



Heavy Duty *Liberty* Series Bucket Elevators

500 BU/HR to 3500 BU/HR

12.7 MT/HR to 88.9 MT/HR

All capacities are based on 75% bucket fill

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Liberty BUCKET ELEVATOR SPECIFICATIONS



Liberty HEAD

- 12 Gal. Two Piece Construction
- 10 Ga. AR Liner, Front Crown & Discharge
- 16" Dia. X 11" Face, Drum Type Pulley
- Vulcanized Rubber, Lagging, Electrostatically Balanced
- 12" x 10" Inspection Opening
- Rubber Seal around bearings to eliminate dust
- Stress Proof Shafting
- Rubber Adjustable Throat Plate for accurate Clean Out

Liberty BOOT

- 12 Ga. Steel with 9" Travel Take-Up
- One Loading Boot Hopper 13" x 13"
- 1 15/16" Stress Proof Shaft with Pillow Block Bearings
- 16" Dia. X 11" Face Drum Type Pulley
- 8" Square Inspection Door
- Dust Seals in Take Up Area to Prevent Dust
- Two Clean Out Slides

Liberty LEGGING

- 14 Ga. Standard or 12 Ga. Special
- Two Piece Design 10" x 13" Cross Section
- Inspection Section with Two 11" x 30" Door
- With Dust Seals

Liberty GENERAL

- Coating — Powder Coated
- Blue or Your Color Choice
- Hot Dipped Galvanized
- 304 Stainless
- 10" PVK or Rubber Belting
- Polyurethane Buckets — Plain or Vented

Liberty DIMENSIONS

- Head Ht. — 4 Ft. 5" & Discharge 8" x 13"
- Boot Ht. — 3 Ft. 6"
- Hopper Ht. — Up Side 34" & Down Side 24"
- Side Profile 34" — End View 10"

MODEL <i>Liberty</i> ELEVATOR LEG HORSE POWER							
BPH Discharge Height/Ft.	500 9 x 5 14" CC	1000 9 x 5 12" CC	1500 9 x 5 8" CC	2000 9 x 5 6" CC	2500 9 x 6 7" CC	3000 9 x 6 7" CC	3500 9 x 6 LP 5 1/4" CC
RPM	55	90	90	90	95	110	90
20	A-1	A-1	A-1 1/2	A-2	A-2	A-3	A-3
25	A-1	A-1	A-1 1/2	A-2	A-3	A-3	A-5
30	A-1	A-1 1/2	A-2	A-3	A-3	A-5	A-5
35	A-1	A-1 1/2	A-2	A-3	A-5	A-5	A-5
40	A-1	A-2	A-3	A-5	A-5	A-5	A-7 1/2
45	A-1	A-2	A-3	A-5	A-5	A-7 1/2	A-7 1/2
50	A-1 1/2	A-3	A-5	A-5	A-7 1/2	A-7 1/2	A-7 1/2
55	A-1 1/2	A-3	A-5	A-5	A-7 1/2	A-7 1/2	A-7 1/2
60	A-1 1/2	A-3	A-5	A-5	A-7 1/2	A-7 1/2	B-10
65	A-1 1/2	A-3	A-5	A-5	A-7 1/2	A-7 1/2	B-10
70	A-1 1/2	A-3	A-5	A-7 1/2	A-7 1/2	B-10	B-10
75	A-1 1/2	A-3	A-5	A-7 1/2	A-7 1/2	B-10	B-10
80	A-2	A-5	A-5	A-7 1/2	B-10	B-10	B-15
85	A-2	A-5	A-5	A-7 1/2	B-10	B-10	B-15
90	A-2	A-5	A-7 1/2	A-7 1/2	B-10	B-15	B-15
95	A-2	A-5	A-7 1/2	A-7 1/2	B-10	B-15	B-15
100	A-2	A-5	A-7 1/2	B-10	B-10	B-15	B-15
105	A-2	A-5	A-7 1/2	B-10	B-10	B-15	B-15
110	A-3	A-5	A-7 1/2	B-10	B-15	B-15	B-15
115	A-3	A-5	A-7 1/2	B-10	B-15	B-15	C-20
120	A-3	A-5	A-7 1/2	B-10	B-15	B-15	

A = 1 15/16" Diameter Stress Proof Head Shaft

B = 2 7/16" Diameter Stress Proof Head Shaft

C = 2 15/16" Diameter Stress Proof Head Shaft

WE WILL CUSTOM MANUFACTURE ANY BUCKET ELEVATOR TO YOUR SPECIFICATIONS.

Over 50 years HUNTER'S has known your needs. Our Engineering testing has proven results in material handling and we have proven this to you, our valued customers over the years. The specification page that you are reviewing is the *Liberty* SERIES. Note the cup size in relationship to the capacity. Our company bases the capacity on 75% bucket fill, which guarantees capacity that you require, and protects grain from being damaged, which gives us pride. We are doing today what others will be doing tomorrow.