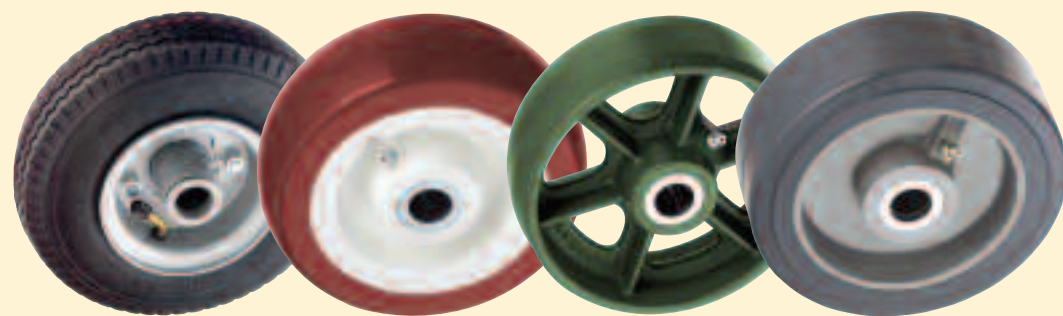


Wheel Selection

A wide range of Payson wheel types and sizes is available to suit every conceivable application and floor condition.

When selecting a caster, always consider the wheel diameter for load weight, floor conditions, floor protection and whether quiet operation is desired.



WHEEL SELECTION — FLOOR CONDITIONS AND SURFACES						
Conditions	METAL WHEELS	HARD WHEELS			RESILIENT WHEELS	
	Payductile Ductile Payron Semi-Steel V-Grooved	Plexite Phenolic Peejay Polyolefin	Payrock Hard Rubber	Durakush Thermo Plastic Rubber	Polyurethane: Paythane Miratek Mirakush	Rubber: Payflex Cushion Bronco Mold-On Broncushion Cushion
Floor Protection	Low	Medium	High	High	Medium	High
Quiet Operation	No	No	Yes	Yes	No	Yes
Rolling Ease	High	High	Medium	Medium	High	Low
Harsh Chemicals	Yes	Yes	No	No	Yes	No
Mild Chemicals (wet)	Yes	Yes	Yes	Yes	Yes	No
Cold Below -20°F	Yes	Yes	Yes	Yes	Yes	No
Heat Above +160°F	Yes	Yes	No	No	No	No
Metal Chips, Large	No	No	Yes	Yes	No	OK
Metal Chips, Small	Yes	OK	Yes	Yes	OK	OK
Surfaces						
Asphalt	No	OK	OK	OK	OK	Good
Brick, Ceramic Tile	No	OK	OK	Good	OK	Good
Concrete	No	Good	Good	Good	Good	Good
Terrazzo	No	No	No	Good	No	Good
Hardwood	No	Good	Good	Good	Good	Good
Steel-Ribbed	No	No	No	No	No	OK
Steel-Smooth	OK	OK	OK	Good	OK	Good
Carpets	No	Good	Good	Good	Good	No
Linoleum, Soft Tiles	No	No	No	Good	No	Good
Wood, Block and Planks	OK	Good	Good	Good	OK	Good

Metal Wheels may harm Concrete Floors. Recommended for High Capacity Usage and/or Extreme Temperature conditions.

BEARING SELECTION					
OILITE	ROLLER	BALL FLANGE	DELTRIN	TIMKEN	BUTT BALL
Oil impregnated. Requires no lubrication or maintenance. Wears indefinitely. Impervious to heat or cold.	Anti-Friction. Hardened and polished steel rollers carry the load over a large surface. For heavy duty applications.	Anti-Friction. At each end of hub, balls run on hardened surfaces. Quiet, smooth. Free-running	Ideal for wet conditions. Will not rust. No maintenance required. Wears indefinitely. Unaffected by cold.	Tapered Roller bearings. Ideally suited for heavy loads, high speed application, and long service life.	Anti-Friction. These ball bearings act as one integral unit. Quiet, smooth running for institutional applications.

Paythane POLYURETHANE MOLD-ON WHEELS

Paythane Wheels have Polyurethane tread bonded to cast iron centers. 12 x 3" wheels have aluminum centers.

Engineering Data:

- High capacities of steel with non-marking qualities of rubber wheels.
- Complete floor protection.
- Outwears rubber five-to-one.
- No compression set.
- Resistant to most oils and chemicals.

Applications:

Virtually all floor surfaces. Exception: Around animal fats and blood, as chemical reaction could cause bond separation.



06200-UL

PAYTHANE POLYURETHANE MOLD-ON WHEELS													
WHEEL		CATALOG NUMBER				Cap. Each lbs.	Approx. Weight lbs.	HUB LENGTH		BORE DIMENSIONS			Used in Caster Series
Diameter inches	Tread Width inches	Roller Bearings	Timken Bearings*	Bored for, but less Roller Bearings	Without Spanner inches			With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches	Bore Variations with Bearing inches	
4	2	04200-UL		04200-XL	800	4½	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8	190, 200, 290
5	2	05200-UL		05200-XL	1000	5	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8	190, 200, 290
6	2	06200-UL		06200-XL	1100	6	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8	190, 200, 290
	2½	06250-UL	06250-TL	06250-XL	1400	8	2¾	2⅞	1⅝	1	¾	7/8	300
	4	06400-UL	06400-TL	06400-XL	5750	18	4¼	4⅝	2⅞	1½	1¼	—	800, 900
8	2	08200-UL		08200-XL	1200	7½	2¼	2⅝	1⅜	¾	½	1, 7/8, 5/8	190, 200, 290
	2½	08250-UL	08250-TL	08250-XL	1600	11	2¾	2⅞	1⅝	1	¾	1¼, 7/8	300
	3	08300-UL	08300-TL	08300-XL	2800	14	3¼	3⅜	1⅝	1	¾	—	400
		08301-UL	08301-TL	08301-XL	2800	14	3¼	3⅜	1⅝	1¼	1	—	500, 600
4	08400-UL	08400-TL	08400-XL	5750	22	4¼	4⅝	2⅞	1½	1¼	—	800, 900	
10	2½	10250-UL	10250-TL	10250-XL	1800	8	2¾	2⅞	1⅝	1	¾	1¼, 7/8	300
	3	10300-UL	10300-TL	10300-XL	3000	10	3¼	3⅜	1⅝	1	¾	—	400
		10301-UL	10301-TL	10301-XL	3000	10	3¼	3⅜	1⅝	1¼	1	—	500, 600
4	10400-UL	10400-TL	10400-XL	5750	30	4¼	4⅝	2⅞	1½	1¼	—	800, 900	
12	3	12300-UL	12300-TL	12300-XL	3000	12	3¼	3⅜	1⅝	1	¾	—	400
		12301-UL	12301-TL	12301-XL	3000	12	3¼	3⅜	1⅝	1¼	1	—	500, 600
	4	12400-UL	12400-TL	12400-XL	5750	36	4¼	4⅝	2⅞	1½	1¼	—	800, 900

*Timken Bearings require no spanner bushing, as they ride on the axle. Accordingly, each Timken Wheel has the same I.D. as its axle diameter listing. For example, the 12301-TL has a 1" I.D. Timken Bearing riding directly on a 1" axle. Bore variations, with Roller Bearings only, must be specified. Spanner bushings must be ordered separately. See parts list page 94.