

30 Series





Swivel & Rigid Top Plate

Capacity to 325 pounds each

FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel rivet, hydraulically upset.

CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number (Example: 5-305-105). **Other finishes available**, see page 13.
- ✓ **PosiLoc® Brake:** all stainless steel construction. To order, add "PL" to end of model number (not available on 2-1/2" wheel models).
 
- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number (not available on 2-1/2" wheel models).
 
- ✓ **Swivel Lock:** Locks caster in trailing position at 180° while wheel spins freely. To order specify "1PSL".
 
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels—consult factory.
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
 
- ✓ **Thread Guards:** See page 94 for thread guard availability.



5-30-213GF PLT2
(shown in photo)



5-31-105C PLT2
(shown in photo)

MOUNTING OPTIONS

Top Plate Sizes (swivel & rigid): to order, add Plate Mounting Code to end of model number (Example: 5-30-105 PLT 1)

Mounting Code	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
PLT 1	2-3/8" x 3-5/8"	1-3/4" x 3"	1/4"
PLT 2	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"
PLT 3	3-1/8" x 4-1/8"	2-3/8" x 3-7/16"	5/16"
PLT 4	4" x 4"	3" x 3"	3/8"
PLT 5	3-3/4" x 4-1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"
PLT 7	3-1/2" x 3-1/2"	2-5/8" x 2-5/8"	9/32"

Note: PLT 4 and PLT 5 rigid casters are two piece welded design. Consult factory.

WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number	Rigid Caster Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 1/4	CUSHION RUBBER	DELRIN	140	2-1/2-30-105	2-1/2-31-105	1-11/16	3 5/8	2 3/4
		HARD RUBBER	DELRIN	210	2-1/2-30-106	2-1/2-31-106	1-11/16		
		POLYOLEFIN	PLAIN	210	2-1/2-30-513	2-1/2-31-513	1-11/16		
3	1 1/4	CUSHION RUBBER	DELRIN	150	3-30-105	3-31-105	1-3/4	4 1/8	3
		CUSHION RUBBER	BALL	150	3-30-152	3-31-152	1-3/4		
		HARD RUBBER	DELRIN	220	3-30-106	3-31-106	1-3/4		
		HARD RUBBER	BALL	220	3-30-162	3-31-162	1-3/4		
		POLYOLEFIN	PLAIN	250	3-30-521	3-31-521	1-3/4		
	PHENOLIC	PLAIN	300	3-30-121	3-31-121	1-3/4			
3 1/2	1 1/4	CUSHION RUBBER	DELRIN	160	3-1/2-30-105	3-1/2-31-105	2	4 5/8	3 1/4
		CUSHION RUBBER W/ SIDE PLATES*	BALL	160	3-1/2-30-452*	3-1/2-31-452*	2		
		WELDED DISC / BLACK RUBBER	BALL	200	3-1/2-30-113	3-1/2-31-113	2-3/16		
		WELDED DISC / GREY RUBBER	BALL	225	3-1/2-30-113G	3-1/2-31-113G	2-3/16		
		ADVANTAGE TPR / ROUND	DELRIN	225	3-1/2-30-314GD	3-1/2-31-314GD	2-3/16		
		ADVANTAGE TPR / ROUND	BALL	225	3-1/2-30-213GD	3-1/2-31-213GD	2-3/16		
		ADVANTAGE HEAT ROUND	S.S. BALL	225	3-1/2-30-213RTR	3-1/2-31-213RTR	2-3/16		
		ADVANTAGE HEAT FLAT	S.S. BALL	225	3-1/2-30-213RTF	3-1/2-31-213RTF	2-3/16		
ADVANTAGE HEALTH	S.S. BALL	225	3-1/2-30-213MF	3-1/2-31-213MF	2-3/16				

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number	Rigid Caster Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3 1/2	1 1/4	HARD RUBBER	DELTRIN	230	3-1/2-30-106	3-1/2-31-106	2	4 5/8	3 1/4
		HARD RUBBER W/ SIDE PLATES*	BALL	230	3-1/2-30-462*	3-1/2-31-462*	2-3/16		
		POLYOLEFIN	PLAIN	250	3-1/2-30-513	3-1/2-31-513	2-3/16		
		HI-TEMP RESIN	PLAIN	250	3-1/2-30-521HTN	3-1/2-31-521HTN	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	250	3-1/2-30-113P	3-1/2-31-113P	2-3/16		
		ADVANTAGE TPR / FLAT	DELTRIN	250	3-1/2-30-314GF	3-1/2-31-314GF	2-3/16		
		ADVANTAGE TPR / FLAT	BALL	250	3-1/2-30-213GF	3-1/2-31-213GF	2-3/16		
		POLYLOC / GREY	BALL	250	3-1/2-30-213G	3-1/2-31-213G	2-3/16		
		POLYLOC / GREY	DELTRIN	250	3-1/2-30-314G	3-1/2-31-314G	2-3/16		
		POLYLOC / BLUE	BALL	250	3-1/2-30-213P	3-1/2-31-213P	2-3/16		
4	1 1/4	CUSHION RUBBER	DELTRIN	170	4-30-105	4-31-105	2-3/8	5 1/8	3 1/2
		CUSHION RUBBER W/ SIDE PLATES*	BALL	170	4-30-452*	4-31-452*	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	200	4-30-113	4-31-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	200	4-30-113G	4-31-113G	2-1/2		
		HARD RUBBER	DELTRIN	250	4-30-106	4-31-106	2-3/8		
		HARD RUBBER W/ SIDE PLATES*	BALL	250	4-30-462*	4-31-462*	2-3/8		
		ADVANTAGE TPR / ROUND	DELTRIN	250	4-30-314GD	4-31-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	250	4-30-213GD	4-31-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	275	4-30-113P	4-31-113P	2-1/2		
		POLYLOC / GREY	BALL	275	4-30-213G	4-31-213G	2-1/2		
		POLYLOC / GREY	DELTRIN	275	4-30-314G	4-31-314G	2-1/2		
		POLYLOC / BLUE	BALL	275	4-30-213P	4-31-213P	2-1/2		
		POLYOLEFIN	PLAIN	275	4-30-513	4-31-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELTRIN	300	4-30-314GF	4-31-314GF	2-1/2		
	ADVANTAGE TPR / FLAT	BALL	300	4-30-213GF	4-31-213GF	2-1/2			
	ADVANTAGE HEAT ROUND	S.S. BALL	300	4-30-213RTR	4-31-213RTR	2-1/2			
	ADVANTAGE HEAT FLAT	S.S. BALL	300	4-30-213RTF	4-31-213RTF	2-1/2			
	ADVANTAGE HEALTH	S.S. BALL	300	4-30-213MF	4-31-213MF	2-1/2			
	1 1/2	PHENOLIC	PLAIN	300	4-30-121	4-31-121	2-1/2		
	HI-TEMP RESIN	PLAIN	300	4-30-521HT	4-31-521HT	2-1/2			
5	1 1/4	CUSHION RUBBER	DELTRIN	200	5-30-105	5-31-105	2-3/4	6 1/4	4
		CONDUCTIVE CUSHION RUBBER	SINTERED	200	5-30-105C	5-31-105C	2-3/4		
		CUSHION RUBBER	BALL	200	5-30-152	5-31-152	2-3/4		
		CUSHION RUBBER W/ SIDE PLATES*	BALL	200	5-30-452*	5-31-452*	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	200	5-30-113	5-31-113	3		
		WELDED DISC / GREY RUBBER	BALL	200	5-30-113G	5-31-113G	3		
		ADVANTAGE TPR / ROUND	DELTRIN	250	5-30-314GD	5-31-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-30-213GD	5-31-213GD	3		
		HARD RUBBER	DELTRIN	280	5-30-106	5-31-106	2-3/4		
		HARD RUBBER	BALL	280	5-30-162	5-31-162	2-3/4		
		HARD RUBBER W/ SIDE PLATES*	BALL	280	5-30-462*	5-31-462*	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	300	5-30-113P	5-31-113P	3		
		POLYLOC / GREY	BALL	300	5-30-213G	5-31-213G	3		
		POLYLOC / GREY	DELTRIN	300	5-30-314G	5-31-314G	3		
		POLYLOC / BLUE	BALL	300	5-30-213P	5-31-213P	3		
		POLYOLEFIN	PLAIN	300	5-30-513	5-31-513	3		
		POLYOLEFIN	BALL	300	5-30-514	5-31-514	3		
		ADVANTAGE HEAT ROUND	S.S. BALL	300	5-30-213RTR	5-31-213RTR	3		
	ADVANTAGE HEAT FLAT	S.S. BALL	300	5-30-213RTF	5-31-213RTF	3			
	ADVANTAGE HEALTH	S.S. BALL	300	5-30-213MF	5-31-213MF	3			
	1 1/2	PHENOLIC	PLAIN	300	5-30-121	5-31-121	3		
	HI-TEMP RESIN	PLAIN	325	5-30-521NHT	5-31-521NHT	3			
6	1 1/4	CUSHION RUBBER	DELTRIN	220	6-30-105	6-31-105	3-1/8	7 1/4	4 1/2
		CONDUCTIVE CUSHION RUBBER	SINTERED	220	6-30-105C	6-31-105C	3-1/8		
		WELDED DISC / BLACK RUBBER	BALL	250	6-30-113	6-31-113	3-3/4		
		WELDED DISC / GREY RUBBER	BALL	250	6-30-113G	6-31-113G	3-3/4		
		HARD RUBBER	DELTRIN	300	6-30-106	6-31-106	3-1/8		
		HARD RUBBER	BALL	300	6-30-162	6-31-162	3-1/8		
		WELDED DISC / POLYURETHANE	BALL	300	6-30-113P	6-31-113P	3-3/4		
		ADVANTAGE TPR / ROUND	DELTRIN	300	6-30-314GD	6-31-314GD	3-3/4		
		ADVANTAGE TPR / ROUND	BALL	300	6-30-213GD	6-31-213GD	3-3/4		
		POLYLOC / GREY	BALL	300	6-30-213G	6-31-213G	3-3/4		
		POLYLOC / GREY	DELTRIN	300	6-30-314G	6-31-314G	3-3/4		
		POLYLOC / BLUE	BALL	300	6-30-213P	6-31-213P	3-3/4		
		ADVANTAGE HEAT ROUND	S.S. BALL	325	6-30-213RTR	6-31-213RTR	3-3/4		
		ADVANTAGE HEAT FLAT	S.S. BALL	325	6-30-213RTF	6-31-213RTF	3-3/4		
	ADVANTAGE HEALTH	S.S. BALL	325	6-30-213MF	6-31-213MF	3-3/4			
	1 1/2	PHENOLIC	PLAIN	300	6-30-121	6-31-121	3-3/4		
	POLYOLEFIN	PLAIN	300	6-30-521	6-31-521	3-3/4			

Wheel Selection Guide

Wheel Type	Capacity Range Per Wheel	Temperature Range	Hardness	Page Number
CUSHION / SOLID RUBBER	Up to 260 lbs.	-30° to +160° F	75 (±) 5 (A)	74-75
HARD / SOLID RUBBER	Up to 400 lbs.	-30° to +160° F	75 (±) 5 (D)	75
WELDED DISC / RUBBER	Up to 250 lbs.	-40° to +160° F	75 (±) 5 (A)	76
WELDED DISC / POLYURETHANE	Up to 300 lbs.	-40° to +180° F	95 (±) 5 (A)	76
ADVANTAGE TPR (INCLUDING HEAT / HEALTH)	Up to 675 lbs.	-40° to +180° F	65 (±) 5 (A)	77-79
HIGH MODULUS RUBBER	Up to 550 lbs.	-40° to +160° F	65 (±) 5 (A)	81
FULL PNEUMATIC RUBBER	Up to 470 lbs.	-20° to +160° F	-----	81
POLYOLEFIN	Up to 900 lbs.	-20° to +180° F	65 (±) 5 (D)	82
TRITON	Up to 1,500 lbs.	-20° to +180° F	65 (±) 5 (D)	83
HI-TEMP RESIN	Up to 600 lbs.	-20° to +475° F	75 (±) 5 (D)	83
MAGNUM POLYURETHANE	Up to 1200 lbs.	-40° to +180° F	Choices	84
POLYLOC GREY OR BLUE POLYURETHANE	Up to 1,000 lbs.	-30° to +180° F	95 (±) 5 (A)	85-86
SOLID ELASTOMER	Up to 1,250 lbs.	-40° to +230° F	73 (±) 5 (D)	88
MOLDON RUBBER / ALUMINUM CORE	Up to 500 lbs.	-40° to +160° F	75 (±) 5 (A)	80
MOLDON POLYURETHANE / ALUMINUM CORE	Up to 1,200 lbs.	-40° to +160° F	55 (±) 5 (D)	87
MOLDON RUBBER / CAST IRON CORE	Up to 500 lbs.	-40° to +160° F	75 (±) 5 (A)	80
MOLDON POLYURETHANE / CAST IRON CORE	Up to 1,500 lbs.	-30° to +180° F	55 (±) 5 (D)	87
PHENOLIC	Up to 1,400 lbs.	-45° to +250° F	90(±) 5 (D)	89
CAST IRON	Up to 1,500 lbs.	-45° to +250° F	-----	90
DUCTILE	Up to 3,800 lbs.	-45° to +250° F	-----	90
V-GROOVE	Up to 1,000 lbs.	-45° to +250° F	-----	90

Floor Surfaces

Wheel Type	Carpet	Brick	Concrete	Linoleum	Asphalt	Terrazzo	Wood	Smooth Steel	Ribbed Steel	Tile
CUSHION / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HARD / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ADVANTAGE TPR (INCLUDING HEAT / HEALTH)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HIGH MODULUS RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FULL PNEUMATIC RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYOLEFIN / TRITON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HI-TEMP RESIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYLOC AND MAGNUM POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SOLID ELASTOMER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CAST IRON / DUCTILE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V-GROOVE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Operating Conditions

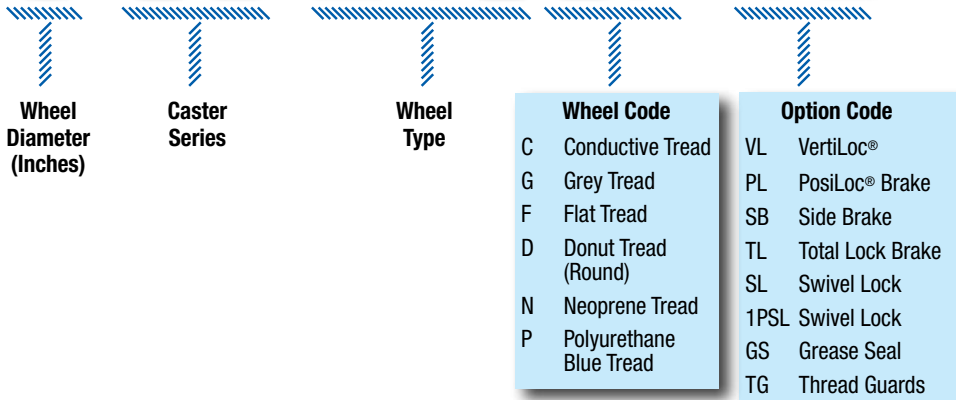
Wheel Type	Water	Steam	Mild Chemicals	Oil/Grease	Metal Chips	High Heat > +250°F	Extreme Cold -20°F	Animal Fats	Noise Reduction	Floor Protection	Shock Absorption
CUSHION / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HARD / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ADVANTAGE TPR (INCLUDING HEAT / HEALTH)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HIGH MODULUS RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FULL PNEUMATIC RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYOLEFIN / TRITON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HI-TEMP RESIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYLOC AND MAGNUM POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SOLID ELASTOMER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PHENOLIC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CAST IRON / DUCTILE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V-GROOVE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Model Numbers

Casters

Below model is a 5" wheel diameter 30 Series swivel caster with Flat Tread Advantage wheel with VertiLoc® brake.

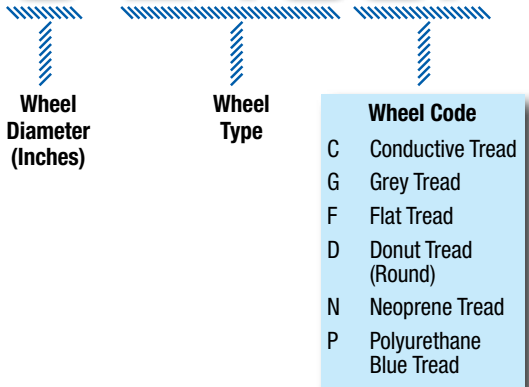
5-30-213GF VL



Wheels

Below model is a 5" wheel diameter Flat Tread Advantage wheel with ball bearing.

5-213GF



Forks

Below model is a 5" diameter 30 Series swivel fork.

5-30-000-PLT 2

