

# DUAL WHEEL SERIES

**20,000** LBS maximum capacity

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Item Shown: 92-10309-68-1HDLSSW

## FEATURES

Dual wheel casters are designed for heavy duty, extra heavy duty and super duty applications. Constructed of our popular hot forged C-1045 steel swivel sections, these dual wheel casters offer the highest possible capacity at the lowest overall height. The casters feature legs that are welded to a unique skirt design for greater strength and longevity.

## BENEFITS

The large footprint for a greater distribution of load on the floor. Additionally, the larger casters have a vertical center leg to further enhance the load distribution. Less effort is needed when changing direction as the design allows the wheels to rotate at variable rates to compensate for the shorter radius in the arc.

## OPTIONS

### Brakes:

Poly Lock: ..... P  
Face Contact: ..... F  
Double Side: ..... DS

### Swivel Locks:

Factory Installed: ..... L  
Heavy Duty: ..... HDL  
Demountable: ..... DL  
Heavy Duty Demountable: ..... DHDL

Sealed Swivel: ..... SSW

Toe Guard: ..... TG

## APPLICATIONS

Excellent for tow lines, industrial platform trucks, rugged industrial functions and other severe abuse applications.

WHEEL			CAPACITY				PART NUMBER				
Dia.	Width	Material	Roller	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Series	Swivel Radius	Wt.
4	1.50	Phenolic Resin	1,200		5.62	1.50	52-04101-30-1		50	3.89	9.50
4	1.50	Standard Polyurethane	1,350		5.62	1.50	52-04101-60-1		50	3.89	11.00
5	1.50	Phenolic Resin	1,200		6.50	1.75	52-05101-30-1		50	4.57	10.50
5	1.50	Standard Polyurethane	1,400		6.50	1.75	52-05101-60-1		50	4.57	11.50
6	2.00	Cast Iron	1,500		7.50	2.25	52-06201-10-1		50	5.75	21.00
6	2.00	Forged Steel	1,500		7.50	2.25	52-06201-20-1		50	5.75	20.00
6	2.00	Phenolic Resin	1,500		7.50	2.25	52-06201-30-1		50	5.75	13.00
6	2.00	Standard Polyurethane	1,500		7.50	2.25	52-06201-60-1		50	5.75	18.00
6	2.00	Mold On Rubber	820		7.50	2.25	52-06201-70-1		50	5.75	12.50
3	1.50	Standard Polyurethane	900		5.25	1.50	62-03101-60-1		60	3.44	9.00
4	1.50	Phenolic Resin	1,200		5.62	1.50	62-04101-30-1		60	3.89	9.50
4	1.50	Standard Polyurethane	1,350		5.62	1.50	62-04101-60-1		60	3.89	11.00
5	1.50	Phenolic Resin	1,200		6.50	1.75	62-05101-30-1		60	4.57	10.50
5	1.50	Standard Polyurethane	1,400		6.50	1.75	62-05101-60-1		60	4.57	11.50
4	1.50	Forged Steel	2,000		5.50	2.25	66-04101-20-1		65	4.57	14.00
4	2.00	Phenolic Resin	1,600		5.50	2.25	66-04201-30-1		65	4.85	11.00
4	2.00	Standard Polyurethane	1,500		5.50	2.25	66-04201-60-1		65	4.85	12.00
5	2.00	Forged Steel	2,000		6.50	2.25	66-05201-20-1		65	5.30	17.00
5	2.00	Phenolic Resin	2,000		6.50	2.25	66-05201-30-1		65	5.30	11.50
5	2.00	Standard Polyurethane	2,000		6.50	2.25	66-05201-60-1		65	5.30	15.00
6	2.00	Cast Iron	2,000		7.50	2.25	66-06201-10-1		65	5.75	21.00
6	2.00	Forged Steel	2,000		7.50	2.25	66-06201-20-1		65	5.75	20.00
6	2.00	Phenolic Resin	2,000		7.50	2.25	66-06201-30-1		65	5.75	13.00
6	2.00	Standard Polyurethane	2,000		7.50	2.25	66-06201-60-1		65	5.75	18.00
6	2.00	Mold on Rubber	820		7.50	2.25	66-06201-70-1		65	5.75	12.50
8	2.00	Cast Iron	2,000		10.12	2.25	66-08201-10-1		65	6.68	26.00
8	2.00	Phenolic Resin	2,000		10.12	2.25	66-08201-30-1		65	6.68	18.00
8	2.00	Standard Polyurethane	2,000		10.12	2.25	66-08201-60-1		65	6.68	25.00
8	2.00	Mold On Rubber	1,000		10.12	2.25	66-08201-70-1		65	6.68	35.00
6	2.50	Mold On Rubber	1,080	1,080	8.00	2.25	72-06251-70-1	72-06259-70-1	70	6.16	37.00
6	2.50	Standard Polyurethane	3,500	3,500	8.00	2.25	72-06251-60-1	72-06259-60-1	70	6.16	40.00
6	2.50	Phenolic Resin	3,500		8.00	2.25	72-06251-30-1	72-06259-30-1	70	6.16	26.00
6	2.50	Cast Iron	3,500	3,500	8.00	2.25	72-06251-10-1	72-06259-10-1	70	6.16	37.00
8	2.50	Mold On Rubber	1,340	1,340	10.50	2.50	72-08251-70-1	72-08259-70-1	70	7.25	38.00
8	2.50	Standard Polyurethane	3,500	3,500	10.50	2.50	72-08251-60-1	72-08259-60-1	70	7.25	40.00
8	2.50	Phenolic Resin	3,500		10.50	2.50	72-08251-30-1	72-08259-30-1	70	7.25	30.00
10	2.50	Mold On Rubber	1,550	1,550	12.50	2.50	72-10251-70-1	72-10259-70-1	70	8.16	42.00
10	2.50	Standard Polyurethane	3,500	3,500	12.50	2.50	72-10251-60-1	72-10259-60-1	70	8.16	52.00
10	2.50	Phenolic Resin	3,500	3,500	12.50	2.50	72-10251-30-1	72-10259-30-1	70	8.16	35.00
12	2.50	Mold On Rubber	1,800	1,800	14.00	2.50	72-12251-70-1	72-12259-70-1	70	9.09	51.00
12	2.50	Standard Polyurethane	3,500	3,500	14.00	2.50	72-12251-60-1	72-12259-60-1	70	9.09	58.00
12	2.50	Phenolic Resin	3,500	3,500	14.00	2.50	72-12251-30-1	72-12259-30-1	70	9.09	43.00



WHEEL			CAPACITY				PART NUMBER				
Dia.	Width	Material	Roller	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Series	Swivel Radius	Wt.
6	3.00	Standard Polyurethane	4,100	4,100	9.00	2.50	82-06301-60-1	82-06309-60-1	80	6.54	44.00
6	3.00	Phenolic Resin	4,000	4,000	9.00	2.50	82-06301-30-1	82-06309-30-1	80	6.54	39.00
6	3.00	Forged Steel	5,000	5,000	9.00	2.50	82-06301-20-1	82-06309-20-1	80	6.54	65.00
8	3.00	Standard Polyurethane	5,000	5,000	11.00	2.50	82-08301-60-1	82-08309-60-1	80	7.40	50.00
8	3.00	Phenolic Resin	5,000	5,000	11.00	2.50	82-08301-30-1	82-08309-30-1	80	7.40	40.00
8	3.00	Forged Steel	5,000	5,000	11.00	2.50	82-08301-20-1	82-08309-20-1	80	7.40	62.00
8	3.00	Cast Iron	5,000	5,000	11.00	2.50	82-08301-10-1	82-08309-10-1	80	7.40	62.00
10	3.00	Standard Polyurethane	6,000	6,000	13.00	2.50	86-10301-60-1	86-10309-60-1	85	8.29	58.00
10	3.00	Phenolic Resin	5,800	5,800	13.00	2.50	86-10301-30-1	86-10309-30-1	85	8.29	45.00
10	3.00	H.D. Forged Steel	10,000	10,000	13.00	2.50	86-10301-21-1	86-10309-21-1	85	8.29	81.00
10	3.00	Cast Iron	6,000	6,000	13.00	2.50	86-10301-10-1	86-10309-10-1	85	8.29	71.00
6	3.00	Forged Steel	11,000	17,000	9.00	2.50	96-06301-20-1	96-06309-20-1	95	6.54	85.00
6	5.00	H.D. Standard Polyurethane		7,400	9.00	2.50		96-06509-65-1	95	7.80	90.00
8	3.00	H.D. Standard Polyurethane		6,200	11.00	2.50		96-08309-65-1	95	7.40	75.00
8	4.00	Standard Polyurethane	7,600	7,600	11.00	2.50	96-08401-60-1	96-08409-60-1	95	7.92	75.00
8	4.00	H.D. Forged Steel		17,000	11.00	2.50		96-08409-21-1	95	7.92	112.00
10	3.00	H.D. Standard Polyurethane	7,400	7,400	13.00	2.50	96-10301-65-1	96-10309-65-1	95	8.29	88.00
10	3.00	Laminated Phenolic	6,000	6,000	13.00	2.50	96-10301-35-1	96-10309-35-1	95	8.29	67.00
10	3.00	H.D. Forged Steel	12,000	13,000	13.00	2.50	96-10301-21-1	96-10309-21-1	95	8.29	123.00
10	4.00	H.D. Forged Steel		17,000	13.00	2.50		96-10409-21-1	95	8.76	140.00
10	4.00	H.D. Standard Polyurethane	10,000	10,000	13.00	2.50	96-10401-65-1	96-10409-65-1	95	8.76	103.00
10	4.00	Standard Polyurethane	8,400	8,400	13.00	2.50	96-10401-60-1	96-10409-60-1	95	8.76	90.00
10	5.00	H.D. Standard Polyurethane	12,000	12,000	13.00	2.50	96-10501-65-1	96-10509-65-1	95	9.32	103.00
12	3.00	H.D. Standard Polyurethane	7,700	7,700	15.50	2.50	96-12301-65-1	96-12309-65-1	95	9.20	108.00
12	3.50	Laminated Phenolic	8,500	8,500	15.50	2.50	96-12351-35-1	96-12359-35-1	95	9.52	97.00
12	4.00	H.D. Standard Polyurethane	11,000	11,000	15.50	2.50	96-12401-65-1	96-12409-65-1	95	9.52	120.00
12	4.00	H.D. Hard Polyurethane (70D)	13,000	13,000	15.50	2.50	96-12401-67-1	96-12409-67-1	95	9.52	100.00
12	5.00	H.D. Standard Polyurethane	12,500	12,500	15.50	2.50	96-12501-65-1	96-12509-65-1	95	10.14	150.00
12	5.00	H.D. Hard Polyurethane (70D)	15,000	15,000	15.50	2.50	96-12501-67-1	96-12509-67-1	95	10.14	130.00
16	5.00	H.D. Standard Polyurethane	16,000	16,000	19.00	4.00		96-16509-65-1	95	13.21	200.00
16	5.00	H.D. Hard Polyurethane (70D)	16,000	16,000	19.00	4.00		96-16509-67-1	95	13.21	200.00
18	5.00	H.D. Standard Polyurethane	17,000	17,000	23.00	4.00		96-18509-65-1	95	14.13	220.00
18	5.00	H.D. Hard Polyurethane (70D)	17,000	17,000	23.00	4.00		96-18509-67-1	95	14.13	220.00

Capacity listed is for manual operation. For powered operations, consult factory.

Part Numbers listed are for the swivel casters. For rigid casters, change the last digit from 1 to 2 (i.e. 96-10509-65-2)

See series codes for top plate and bolt hole dimensions.

All dimensions are in inches. All weights are in pounds.



WHEEL			CAPACITY				PART NUMBER				
Dia.	Width	Material	Roller	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Swivel Radius	Series	Wt.
4	1.50	Phenolic Resin	1,200		5.63	2.25	<a href="#">2-51-04101-30-1</a>		4.57	51	9.50
4	1.50	Standard Polyurethane	1,350		5.63	2.25	<a href="#">2-51-04101-60-1</a>		4.57	51	11.00
5	1.50	Phenolic Resin	1,200		6.50	2.25	<a href="#">2-51-05101-30-1</a>		5.04	51	10.50
5	1.50	Standard Polyurethane	1,400		6.50	2.25	<a href="#">2-51-05101-60-1</a>		5.04	51	11.50
6	2.00	Cast Iron	1,500		7.50	2.50	<a href="#">2-51-06201-10-1</a>		5.97	51	21.00
6	2.00	Forged Steel	1,500		7.50	2.50	<a href="#">2-51-06201-20-1</a>		5.97	51	20.00
6	2.00	Phenolic Resin	1,500		7.50	2.50	<a href="#">2-51-06201-30-1</a>		5.97	51	13.00
6	2.00	Polyurethane	1,500		7.50	2.50	<a href="#">2-51-06201-60-1</a>		5.97	51	18.00
6	2.00	Mold On Rubber	820		7.50	2.50	<a href="#">2-51-06201-70-1</a>		5.97	51	12.50
3	1.50	Standard Polyurethane	900		5.25	1.50	<a href="#">2-61-03101-60-1</a>		3.44	61	9.00
4	1.50	Phenolic Resin	1,200		5.63	1.50	<a href="#">2-61-04101-30-1</a>		3.88	61	9.50
4	1.50	Standard Polyurethane	1,350		5.63	1.50	<a href="#">2-61-04101-60-1</a>		3.88	61	11.00
4	2.00	Phenolic Resin	1,600		5.88	2.25	<a href="#">2-61-04201-30-1</a>		4.85	61	11.00
4	2.00	Standard Polyurethane	1,500		5.88	2.25	<a href="#">2-61-04201-60-1</a>		4.85	61	12.00
5	1.50	Phenolic Resin	1,200		6.50	1.75	<a href="#">2-61-05101-30-1</a>		4.57	61	10.50
5	1.50	Standard Polyurethane	1,400		6.50	1.75	<a href="#">2-61-05101-60-1</a>		4.57	61	11.50
5	2.00	Forged Steel	3,000		6.88	2.25	<a href="#">2-61-05201-20-1</a>		5.29	61	17.00
5	2.00	Phenolic Resin	2,000		6.88	2.25	<a href="#">2-61-05201-30-1</a>		5.29	61	11.50
5	2.00	Standard Polyurethane	2,100		6.88	2.25	<a href="#">2-61-05201-60-1</a>		5.29	61	15.00
5	2.00	Mold On Rubber	800		6.88	2.25	<a href="#">2-61-05201-70-1</a>		5.29	61	12.50
6	2.00	Cast Iron	2,600		7.88	2.25	<a href="#">2-61-06201-10-1</a>		5.74	61	21.00
6	2.00	Forged Steel	3,000		7.88	2.25	<a href="#">2-61-06201-20-1</a>		5.74	61	20.00
6	2.00	Phenolic Resin	2,400		7.88	2.25	<a href="#">2-61-06201-30-1</a>		5.74	61	13.00
6	2.00	Standard Polyurethane	2,400		7.88	2.25	<a href="#">2-61-06201-60-1</a>		5.74	61	18.00
6	2.00	Mold On Rubber	850		7.88	2.25	<a href="#">2-61-06201-70-1</a>		5.74	61	12.50
8	2.00	Cast Iron	3,000		10.13	2.25	<a href="#">2-61-08201-10-1</a>		6.67	61	26.00
8	2.00	Phenolic Resin	2,800		10.13	2.25	<a href="#">2-61-08201-30-1</a>		6.67	61	18.00
8	2.00	Standard Polyurethane	3,100		10.13	2.25	<a href="#">2-61-08201-60-1</a>		6.67	61	25.00
8	2.00	Mold On Rubber	1,000		10.13	2.25	<a href="#">2-61-08201-70-1</a>		6.67	61	35.00
6	3.00	Mold On Rubber	1,400	1,400	8.00	2.25	<a href="#">2-71-06301-70-1</a>	<a href="#">2-71-06309-70-1</a>	6.29	71	37.00
6	3.00	Standard Polyurethane	4,100	4,100	8.00	2.25	<a href="#">2-71-06301-60-1</a>	<a href="#">2-71-06309-60-1</a>	6.29	71	40.00
6	3.00	Phenolic Resin	4,000		8.00	2.25	<a href="#">2-71-06301-30-1</a>		6.29	71	26.00
6	3.00	Cast Iron	4,500	4,500	8.00	2.25	<a href="#">2-71-06301-10-1</a>	<a href="#">2-71-06309-10-1</a>	6.29	71	37.00
8	3.00	Mold On Rubber	1,700	1,700	10.50	2.50	<a href="#">2-71-08301-70-1</a>	<a href="#">2-71-08309-70-1</a>	7.36	71	38.00
8	3.00	Standard Polyurethane	4,500	4,500	10.50	2.50	<a href="#">2-71-08301-60-1</a>	<a href="#">2-71-08309-60-1</a>	7.36	71	40.00
8	3.00	Phenolic Resin	4,500		10.50	2.50	<a href="#">2-71-08301-30-1</a>		7.36	71	30.00
10	3.00	Mold On Rubber	2,000	2,000	12.50	2.50	<a href="#">2-71-10301-70-1</a>	<a href="#">2-71-10309-70-1</a>	8.26	71	42.00
10	3.00	Standard Polyurethane	4,500	4,500	12.50	2.50	<a href="#">2-71-10301-60-1</a>	<a href="#">2-71-10309-60-1</a>	8.26	71	52.00
10	3.00	Phenolic Resin	4,500	4,500	12.50	2.50	<a href="#">2-71-10301-30-1</a>	<a href="#">2-71-10309-30-1</a>	8.26	71	35.00
12	3.00	Mold On Rubber	2,250	2,250	14.00	2.50	<a href="#">2-71-12301-70-1</a>	<a href="#">2-71-12309-70-1</a>	9.18	71	51.00
12	3.00	Standard Polyurethane	4,500	4,500	14.00	2.50	<a href="#">2-71-12301-60-1</a>	<a href="#">2-71-12309-60-1</a>	9.18	71	58.00
12	3.00	Phenolic Resin	4,500	4,500	14.00	2.50	<a href="#">2-71-12301-30-1</a>	<a href="#">2-71-12309-30-1</a>	9.18	71	43.00



WHEEL			CAPACITY				PART NUMBER				
Dia.	Width	Material	Roller	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Swivel Radius	Series	Wt.
6	3.00	Standard Polyurethane	4,100	4,100	9.00	2.50	<a href="#">2-81-06301-60-1</a>	2-81-06309-60-1	6.53	81	44.00
6	3.00	Phenolic Resin	4,000	4,000	9.00	2.50	<a href="#">2-81-06301-30-1</a>	2-81-06309-30-1	6.53	81	39.00
6	3.00	Forged Steel	10,000	10,000	9.00	2.50	<a href="#">2-81-06301-20-1</a>	2-81-06309-20-1	6.53	81	65.00
8	3.00	Standard Polyurethane	5,000	5,000	11.00	2.50	<a href="#">2-81-08301-60-1</a>	2-81-08309-60-1	7.39	81	50.00
8	3.00	Phenolic Resin	5,000	5,000	11.00	2.50	<a href="#">2-81-08301-30-1</a>	2-81-08309-30-1	7.39	81	40.00
8	3.00	Forged Steel	9,000	9,000	11.00	2.50	<a href="#">2-81-08301-20-1</a>	2-81-08309-20-1	7.39	81	62.00
8	3.00	Cast Iron	7,000	7,000	11.00	2.50	<a href="#">2-81-08301-10-1</a>	2-81-08309-10-1	7.39	81	62.00
10	3.00	Standard Polyurethane	6,000	6,000	13.00	2.50	<a href="#">2-81-10301-60-1</a>	2-81-10309-60-1	8.28	81	58.00
10	3.00	Phenolic Resin	5,800	5,800	13.00	2.50	<a href="#">2-81-10301-30-1</a>	2-81-10309-30-1	8.28	81	45.00
10	3.00	H.D. Forged Steel	10,000	10,000	13.00	2.50	<a href="#">2-81-10301-21-1</a>	2-81-10309-21-1	8.28	81	81.00
10	3.00	Cast Iron	7,000	7,000	13.00	2.50	<a href="#">2-81-10301-10-1</a>	2-81-10309-10-1	8.28	81	71.00
6	3.00	Forged Steel	12,000	12,000	9.50	2.50	<a href="#">2-91-06301-20-1</a>	2-91-06309-20-1	6.53	91	85.00
6	5.00	H.D. Standard Polyurethane		7,400	9.75	2.50		2-91-06509-65-1	7.80	91	90.00
8	3.00	H.D. Standard Polyurethane		6,200	11.50	2.50		2-91-08309-65-1	7.39	91	75.00
8	4.00	Standard Polyurethane	7,600	7,600	11.50	2.50	<a href="#">2-91-08401-60-1</a>	2-91-08409-60-1	7.92	91	75.00
8	4.00	H.D. Forged Steel		20,000	11.50	2.50		2-91-08409-21-1	7.92	91	112.00
10	3.00	H.D. Standard Polyurethane	7,400	7,400	13.50	2.50	<a href="#">2-91-10301-65-1</a>	2-91-10309-65-1	8.28	91	88.00
10	3.00	Laminated Phenolic	6,800	6,800	13.50	2.50	<a href="#">2-91-10301-35-1</a>	2-91-10309-35-1	8.28	91	67.00
10	3.00	H.D. Forged Steel	12,000	12,000	13.50	2.50	<a href="#">2-91-10301-21-1</a>	2-91-10309-21-1	8.28	91	123.00
10	4.00	H.D. Forged Steel		20,000	13.50	2.50		2-91-10409-21-1	8.76	91	140.00
10	4.00	H.D. Standard Polyurethane	10,000	10,000	13.50	2.50	<a href="#">2-91-10401-65-1</a>	2-91-10409-65-1	8.76	91	103.00
10	4.00	Standard Polyurethane	8,400	8,400	13.50	2.50	<a href="#">2-91-10401-60-1</a>	2-91-10409-60-1	8.76	91	90.00
10	5.00	H.D. Standard Polyurethane	12,000	12,000	13.75	2.50	<a href="#">2-91-10501-65-1</a>	2-91-10509-65-1	9.31	91	103.00
12	3.00	H.D. Standard Polyurethane	7,700	7,700	15.50	2.50	<a href="#">2-91-12301-65-1</a>	2-91-12309-65-1	9.20	91	108.00
12	3.50	Laminated Phenolic	8,500	8,500	15.50	2.50	<a href="#">2-91-12351-35-1</a>	2-91-12359-35-1	9.51	91	97.00
12	4.00	H.D. Standard Polyurethane	11,000	11,000	15.50	2.50	<a href="#">2-91-12401-65-1</a>	2-91-12409-65-1	9.63	91	120.00
12	4.00	H.D. Hard Polyurethane (70D)	13,000	13,000	15.50	2.50	<a href="#">2-91-12401-67-1</a>	2-91-12409-67-1	10.14	91	120.00
12	5.00	H.D. Standard Polyurethane	12,500	12,500	15.75	2.50	<a href="#">2-91-12501-65-1</a>	2-91-12509-65-1	10.14	91	150.00
12	5.00	H.D. Hard Polyurethane (70D)	15,000	15,000	15.75	2.50	<a href="#">2-91-12501-67-1</a>	2-91-12509-67-1	10.14	91	130.00
16	5.00	H.D. Standard Polyurethane		16,000	19.75	4.00		2-91-16509-65-1	13.21	91	200.00
16	5.00	H.D. Hard Polyurethane (70D)		18,000	19.75	4.00		2-91-16509-67-1	13.21	91	200.00
18	5.00	H.D. Standard Polyurethane		17,000	21.75	4.00		2-91-18509-65-1	14.12	91	220.00
18	5.00	H.D. Hard Polyurethane (70D)		18,000	21.75	4.00		2-91-18509-67-1	14.12	91	220.00
20	5.00	H.D. Standard Polyurethane		18,000	23.75	4.00		2-91-20509-65-1	15.05	91	240.00
20	5.00	H.D. Hard Polyurethane (70D)		20,000	23.75	4.00		2-91-20509-67-1	15.05	91	240.00