roller	1050	1/2	2 3/8	
MN796	W-7006-LVW-1-3/16	6	2	Plain	1200	1 3/16	2 3/16	
MN797	W-7006-LVW-RB	6	2	Roller	1200	1/2	2 3/8	
MN798	W-7008-LVW-1-3/16	8	2	Plain	1350	1 3/16	2 3/16	
MN799	W-7008-LVW-RB	8	2	Roller	1350	1/2	2 3/8	
ROLLX™ NYLON								
MN800	W-6203-RX-1-3/16	3	1.5	Plain	600	1 3/16	1 5/8	
MN801	W-6203-RX-RB	3	1.5	Roller	600	1/2	1 13/16	
MN803	W-6204-RX-1-3/16	4	1.5	Plain	700	1 3/16	1 5/8	
MN804	W-6204-RX-RB	4	1.5	Roller	700	1/2	1 13/16	
MN808	W-7004-RXW-1-3/16	4	2	Plain	1200	1 3/16	2 3/16	
MN809	W-7004-RXW-RB	4	2	Roller	1200	1/2	2 3/8	
MN813	W-7005-RXW-1-3/16	5	2	Plain	1400	1 3/16	2 3/16	
MN814	W-7005-RXW-RB	5	2	Roller	1400	1/2	2 3/8	
MN817	W-7006-RX-1-3/16	6	2	Plain	1200	1 3/16	2 3/16	
MN818	W-7006-RX-RB	6	2	Roller	1200	1/2	2 3/8	
MN821	W-7008-RX-1-3/16	8	2	Plain	1400	1 3/16	2 3/16	
MN822	W-7008-RX-RB	8	2	Roller	1400	1/2	2 3/8	

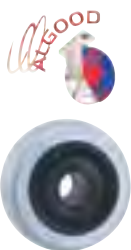
CASTERS & WHEELS

PROTECH™ POLYOLEFIN WHEELS

- Non-marking ALTech treaded wheel is securely fastened to its polyolefin core
- Highly resistant to most chemicals and excellent for all floor surfaces
- Provides for high load capacities and is rust-proof
- Quiet and easy rolling
- Shock absorbing and rejects floor debris
- Prolongs equipment life
- Temperature: -43°C to 82°C
- Durometer: 55 - 65 A Scale

Excellent for:

- Platform trucks
- Food service equipment
- Hotel equipment
- Small waste bins
- Abusive applications
- Large stock trucks
- Factory use
- Textile carts



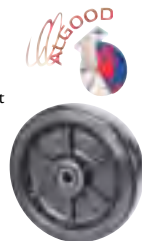
Diameter"	Tread Width"	Bearing Type	Cap. lbs.	Hub Length"	Bearing Bore"	Model No.	Price /Each
4	1 1/2	Roller	325	1 3/16	1/2	MN784	
5	1 1/2	Roller	350	1 3/16	1/2	MN785	
6	1 1/2	Roller	375	1 3/16	1/2	MN786	
4	2	Roller	300	2 3/8	1/2	MG524	
5	2	Roller	375	2 3/8	1/2	MG525	
6	2	Roller	450	2 3/8	1/2	MG526	
8	2	Roller	600	2 3/8	1/2	MG527	
10	2.5	Roller	1000	2 27/32	3/4	MN787	

ENVIROTHANE™ WHEELS

- Solid non-marking polyurethane used for high load capacities
- Harder than soft rubber and softer than hard rubber
- Top quality wheel that will not damage your floors and will not develop flat spots under standing loads
- Government approved
- Temperature: -43°C to 110°C
- Durometer: 45 - 65 D Scale

Excellent for:

- Platform trucks
- Food service equipment
- Hotel equipment
- Small waste bins
- Large stock trucks
- Factory use
- Textile carts
- Abusive applications



Diameter"	Tread Width"	Bearing Type	Cap. lbs.	Hub Length"	Bearing Bore"	Model No.	Price /Each
2	7/8	Nylon/Steel	100	1	1/4	MG532	
2 1/2	7/8	Nylon/Steel	100	1	1/4	MG533	
3	7/8	Nylon/Steel	100	1	5/16	MG534	
	1	Nylon	150	1 3/8	5/16	MG535	
	1 1/4	Nylon	250	1 5/8	5/16	MG536	
4	1	Nylon	150	1 3/8	5/16	MG537	
	1 1/4	Nylon	250	1 5/8	5/16	MG538	
	1 1/2	Plain	500	1 3/4	3/8	MG539	
	2	Roller	650	2 3/16	1/2	MG540	
5	1	Nylon	175	1 3/8	5/16	MG541	
	1 1/4	Nylon	350	1 5/8	5/16	MG542	
	1 1/2	Roller	600	1 3/4	3/8	MG543	
	2	Roller	1200	2 3/16	1/2	MG544	
6	1 1/2	Roller	600	1 3/4	1/2	MG545	
	2	Roller	1300	2 3/16	1/2	MG546	
	2 1/2	Roller	1500	2 3/4	3/4	MG547	

PHENOLIC WHEELS

- Made of macerated canvas impregnated with phenolic resin
- Resistant to grease, oil and most chemical substances
- Non-marking and provides for high floor protection
- Lightweight, and even maintains a high load rating
- Temperature: -43°C to 82°C
- Durometer: 120 Rockwell E

Excellent for:

- Factory use
- Heavy material handling
- Waste bins
- Platform trucks
- Stock trucks
- Heavy loads
- Bakery applications



Diameter"	Tread Width"	Bearing Type	Cap. lbs.	Hub Length"	Bearing Bore"	Model No.	Price /Each
3	1 1/4	Steel	400	1 3/8	5/16	MG583	
4	1 1/4	Steel	400	1 3/8	5/16	MG584	
	1 1/2	Plain	600	1 3/4	1 3/16	MG587	
	1 1/2	Roller	600	1 3/4	1/2	MG588	
	2	Plain	800	2 3/16	1 3/16	MG589	
	2	Roller	800	2 3/16	1/2	MG590	
5	1 1/4	Steel	400	1 3/8	5/16	MG591	
	1 1/2	Roller	600	1 3/4	1/2	MG593	
	2	Plain	1000	2 3/16	1 3/16	MG594	
	2	Roller	1000	2 3/16	1/2	MG595	
6	1 1/2	Plain	800	1 5/8	1 3/16	MN778	
	1 1/2	Roller	800	1 13/16	1/2	MN779	
	2	Plain	1200	2 3/16	1 3/16	MN780	
	2	Roller	1200	2 3/8	1/2	MN781	
8	2	Plain	1400	2 3/16	1 3/16	MN782	
	2	Roller	1400	2 3/8	1/2	MN783	

ALTHANE™ WHEELS

- Lightweight
- Economical and high in impact strength
- Non-marking, non-chipping, oil and chemical resistant and non-absorbent
- Steam cleanable wheel provides for floor protection
- Temperature: -43°C to 82°C
- Durometer: 65 - 70 D Scale

Excellent for:

- Platform trucks
- Food service equipment
- Hotel equipment
- Small waste bins
- Abusive applications
- Large stock trucks
- Factory use
- Textile carts



Diameter"	Tread Width"	Bearing Type	Cap. lbs.	Hub Length"	Bearing Bore"	Model No.	Price /Each
4	2	Roller	750	2 3/16	1/2	MG528	
5	2	Roller	1000	2 3/16	1/2	MG529	
6	2	Roller	1150	2 3/16	1/2	MG530	
8	2	Roller	1300	2 3/16	1/2	MG531	

MOLD-ON RUBBER WHEELS

- Mold-on rubber is secured to semi-steel core for full floor protection and quiet movement
- High degree of resistance to shock or vibration
- Highly economical rubber tire
- Prolongs equipment life
- Temperature: -43°C to 82°C
- Durometer: 70 - 75 A Scale

Excellent for:

- Platform trucks
- Food service equipment
- Hotel equipment
- Small waste bins
- Abusive applications
- Large stock trucks
- Factory use
- Textile carts



Diameter"	Tread Width"	Bearing Type	Cap. lbs.	Hub Length"	Bearing Bore"	Model No.	Price /Each
4	1 1/2	Roller	280	1 3/4	1/2	MG553	
	2	Roller	370	2 3/16	1/2	MG554	
5	1 1/2	Roller	350	1 3/4	1/2	MG555	
	2	Roller	470	2 3/16	1/2	MG556	
	6	1 1/2	Roller	400	1 3/4	3/4	MH296
1 1/2		Roller	420	1 3/4	1/2	MG557	
2		Roller	560	2 3/16	1/2	MG558	
2 1/2		Roller	620	2 3/4	3/4	MG559	
8	3	Roller	730	3 1/4	3/4	MG560	
	3	Tapered	750	3 1/2	1	MG561	
	2 1/2	Roller	595	2 3/4	3/4	MH297	
		Plain	800	2 3/4	1 15/16	MG563	
Roller		830	2 3/4	3/4	MG562		
3	Roller	900	3 1/4	3/4	MG564		
	Tempered	900	3 1/4	1 3/4	MG565		
	10	2	Roller	950	2 1/4	3/4	MN694
12	2 1/2	Roller	950	2 27/32	1	MN693	

POLYOLEFIN WHEELS

- Lightweight, very economical and high in impact strength
- Non-marking, non-chipping, oil and chemical resistant and non-absorbent
- Steam cleanable wheel provides for floor protection
- Easy to maintain
- Temperature: -43°C to 82°C
- Durometer: 65 - 70 D Scale

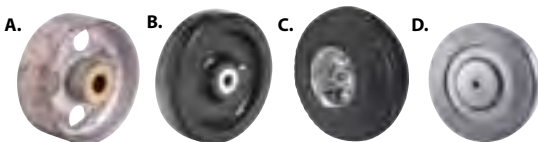
Excellent for:

- Platform trucks
- Factory use



Diameter"	Tread Width"	Bearing Type	Cap. lbs.	Hub Length"	Bearing Bore"	Model No.	Price /Each
2	7/8	Plain	75	1	1/4	MG610	
3	1 1/4	Plain	270	19/16	1 3/16	MC064	
4	1	Plain	150	1 3/8	5/16	MG612	
	1 1/2	Plain	400	1 3/4	1 3/16	MG613	
	2	Roller	450	2 3/16	1/2	MG614	
5	1 1/2	Roller	450	1 3/4	1/2	MG615	
	2	Roller	650	2 3/16	1/2	MG616	
6	1 1/2	Roller	550	1 3/4	1/2	MG617	
	2	Roller	750	2 3/16	1/2	MG618	

WHEELS



	Diameter"	Tread Width"	Bearing Type	Cap. lbs.	Bearing Bore"	Wheel Type	Model No.	Price /Each
A.	5	2	Roller	1500	3/4	Cast Iron	MC298	
B.	8	2	Roller	1000	3/4	Phenolic	MC337	
C.	12	2 1/2	Roller	3000	1	Phenolic	MC340	
B.	10	3	Ball	350	3/4	Pneumatic	ML069	
D.	5	1 1/4	Plain	250	5/16	Hard Rubber	MG552	