

**500-8UL**

- 8" swivel
- Anti-friction roller bearing
- Paythane polyurethane on cast iron center



**501-8UV**

- 8" rigid
- Anti-friction roller bearing
- Bronco rubber on aluminum core

# 500/501 HEAVY DUTY

The massive 500 represents a breakthrough in cold-forged caster construction. Alone in its field, it has been designed to improve strength, precision, and durability, and offers quality not available in any other method of manufacturing. Pound for pound, the best caster ever developed.

**Applications:**

For continuous and punishing service on heavy duty equipment with capacities up to 10,000 lbs. Well suited for the heaviest possible manually operated loads, severe shock conditions, and power-driven equipment.

**Engineering Data:**

- 1/2" coined embossed cold-forged top plate.
- 1" king bolt welded in place.
- 1/2" balls in 4" diameter load bearing raceway.
- 3/8" balls absorb component thrust in 2 5/8" forged raceway.
- Embossed 3/8" legs welded to yoke base.

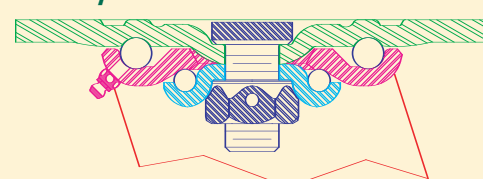
**Standard Features/Components:**

- Zinc plated finish.
- 1" axle.
- 1 1/4 x 1 x 3 3/8" hardened spanners.
- Grease fittings in swivel and wheel.

**Companion 501 Rigid:**

3/8" embossed legs welded to a 1/2" top plate.

**Raceway Construction:**



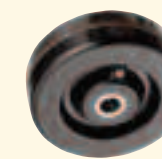
*Wheels & Optional Extras:*



**Payron Semi-Steel**  
high tensile sintered iron



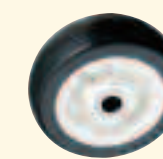
**Payductile Steel**  
cast high tensile ductile iron



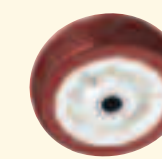
**Plexite Phenolic**  
macerated canvas



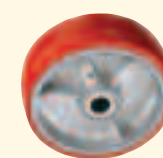
**V-groove**  
machine grooved steel



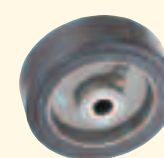
**Mirakush**  
85 duro. gray polyurethane



**Miratek**  
95 duro. red polyurethane



**Paythane**  
polyurethane bonded to a metal center



**Bronco Mold-On**  
rubber bonded to aluminum center



**WS Wheel Seals**  
locks out foreign matter



**WB Brake**  
shoe locks wheel



**SL 4-Position Swivel Lock**  
plunger engages at 90° angles

**500 SWIVEL & 501 RIGID SPECIFICATIONS**

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Roller Bearings	Swivel Timken Bearings	Rigid Plain, Roller Bearings	Rigid Timken Bearings				
6	3	Payron	2500	500-6US	500-6TS	501-6US	501-6TS	30 1/2	5 1/4	8 1/4	Width by Length: 5 1/2 x 7 1/2
		Payductile	3000	500-6UD	500-6TD	501-6UD	501-6TD	34 1/2			
		Plexite	2200	500-6UM	500-6TM	501-6UM	501-6TM	21			
		Mirakush	1200	500-6UK	500-6TK	501-6UK	501-6TK				
		Miratek	2100	500-6UT	500-6TT	501-6UT	501-6TT				
8	3	Payron	2500	500-8US	500-8TS	501-8US	501-8TS	33	6 1/2	10 1/4	
		Payductile	3000	500-8UD	500-8TD	501-8UD	501-8TD	35 1/2			
		Bronco	840	500-8UV	500-8TV	501-8UV	501-8TV				
		Paythane	2500	500-8UL	500-8TL	501-8UL	501-8TL	23 1/2			
		Plexite	2500	500-8UM	500-8TM	501-8UM	501-8TM				
		Mirakush	1300	500-8UK	500-8TK	501-8UK	501-8TK				
	Miratek	2400	500-8UT	500-8TT	501-8UT	501-8TT					
	2 1/2	V-Groove	3000	500-8UDG	500-8TDG	501-8USG	501-8TDG	26			
10	3	Payron	2700	500-10US	500-10TS	501-10US	501-10TS	37	7 3/8	12 1/4	
		Payductile	3100	500-10UD	500-10TD	501-10UD	501-10TD	45			
		Bronco	1000	500-10UV	500-10TV	501-10UV	501-10TV				
		Paythane	2700	500-10UL	500-10TL	501-10UL	501-10TL	30			
		Plexite	2700	500-10UM	500-10TM	501-10UM	501-10TM				
		Mirakush	1600	500-10UK	500-10TK	501-10UK	501-10TK				
		Miratek	2500	500-10UT	500-10TT	501-10UT	501-10TT				
12	3	Payron	2900	500-12US	500-12TS	501-12US	501-12TS	43	8 3/4	14 1/2	
		Bronco	1140	500-12UV	500-12TV	501-12UV	501-12TV				
		Paythane	3000	500-12UL	500-12TL	501-12UL	501-12TL	32			
		Plexite	2900	500-12UM	500-12TM	501-12UM	501-12TM				
		Mirakush	1800	500-12UK	500-12TK	501-12UK	501-12TK				
		Miratek	2500	500-12UT	500-12TT	501-12UT	501-12TT				

• Weights shown represent swivels; Rigid casters weigh approximately 15% less.

Red = P.D.Q. (2 days or less)