



## **Bolted Bucket Elevator Specifications**

Using 1 Column of Maxi-Lift HD-Max low profile poly Buckets

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**Gentle Handling**  
Using Minimum Speed

Model	BE12GxDHx1C		BE12xDHx1C		BE24xDHx1C		BE36xDHx1C		BE48xDHx1C	
	BE6GxDHx1C	BE6xDHx1C	BE6xDHx1C	BE18xDHx1C	BE30xDHx1C	BE30xDHx1C	BE42xDHx1C	BE42xDHx1C	BE42xDHx1C	BE42xDHx1C
Capacity-BPH	549	2,236	1,069	3,940	5,824	10,558	13,066	15,156	17,377	23,844
Capacity-CFH	684	2,783	1,331	4,904	7,248	13,140	16,260	18,862	21,626	29,674
Capacity-STPH	16.4	66.8	31.9 *	117.7 *	174 *	315.4 *	390.2 *	452.7 *	519 *	712.2 *
Pulley Diameter	6"Ø	12"Ø	6"Ø	12"Ø	18"Ø	24"Ø	30"Ø	36"Ø	42"Ø	48"Ø
Bucket Columns	1	1	1	1	1	1	1	1	1	1
Bucket: (capacity = cu. In.)	7x4	12x5	7x4	12x5	13x6	16x7	18x8	18x8	18x8	20x10
Spacing-IN	3.5	4.5	3.5	4.5	5	6	7	7	7	9
Mfgr rated usable Capacity	57.0	167.1	57.0	167.1	240.5	432.0	648.0	648.0	648.0	1,136.0
Mfgr rated H2O level Cap'ty	51.3	159.9	51.3	159.9	220.8	406.4	610.2	610.2	610.2	1,032.5
<b>95% of H2O Level USED</b>	48.7	151.9	48.7	151.9	209.7	386.1	579.7	579.7	579.7	980.9
Shaft Speed-RPM	75	63	146	111	88	78	60	58	57	52
Belt Speed-FPM	117.8	197.9	229.3	348.7	414.7	490.1	471.2	546.6	626.7	653.5
* Mat'l Density PCF	48	48	48	48	48	48	48	48	48	48
GA-Discharge Receiver	12	10	12	10	0.1875	0.1875	0.25	0.25	0.3125	0.3125
GA-Trunking	16	14	16	14	14	14	14	14	12	12
GA-Bottom 10'	14	12	14	12	10	7	7	0.25	0.25	0.25

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	BE6GxDHx1C	BE6xDHx1C	BE6xDHx1C	BE18xDHx1C	BE30xDHx1C	BE30xDHx1C	BE42xDHx1C	BE42xDHx1C	BE42xDHx1C	BE42xDHx1C
<b>DISCHARGE HEIGHT (DH)</b>	<b>DESIGN DRIVE HORSEPOWER (hp-rpm)</b>									
10	0.5 hp-75	1 hp-63	0.5 hp-146	1.5 hp-111	3 hp-88	5 hp-78	5 hp-60	7.5 hp-58	7.5 hp-57	10 hp-52
15	0.5 hp-75	1.5 hp-63	0.75 hp-146	3 hp-111	5 hp-88	7.5 hp-78	7.5 hp-60	10 hp-58	10 hp-57	15 hp-52
20	0.5 hp-75	2 hp-63	1 hp-146	3 hp-111	5 hp-88	7.5 hp-78	10 hp-60	15 hp-58	15 hp-57	20 hp-52
25	0.5 hp-75	2 hp-63	1 hp-146	5 hp-111	7.5 hp-88	10 hp-78	15 hp-60	15 hp-58	15 hp-57	20 hp-52
30	0.75 hp-75	3 hp-63	1.5 hp-146	5 hp-111	7.5 hp-88	15 hp-78	15 hp-60	20 hp-58	20 hp-57	25 hp-52
35	0.75 hp-75	3 hp-63	1.5 hp-146	5 hp-111	7.5 hp-88	15 hp-78	20 hp-60	20 hp-58	25 hp-57	30 hp-52
40	1 hp-75	5 hp-63	2 hp-146	7.5 hp-111	10 hp-88	15 hp-78	20 hp-60	25 hp-58	25 hp-57	40 hp-52
45	1 hp-75	5 hp-63	2 hp-146	7.5 hp-111	10 hp-88	20 hp-78	20 hp-60	25 hp-58	30 hp-57	40 hp-52
50	1 hp-75	5 hp-63	2 hp-146	7.5 hp-111	15 hp-88	20 hp-78	25 hp-60	30 hp-58	30 hp-57	40 hp-52
55	1.5 hp-75	5 hp-63	3 hp-146	10 hp-111	15 hp-88	20 hp-78	25 hp-60	30 hp-58	40 hp-57	50 hp-52
60	1.5 hp-75	5 hp-63	3 hp-146	10 hp-111	15 hp-88	25 hp-78	30 hp-60	40 hp-58	40 hp-57	50 hp-52
65	1.5 hp-75	7.5 hp-63	3 hp-146	10 hp-111	15 hp-88	25 hp-78	30 hp-60	40 hp-58	40 hp-57	60 hp-52
70	1.5 hp-75	7.5 hp-63	3 hp-146	10 hp-111	15 hp-88	30 hp-78	40 hp-60	40 hp-58	50 hp-57	60 hp-52
75	1.5 hp-75	7.5 hp-63	3 hp-146	15 hp-111	20 hp-88	30 hp-78	40 hp-60	40 hp-58	50 hp-57	60 hp-52
80	2 hp-75	7.5 hp-63	5 hp-146	15 hp-111	20 hp-88	30 hp-78	40 hp-60	50 hp-58	50 hp-57	75 hp-52
85	2 hp-75	7.5 hp-63	5 hp-146	15 hp-111	20 hp-88	40 hp-78	40 hp-60	50 hp-58	50 hp-57	75 hp-52
90	2 hp-75	7.5 hp-63	5 hp-146	15 hp-111	20 hp-88	40 hp-78	40 hp-60	50 hp-58	60 hp-57	75 hp-52
95	2 hp-75	7.5 hp-63	5 hp-146	15 hp-111	20 hp-88	40 hp-78	50 hp-60	50 hp-58	60 hp-57	75 hp-52
100	2 hp-75	10 hp-63	5 hp-146	15 hp-111	25 hp-88	40 hp-78	50 hp-60	60 hp-58	60 hp-57	100 hp-52
105		10 hp-63	5 hp-146	15 hp-111	25 hp-88	40 hp-78	50 hp-60	60 hp-58	75 hp-57	100 hp-52
110		10 hp-63	5 hp-146	20 hp-111	25 hp-88	40 hp-78	50 hp-60	60 hp-58	75 hp-57	100 hp-52
115		10 hp-63	5 hp-146	20 hp-111	25 hp-88	50 hp-78	60 hp-60	60 hp-58	75 hp-57	100 hp-52
120		10 hp-63	5 hp-146	20 hp-111	25 hp-88	50 hp-78	60 hp-60	75 hp-58	75 hp-57	100 hp-52
125		10 hp-63	5 hp-146	20 hp-111	30 hp-88	50 hp-78	60 hp-60	75 hp-58	75 hp-57	100 hp-52
130			5 hp-146	20 hp-111	30 hp-88	50 hp-78	60 hp-60	75 hp-58	75 hp-57	125 hp-52
135			7.5 hp-146	20 hp-111	30 hp-88	50 hp-78	60 hp-60	75 hp-58	100 hp-57	125 hp-52
140			7.5 hp-146	20 hp-111	30 hp-88	60 hp-78	75 hp-60	75 hp-58	100 hp-57	125 hp-52
145			7.5 hp-146	25 hp-111	30 hp-88	60 hp-78	75 hp-60	75 hp-58	100 hp-57	125 hp-52
150			7.5 hp-146	25 hp-111	40 hp-88	60 hp-78	75 hp-60	100 hp-58	100 hp-57	125 hp-52

Capacities are for free flowing granular material, such as clean, dry, whole grain (wheat & corn) being fed on the upside of boot at correct height  
 Capacities are for a single column of max. size low profile buckets with 95% fill, minimum bucket spacing and max. speed per Bucket Manufacturer  
 All Prices and Specifications are subject to change, and will be changed without notice