



Heavy Duty *Franklin* Series Bucket Elevators

8,000 BU/HR to 15,000 BU/HR

203.2 MT/HR to 381.8 MT/HR

All capacities are based on 75% bucket fill

509 Arbor Drive • Columbia, MO 65201

Direct 573.474.9217 • Cell 573.673.7237 or 573.424.0330 • Email wehunter@hwws.us

*BJ - BIG JOHN

Franklin BUCKET ELEVATOR SPECIFICATIONS



Franklin HEAD

- 10 Gal. Three Piece Construction
- 10 Ga. AR Liner, Front Crown & Discharge
- 42" Dia. X 19" Face, Drum Type Pulley
- Holtz, Lagging, Electrostatically Balanced
- 12" Square Inspection Opening
- Rubber Seal around bearings to eliminate dust
- Stress Proof Shafting
- Rubber Adjustable Throat Plate for accurate Clean Out

Franklin BOOT

- 7 Ga. Steel with 12" Travel Take-Up
- Two Loading Boot Hoppers 19" x 22"
- 3⁷/₁₆" Stress Proof Shaft with Pillow Block Bearings
- 42" Dia. X 19" Face Drum Type Pulley
- 8" Square Inspection Door
- Dust Seals in Take Up Area to Prevent Dust
- Two Clean Out Slides

Franklin LEGGING

- 12 Ga. Standard or 10 Ga. Special
- Two Piece Design 15" x 22" Cross Section
- Inspection Section with Two 22" x 30" Door
- With Dust Seals

Franklin GENERAL

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

Franklin DIMENSIONS

- Head Ht. — 8 Ft. & Discharge 22" x 22"
- Boot Ht. — 6 Ft. 6"
- Hopper Ht. — Up Side 66" & Down Side 54"
- Side Profile 70" — End View 22"

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 *Franklin* 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.

**WE WILL CUSTOM MANUFACTURE
ANY BUCKET ELEVATOR
TO YOUR SPECIFICATIONS.**

MODEL <i>Franklin</i> ELEVATOR LEG HORSE POWER								
BPH Discharge Height/Ft.	8000 16 x 7 10.75 CC	9000 16 x 7 9.125 CC	10000 16 x 7 8.625 CC	11000 16 x 8 9.125 CC	12000 *BJ 16x8 10.625 CC	13000 *BJ 16x8 9.875 CC	14000 *BJ 16x8 9.125 CC	15000 *BJ 16x8 8.5 CC
RPM	63	63	63	63	63	63	63	63
25	C-10	C-10	C-10	C-15	C-15	C-15	C-15	C-15
30	C-10	C-15	C-15	C-15	C-15	C-15	D-20	D-20
35	C-15	C-15	C-15	C-15	D-20	D-20	D-20	D-20
40	C-15	C-15	D-20	D-20	D-20	D-20	D-25	D-25
45	C-15	D-20	D-20	D-20	D-25	D-25	D-25	D-30
50	D-20	D-20	D-20	D-25	D-25	D-25	D-30	D-30
55	D-20	D-20	D-25	D-25	D-30	D-30	D-30	E-40
60	D-20	D-25	D-25	D-30	D-30	D-30	E-40	E-40
65	D-20	D-25	D-25	D-30	D-30	E-40	E-40	E-40
70	D-25	D-25	D-30	D-30	E-40	E-40	E-40	E-40
75	D-25	D-30	D-30	E-40	E-40	E-40	E-40	F-50
80	D-25	D-30	E-40	E-40	E-40	E-40	F-50	F-50
85	D-30	D-30	E-40	E-40	E-40	F-50	F-50	F-50
90	D-30	E-40	E-40	E-40	F-50	F-50	F-50	F-60
95	D-30	E-40	E-40	E-40	F-50	F-50	F-60	F-60
100	E-40	E-40	E-40	F-50	F-50	F-50	F-60	F-60
105	E-40	E-40	E-40	F-50	F-50	F-60	F-60	F-60
110	E-40	E-40	F-50	F-50	F-60	F-60	F-60	G-75
115	E-40	E-40	F-50	F-50	F-60	F-60	G-75	G-75
120	E-40	F-50	F-50	F-60	F-60	F-60	G-75	G-75
125	E-40	F-50	F-50	F-60	F-60	G-75	G-75	G-75
130	E-40	F-50	F-50	F-60	F-60	G-75	G-75	G-75
135	F-50	F-50	F-60	F-60	G-75	G-75	G-75	H-100
140	F-50	F-50	F-60	F-60	G-75	G-75	G-75	H-100
145	F-50	F-50	F-60	G-75	G-75	G-75	H-100	H-100
150	F-50	F-60	F-60	G-75	G-75	G-75	H-100	H-100
155	F-50	F-60	F-60	G-75	G-75	G-75	H-100	H-100
160	F-50	F-60	G-75	G-75	G-75	H-100	H-100	H-100
165	F-60	F-60	G-75	G-75	H-100	H-100	H-100	H-100
170	F-60	F-60	G-75	G-75	H-100	H-100	H-100	H-100
175	F-60	F-60	G-75	G-75	H-100	H-100	H-100	H-100
180	F-60	G-75	G-75	H-100	H-100	H-100	H-100	H-125
185	F-60	G-75	G-75	H-100	H-100	H-100	H-100	H-125
190	F-60	G-75	G-75	H-100	H-100	H-100	H-125	H-125
195	F-60	G-75	G-75	H-100	H-100	H-100	H-125	H-125
200	G-75	G-75	H-100	H-100	H-100	H-100	H-125	H-125
205	G-75	G-75	H-100	H-100	H-100	H-125	H-125	H-125
210	G-75	G-75	H-100	H-100	H-100	H-125	H-125	H-125
215	G-75	G-75	H-100	H-100	H-100	H-125	H-125	H-125
220	G-75	H-100	H-100	H-100	H-125	H-125	H-125	-

C = 2 ¹⁵/₁₆" Diameter Stress Proof Head Shaft
D = 3 ⁷/₁₆" Diameter Stress Proof Head Shaft
E = 3 ¹⁵/₁₆" Diameter Stress Proof Head Shaft

F = 4 ⁷/₁₆" Diameter Stress Proof Head Shaft
G = 4 ¹⁵/₁₆" Diameter Stress Proof Head Shaft
H = 5 ⁷/₁₆" Diameter Stress Proof Head Shaft