

Elevator Dimensional Chart

PULLEY SIZE	Dimension (For Single Row Bucket Elevators)								Dimensions (For Two Row Bucket Elevators)						Dimensions (Three Rows of Buckets)	
	30	762	36	914	42	1066	48	1219	48-250	1219	48-300	1219	48-350	1219	48-400	1219
BPH	3000-5000	Metric	5000-8000	Metric	8000-14000	Metric	13000-20000	Metric	25000	Metric	30000	Metric	35000	Metric	40000	Metric
CFH	3750-6250	(mm)	6250-10000	(mm)	10000-17500	(mm)	16250-25000	(mm)	31250	(mm)	37500	(mm)	43750	(mm)	50000	(mm)
MTH	75-127		127-204		204-357		331-510		637		765		893		1020	
A	52"	1320.8	58"	1473.2	67"	1701.8	73"	1854.2	73"	1854.2	73"	1854.2	73"	1854.2	73"	1854.2
B	60"	1524.0	60"	1524.0	72"	1828.8	72"	1828.8	72"	1828.8	72"	1828.8	72"	1828.8	72"	1828.8
C	28"	711.2	34"	863.6	39"	990.6	45"	1143.0	45"	1143.0	45"	1143.0	45"	1143.0	45"	1143.0
D	12"	304.8	12"	304.8	14"	355.6	14"	355.6	14"	355.6	14"	355.6	14"	355.6	14"	355.6
E	18"	457.2	18"	457.2	22"	558.8	26"	660.4	38"	965.2	42"	1066.8	50"	1270.0	60"	1270.0
F	48"	1219.2	48"	1219.2	60"	1524.0	60"	1524.0	60"	1524.0	60"	1524.0	60"	1524.0	60"	1524.0
G	42"	1066.8	48"	1219.2	60"	1524.0	66"	1676.4	66"	1676.4	66"	1676.4	66"	1676.4	66"	1676.4
H	84"	2133.6	96"	2438.4	108"	2743.2	120"	3048.0	120"	3048.0	120"	3048.0	120"	3048.0	120"	3048.0
I	90"	2286.0	96"	2438.4	120"	3048.0	126"	3200.4	126"	3200.4	126"	3200.4	126"	3200.4	126"	3200.4
J	14"	355.6	20"	508.0	19"	482.6	23"	584.2	23"	584.2	23"	584.2	23"	584.2	23"	584.2
K	18"	457.2	18"	457.2	22"	558.8	24"	609.6	24"	609.6	24"	609.6	24"	609.6	24"	609.6
L	18"	457.2	18"	457.2	22"	558.8	26"	660.4	38"	965.2	42"	1066.8	50"	1270.0	60"	1524.0
M	46"	1168.4	53"	1346.2	62"	1574.8	69"	1752.6	69"	1752.6	69"	1752.6	69"	1752.6	69"	1752.6
N	16"	406.4	20"	508.0	24"	609.4	28"	711.2	28"	711.2	28"	711.2	28"	711.2	28"	711.2
O	12"	304.8	12"	304.8	16"	406.4	18"	457.2	30"	762.0	34"	863.6	42"	1066.8	52"	1320.8
P	30"	762.0	33"	838.2	38"	965.2	41"	1041.4	41"	1041.4	41"	1041.4	41"	1041.4	41"	1041.4
S	40"	1016.0	40"	1016.0	50"	1270.0	62"	1574.8	62"	1574.8	62"	1574.8	62"	1574.8	62"	1574.8

Gauging Chart

PULLEY SIZE	30	762 (mm)	36	914 (mm)	42	1066 (mm)
Boot Gauge	10 Ga.	3.41	10 Ga.	3.41	7 Ga.	4.55
Head Housing	12 Ga.	2.65	10 Ga.	3.41	10 Ga.	3.41
Head Hood	12 Ga.	2.65	12 Ga.	2.65	12 Ga.	2.65
Trunking						
To 155' 48m	12 Ga.	2.65	12 Ga.	2.65	12 Ga.	2.65
Over 155' 48m	10 Ga.	3.41	10 Ga.	3.41	10 Ga.	3.41

PULLEY SIZE	48		1219		48		1219	
	Single Row	(mm)	Double Row	(mm)	Triple Row	(mm)	(mm)	
Boot Gauge	7 Ga.	4.55	7 Ga.	4.55	1/4" sides - 7 Ga. and	6.35 - 4.55		
Head Housing	10 Ga.	3.41	7 Ga.	4.55	7 Ga.	4.55		
Head Hood	12 Ga.	2.65	12 Ga.	2.65	12 Ga.	2.65		
Trunking								
To 155' 48m	12 Ga.	2.65	10 Ga.	3.41	10 Ga.	3.41		
Over 155' 48m	10 Ga.	3.41	10 Ga.	3.41	10 Ga.	3.41		

General Notes:

Capacities based on dry, free flowing, granular material with proper loading and unloading conditions at 45#/CF (721 kg/m³) using conservative cup capacities per manufacturer's recommendations.

The raw material gauge specifications refer to hot rolled steel. For galvanized steel requirements the specifications are identical, except 8 Ga. (4.26 mm) galvanized steel replaces 7 Ga. (4.55 mm) hot rolled steel. Galvanized construction **NOT** available above 20,000 BPH bucket elevators.

General specifications and dimensions are subject to change without notice.

General specifications and dimensions are intended to provide sales assistance and preliminary guide to system layout only.

