

## PENDULUM BUCKET ELEVATOR - FOOD HANDLING QUOTATION WORKSHEET

Company: _____	Line Item No.: _____
Contact: _____	Quantity: _____
Quote No.: _____	Date Required: _____

\* This document is intended to help gather vital information surrounding the application, the load being handled/elevated, the specifications of the material handling equipment, and equipment features and options required to best meet customer needs. Please input/select data below:

### VITAL DATA

**APPLICATION CONDITION:**  
 Dry Application       Wet/Washdown Application       High Pressure Washdown Application

**APPLICATION DESCRIPTION:** \_\_\_\_\_

**PRODUCT TO CONVEY:** \_\_\_\_\_

**PRODUCT DIMENSIONS:**  
 Product Size (Min.): \_\_\_\_\_ in. Wide x \_\_\_\_\_ in. Long x \_\_\_\_\_ in. Height x \_\_\_\_\_ Weight/ea. \_\_\_\_\_ Total Live Load  
 Product Size (Max.): \_\_\_\_\_ in. Wide x \_\_\_\_\_ in. Long x \_\_\_\_\_ in. Height x \_\_\_\_\_ Weight/ea. \_\_\_\_\_ Total Live Load

\* Enter size based on how product sets in the buckets: Width = leading edge spanning across bucket, Length = side edge parallel with direction of flow

**Production Rate:** \_\_\_\_\_ lbs./hour      **Environment Temp.:** \_\_\_\_\_ (F) degrees      **Bulk Density:** \_\_\_\_\_ lbs/cu.ft.  
**Max. Load per Bucket:** \_\_\_\_\_ lbs.      **Product Temp.:** \_\_\_\_\_ (F) degrees      **Liquids Present:** \_\_\_\_\_

**OTHER SPEC'S:** \_\_\_\_\_

### ELEVATOR CONFIGURATIONS & DIMENSIONS

**A =** \_\_\_\_\_ ft. - \_\_\_\_\_ in. (Overall Length)  
**B =** \_\_\_\_\_ in. (Top of Frame)  
**C =** \_\_\_\_\_ in. (Discharge Height)  
**D =** \_\_\_\_\_ ft. \_\_\_\_\_ in.  
**E =** \_\_\_\_\_ ft. - \_\_\_\_\_ in.  
**F =** \_\_\_\_\_ ft. - \_\_\_\_\_ in. (Overall Height)  
**G =** \_\_\_\_\_ (Degree Incline/Decline Angle)

**Note:** (Standard Frame Depth = 24 in.)

Angled-Z Style

Z-Style

C-Style

Horizontal

**X =** \_\_\_\_\_ (30 in. min.)  
**Y =** \_\_\_\_\_ in.  
**Z =** \_\_\_\_\_ in.

Multiple Discharge Zones

**OTHER SPEC'S:** \_\_\_\_\_

### BUCKET SPECIFICATIONS

*Note: All buckets on the elevator require a metered feed (e.g. vibratory feeder, rotary valve, or similar device)*

**BUCKET WIDTH:**  
 18" (Standard)       12" (Special)       24" (Special)      Custom Width: \_\_\_\_\_ in.

**BUCKET MATERIAL:**  
 Nylon FDA (Standard)       304 SS (Special) Continuous Welds       316 SS (Special) Continuous Welds      Custom Mat'l: \_\_\_\_\_

**BUCKET CENTERS: (Pitch)**  
 9" (Standard)      Custom Pitch: \_\_\_\_\_ in. (Requires Custom Buckets)

**BUCKET CAPACITY: (Calculations are based on 60% Recommended Bucket Fill)**  
 12" Bucket Width = 185 cubic inches (Special)      18" Bucket Width = 285 cubic inches (Standard)      24" Bucket Width = 385 cubic inches (Special)

BW + 3 3/4"  
 BUCKET WIDTH (BW)  
 (18" STANDARD)

**OTHER SPEC'S:** \_\_\_\_\_

(continued)

## STANDARD PACKAGES

Note: All food contact zones include s.s. continuous welds which are coarse ground & cleaned (i.e. infeed guides, top covers, & bottom pans)

**Hygienic Level I Package**  
(Dry Environments)

- \* Non-Washdown Designs
- \* Carbon Steel Frame/Leg Materials
- \* FDA Powder Coated Frame/Legs
- \* S.S. Shafts with FDA Materials
- \* Non-Washdown Drive
- \* FDA Buckets

- \* Non-Washdown Carbon Steel Bucket Chain
- \* FDA-H1 Lubricants
- \* NEMA-1 Electrical/Control Items
- \* Stitch Welded Frame/Legs
- \* Welds Cleaned But Not Ground

**Hygienic Level II Package**  
(Dry to Wet Environments)

- \* Washdown Designs
- \* S.S. 2B Mill Finish Frame/Leg Materials
- \* S.S. Shafts with FDA Materials
- \* Epoxy Painted Washdown Drive
- \* FDA Buckets

- \* S.S. Washdown Bucket Chain
- \* FDA-H1 Lubricants
- \* NEMA-4X Electrical/Control Items
- \* Stitch Welded Frame/Legs
- \* Welds Cleaned But Not Ground

**Hygienic Level III Package**  
(Dry to Wet Environments)

- \* Hygienic Open/Cleanable Designs
- \* S.S. 2B Mill Finish Frame/Leg Materials
- \* S.S. Shafts with FDA Materials
- \* S.S. Washdown Drive
- \* FDA Buckets

- \* S.S. Washdown Bucket Chain
- \* FDA-H1 Lubricants
- \* NEMA-4X Electrical/Control Items
- \* Continuously Welded Frame/Legs
- \* Welds Coarse Ground & Cleaned
- \* Clean-out Ports in Sideframes

## DRIVE & CONTROL DATA

### DRIVE STYLES:

- |  |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> Gearmotor                         | <input type="checkbox"/> Non-Washdown (Basic)   | <input type="checkbox"/> Explosion Proof (XP) | <input type="checkbox"/> Drip Tray  |
| <input type="checkbox"/> Motor & Reducer                   | <input type="checkbox"/> Epoxy Painted Washdown | * (XP+Washdown) requires special S.S. motor   | <input type="checkbox"/> Left Hand Drive or <input type="checkbox"/> Right Hand Drive |
| <input type="checkbox"/> Reducer w/Internal Torque Limiter | <input type="checkbox"/> S.S. Washdown          | * (Controls not available with XP)            |   |

REQUESTED HORSEPOWER: \_\_\_\_\_ HP

BELT SPEED: \_\_\_\_\_ FEET/MIN.

NO. OF BELT START/STOPS: \_\_\_\_\_ PER HOUR

### SUPPLY VOLTAGE:

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> 115V 1-Phase | <input type="checkbox"/> 208V 3-Phase |
| <input type="checkbox"/> 230V 1-Phase | <input type="checkbox"/> 230V 3-Phase |
| <input type="checkbox"/> 460V 3-Phase | <input type="checkbox"/> 575V 3-Phase |

### CONTROLS:

- |   |  |
|---|--|
| <input type="checkbox"/> Start/Stop (Fixed Speed)                           | <input type="checkbox"/> Pull Stop Cord      |
| <input type="checkbox"/> VFD Speed Controller Package Included              | <input type="checkbox"/> E-Stop              |
| <input type="checkbox"/> Variable Speed Rated (Inverter Duty Motor Req'd)   | <input type="checkbox"/> Zero Speed Switch   |
| <input type="checkbox"/> IP69K Rated Controls (Max. 1,400 PSI @ 176 F Deg.) | <input type="checkbox"/> Electrical Overload |

OTHER SPEC'S: \_\_\_\_\_

## LEG SUPPORTS

### DESIGN STYLE:

- Channel Legs, Adj. Channel Feet w/Base Plate & Mtg Hole (Standard)
- Tubular Legs, Adj. Levelers w/Base Mtg Hole & Thread Cover
- Tubular Legs, Adj. Levelers w/Base Mtg Hole & Exposed Threads

### LEG OPTIONS:

- Rigid Casters  w/Brakes
- Swivel  w/Brakes
- Ceiling Hanger Brackets
- No Legs or Casters

OTHER SPEC'S: \_\_\_\_\_

## FRAME & LEG CONSTRUCTION OPTIONS

Note: Only select from the below if the option is different than the Standard Package Offerings

### MATERIAL AND FINISH TYPE:

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Carbon Steel FDA Powder Coated | <input type="checkbox"/> 304 S.S. Material       | <input type="checkbox"/> 316 S.S. Material         |
| <input type="checkbox"/> S.S. 2B Mill Finish            | <input type="checkbox"/> S.S. #4 Polished Finish | <input type="checkbox"/> Glass Bead Blasted Finish |

### WELD TYPE:

- |  |  |
|--|--|
| <input type="checkbox"/> Stitch Welded       | <input type="checkbox"/> Welds Cleaned But Not Ground  |
| <input type="checkbox"/> Continuously Welded | <input type="checkbox"/> Welds Coarse Ground & Cleaned |

**Weld Notes:** \* Continuous Coarse Ground & Cleaned Welds are ground to remove most ripples. Welds may include minor imperfections & scratches. = Welds are ground to a 250 RA micro finish.

\* Stitch Welds are intermittently spaced along the joint & may include minor imperfections, pits, crevices, small pockets, & scratches.

\* All welds are cleaned to remove heat tint (Standard).

OTHER SPEC'S: \_\_\_\_\_

## MISC. OPTIONS

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Friction Disc Torque Limiter                                 | <input type="checkbox"/> Clean-Out Ports in Sideframes                | <input type="checkbox"/> Flared Guides                                       |
| <input type="checkbox"/> Shear Pin Torque Limiter                                     | <input type="checkbox"/> Discharge Chute                              | <input type="checkbox"/> Infeed Hopper (Metered Feed Req'd)                  |
| <input type="checkbox"/> Quick-Release Chain Take-Ups                                 | <input type="checkbox"/> Top Covers <input type="checkbox"/> w/Hinges | <input type="checkbox"/> Bottom Catch Pans <input type="checkbox"/> w/Hinges |
| <input type="checkbox"/> Sideguides: _____ in. Tall <input type="checkbox"/> w/Hinges | <input type="checkbox"/> w/Lexan Windows                              | <input type="checkbox"/> w/Toolless Removal                                  |

OTHER SPEC'S: \_\_\_\_\_