



RED STEEL
MATERIAL HANDLING



Galvanized Steel Selective Pallet Racks Systems

Heavy-Duty Storage Solutions

Galvanized Selective Pallet Racks Systems



Designed to work in harsh environments!

Galvanized pallet racking is a top-quality storage solution that can withstand the outdoors, coolers, and chemical applications. These systems are designed to work in harsh environments and offer high resistance to rust providing long-lasting durability and strength.

Hot Dip Galvanized Pallet Rack Components resist rust for many years: every section of our galvanized racks are protected, even recesses, sharp corners and inaccessible areas. No coating applied to a structure or fabrication after completion can provide the same protection.

Why Go Galvanized?



Long Life

The life expectancy of galvanized coating on typical structural members is far in excess of 50 years in most rural environments.



Toughest Coating

Galvanized coating life and performance are very reliable; its unique metallurgical structure gives outstanding resistance to mechanical damage.



Cost Efficient

Galvanizing coating cost is lower than stainless and many other protective coatings for steel; it gives you long-life expectancy, less maintenance and lowest long-term cost.

Why Go Galvanized?



Long Life

Hot-dip galvanizing (HDG) is often used to protect steel from corrosion in some of the harshest environments imaginable, yet it provides maintenance-free longevity for decades. The corrosion resistance of hot-dip galvanizing varies according to its surroundings but generally corrodes at a rate of 1/30 of bare steel in the same environment.



Tough Coating

Galvanized steel can be used in almost any environment. It will be able to withstand the corrosive elements while the longevity of the steel will not be affected. Whether exposed to the atmosphere, subjected to blazing UV rays, snow, and/or other elements, submerged in water, embedded in soil or concrete, or various other environments, hot-dip galvanized steel can withstand the different corrosive elements and fulfill the intended design life.



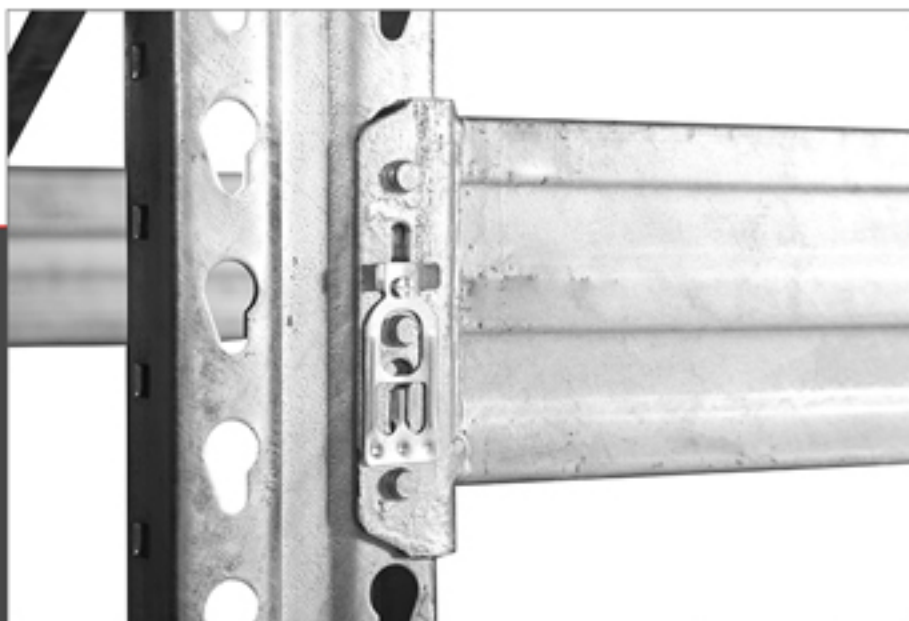
HDG Economic Advantages

Hot-dip galvanized steel provides decades of maintenance-free corrosion protection, often the initial cost is the final, life-cycle cost. Though initial cost is important, analyzing the costs throughout the life of the project provide a more comprehensive picture for future generations. Life-cycle cost (LCC) takes into account not only the initial cost, but the direct maintenance costs throughout the life of the structure, and the time value of money over the project life utilizing net present value (NPV) and net future value (NFV) calculations.

Galvanized Selective Pallet Rack



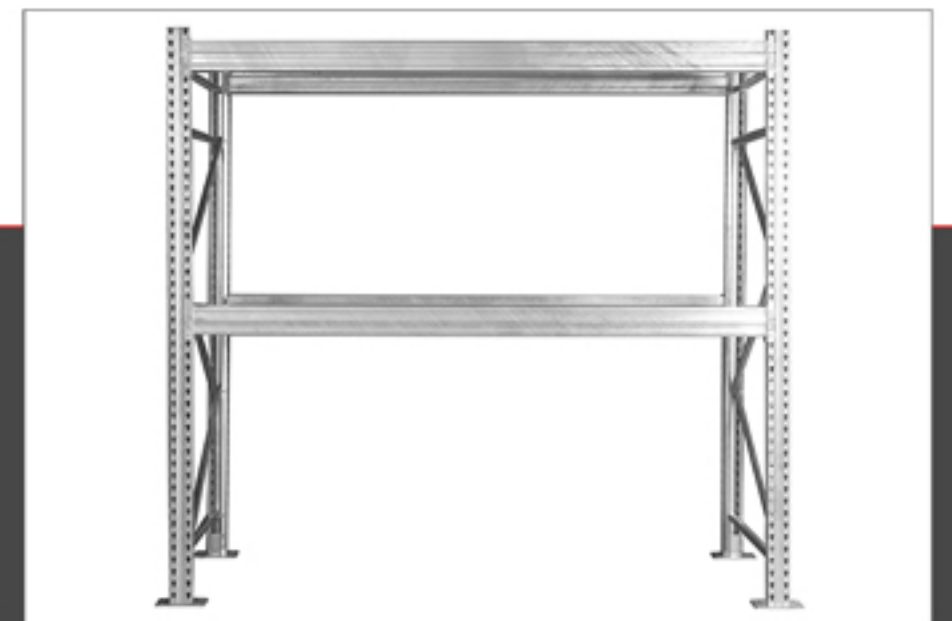
Stable, safe and economical storage solution that will last for years to come!



Traditional Tear Drop Design



Galvanized Uprights



Galvanized Beams

Product Specs

Galvanized Teardrop Uprights

SMO Part Number	Size	Weight (Lbs)
HRSGU-824-20	8' x 24"	49.00
HRSGU-836-20	8' x 36"	52.70
HRSGU-842-20	8' x 42"	58.00
HRSGU-848-20	8' x 48"	58.00
HRSGU-1042-20	10' x 42"	72.00
HRSGU-1048-20	10' x 48"	75.00
HRSGU-1224-20	12' x 24"	70.50
HRSGU-1236-20	12' x 36"	75.50
HRSGU-1242-20	12' x 42"	85.50
HRSGU-1248-20	12' x 48"	87.00
HRSGU-1624-20	16' x 24"	92.00
HRSGU-1636-20	16' x 36"	98.00
HRSGU-1642-20	16' x 42"	114.22
HRSGU-1648-20	16' x 48"	109.00
HRSGU-1636-27	16' x 36"	125.00
HRSGU-1642-27	16' x 42"	130.57
HRSGU-1648-27	16' x 48"	133.00
HRSGU-1842-27	18' x 42"	145.10
HRSGU-2042-27	20' x 42"	159.65
HRSGU-2048-27	20' x 48"	146.80

Galvanized Wiredecks

SMO Part Number	Size	Weight (Lbs)
GW2446	24" x 46"	10.20
GW3646	34" x 46"	15.50
GW4246	42" x 46"	19.70
GW4252	42" x 52"	21.60
FG4846	48" x 46"	23.90

Galvanized Accessories

SMO Part Number	Size	Weight (Lbs)
HRSG-RS-6	Row spacer – 6"	1.43
HRSG-RS-8	Row spacer – 8"	2.00
HRSG-RS-12	Row spacer – 6"	2.36
HRSG-FP-5-8	Foot plate 5" x 8" X 3/8"	5.50
HRSG-SHIM	Shim 5" x 8"	0.22
HRSG-WDA	Wedge anchors - 1/2 X 3-3/4"	0.20

Galvanized Teardrop Beams

SMO Part Number	Size	Weight (Lbs)
HRSGB-4830	48" x 3.0"	10.85
HRSGB-9630	96" x 3.0"	20.39
HRSGB-9635	96" x 3.5"	22.00
HRSGB-9640	96" x 4.0"	26.43
HRSGB-9645	96" x 4.5"	28.26
HRSGB-9650	96" x 5.0"	33.33
HRSGB-9655	96" x 5.5"	36.28
HRSGB-10855	108" x 5.5"	36.50
HRSGB-12055	120" x 5.5"	40.19
HRSGB-14460	144" x 6.0"	55.18



Capacity Charts

Teardrop Frame Capacity Chart

First Beam Level	Bolted Frame (Lbs)			
SPECS	3" x 3" x 15Ga	3" x 3" x 14Ga	3" x 3" x 13Ga	3" x 3" x 12Ga
36"	17.600	23.980	28.380	30.580
42"	17.600	22.880	27.280	29.480
48"	17.600	21.780	26.180	28.380
54"	16.610	20.680	25.080	27.280
60"	15.620	19.580	23.980	26.180
66"	14.630	18.480	22.880	25.080
72"	13.640	17.380	21.780	23.980
78"	12.540	16.280	20.680	22.880
84"	11.440	15.180	19.580	21.780
90"	10.340	14.080	18.480	20.680
96"	9.240	12.980	17.380	19.580

Step Beam Loading Capacity Chart

Loading Table (Lbs)										
Beam Length		(Inch)	60"	72"	84"	96"	108"	120"	132"	144"
Step Beam 16Ga	mill tube 3"	3 Pins	4426	3530	2593	1986	1569	1271	1050	882
	mill tube 3.5"		5620	4683	3775	2890	2284	1850	1529	1285
	mill tube 4"		7013	5844	5010	4027	3182	2577	2130	1790
	mill tube 4.5"		8346	6955	5962	5216	4277	3464	2863	2406
	mill tube 5"		9900	8352	7159	6264	5568	4569	3776	3173
	mill tube 5.5"	4 Pins	9900	9776	8379	7332	6517	5827	4816	4047
Step Beam 15Ga	mill tube 3.5"	3 Pins	6325	5271	4243	3249	2567	2079	1718	1444
	mill tube 4"		7889	6574	5635	4529	3579	2899	2396	2013
	mill tube 4.5"		9393	7828	6710	5871	4814	3899	3222	2708
	mill tube 5"		9900	9405	8061	7053	6270	5145	4252	3573
	mill tube 5.5"	4 Pins	9900	9900	9440	8260	7342	6565	5426	4559
	mill tube 6"		9900	9900	9900	9546	8486	7637	6786	5702
Step Beam 14Ga	mill tube 4"	3 Pins	8750	7292	6250	5024	3970	3215	2657	2233
	mill tube 4.5"		9900	8688	7447	6516	5343	4327	3576	3005
	mill tube 5"		9900	9900	8952	7833	6962	5714	4722	3968
	mill tube 5.5"	4 Pins	9900	9900	9900	9176	8157	7293	6027	5065
	mill tube 6"		9900	9900	9900	9900	9431	8488	7542	6337

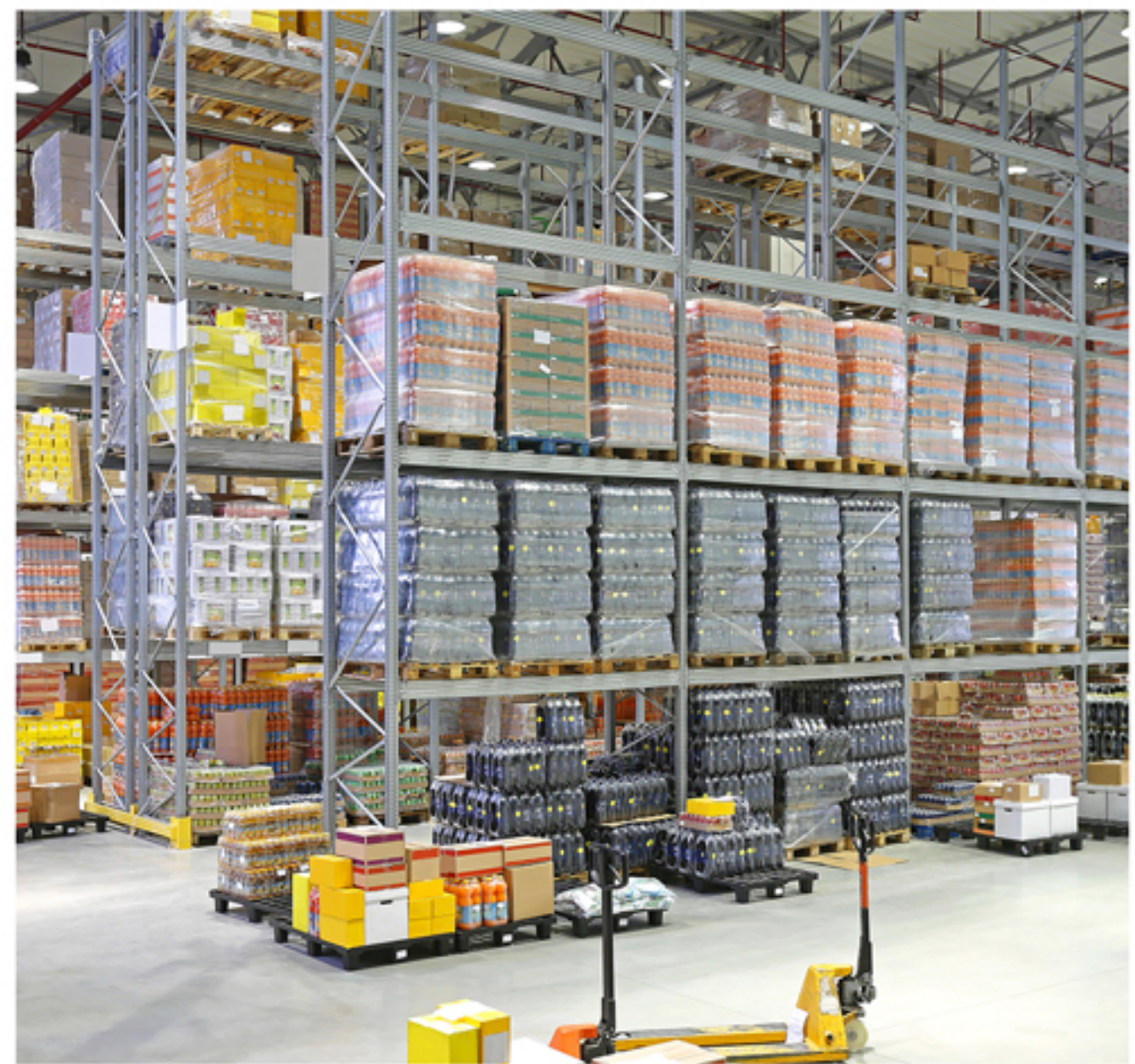
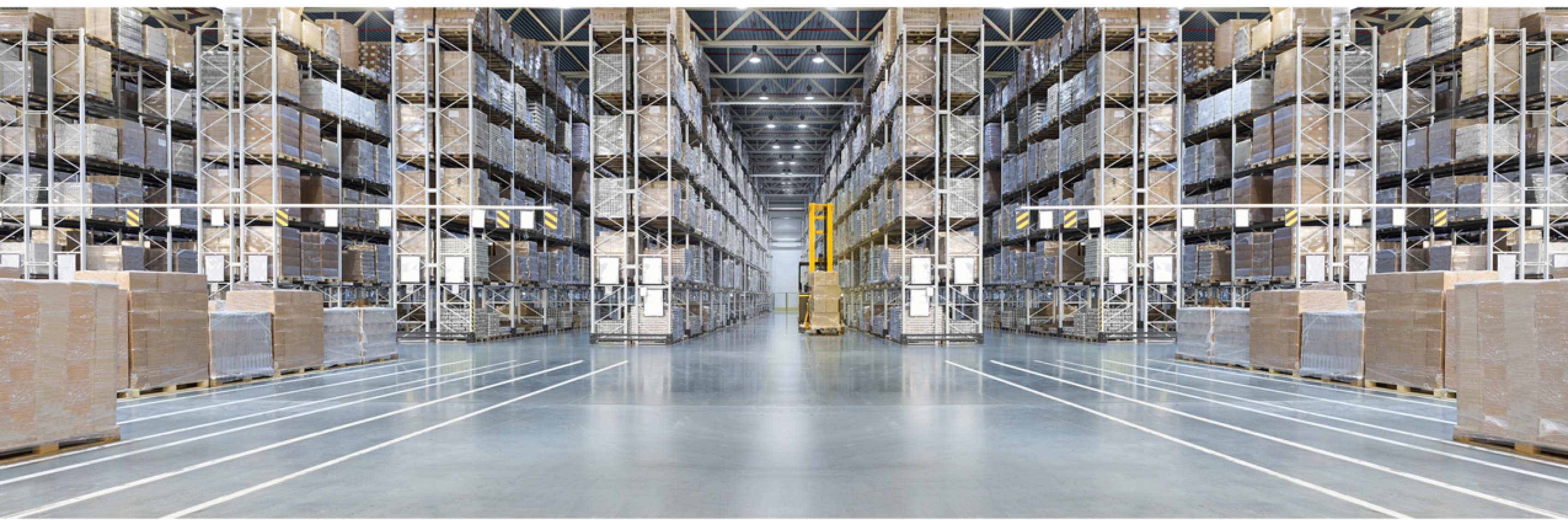
Capacity Charts

Teardrop Frame Capacity Chart

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48"	17.600	21.780	26.180	28.380
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96"	9.240	12.980	17.380	19.580

Step Beam Loading Capacity Chart

Loading Table (Lbs)				
BEAM	Beam Length	Description	Capacity	Gauge
	48"	48" x 3.0"	8,800	16 GA
	96"	96" x 3.0"	2,043	16 GA
		96" x 3.5"	2,918	16 GA
		96" x 4.0"	4,529	15 GA
		96" x 4.5"	5,871	15 GA
		96" x 5.0"	7,833	14 GA
		96" x 5.5"	9,176	14 GA
	108"	108" x 5.5"	5,868	16 GA
		108" x 5.5"	7,342	15 GA
	120"	120" x 5.5"	6,565	15 GA
	144"	144" x 6.0"	6,337	14 GA





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