

Bucket Elevator Inquiry Form



Company: _____
Contact: _____
Title: _____
Address: _____
Town/State/ZIP: _____
Phone: _____
Fax: _____
E-mail: _____

Date: _____

Circle where appropriate!

1. All top fed conveyors require a metered feed (e.g. vibratory feeder, rotary valve, or similar device). Please describe your proposed method of feeding:

2. Material Conveyed: _____

3. Abrasive: _____ Yes _____ No

4. Capacity: _____ lbs/h _____ T/h

5. Bulk Density: _____ lbs/cuft

6. Particle Size: less than 1/8" 1/2" 1" 2" 3"
Other: _____

7. Dynamic Angle of Repose: under 10Deg 10 to 20Deg more than 20Deg

8. Is the material difficult to discharge: Yes No

9. Does the material compact: Yes No

10. Temperature in and around Elevator: _____ F

11. Temperature of Conveyed Goods: _____ F

12. Maximum Temperature: _____ F

13. Location: Indoors Outdoors

14. Operating Hours per Day: Less than 10 more than 20

15. Electrical Supply: _____ V ___ Ph ___ Hz

16. Motor Type: TEFC TENV

Wash Down Duty Chemical Duty Inverter Duty

X-Proof Class _____ Group _____ Div _____

17. Casing:

Sheet Metal: Enclosed w/drawers Dust Free

Sealed - welded inside Sealed - welded outside

Vacuum/Pressure _____ PSI _____ mmH20 _____ mmHg

Tubular Steel: full cladding partial cladding

Casing Material: Carbon Steel 403SS

316SS 403L SS 316L SS Aluminum

18. Bearings: Standard Protected (Waste Packs)
Sealed Pressurized (Compression Glands)

19. Paint: Enamel Anti Corrosion Epoxy
Powder Coating No Paint (e.g. Stainless Steel)

Color: RAL _____ Other: _____

20. Options:

Zero Speed Switch Bucket Belt Monitor

Safety Alarm Systems Control Panel

Anti Static Systems Level Sensor Vents

Clean in Place Conveyor Wash

Clean in Place Bucket Wash

Feed Transition(s)* Discharge Transition(s)* *Provide design requirements, Material, Opening Dimensions and heights.

21. Additional Information: _____

22. Please complete the Bucket Conveyor Inquiry Sketch on the next page for the dimensions and style of the Elevator.

23. We will send you a proposal in Office XP format or PDF. The drawing will be AutoCAD. Please tell us your AutoCAD Version _____



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 Phone: 914-763-8259 E-mail: info@nerak-systems.com
 Fax: 914-763-9570 Website: www.nerak-systems.com

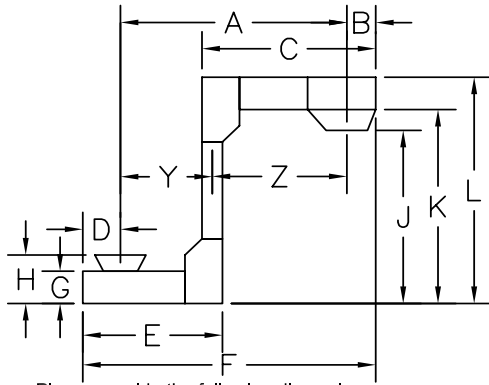
Bucket Elevator Inquiry Sketch

Continuous Bucket Elevator (WB)
Pendulum Bucket Elevator (PB)

Company: _____

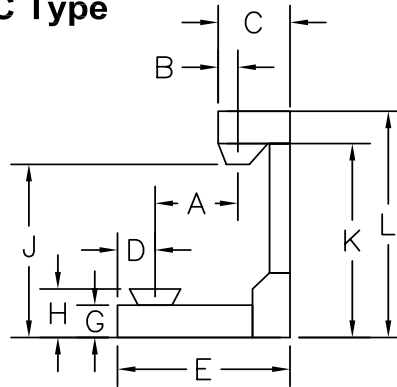
Please complete with dimensional information where appropriate!

Z Type



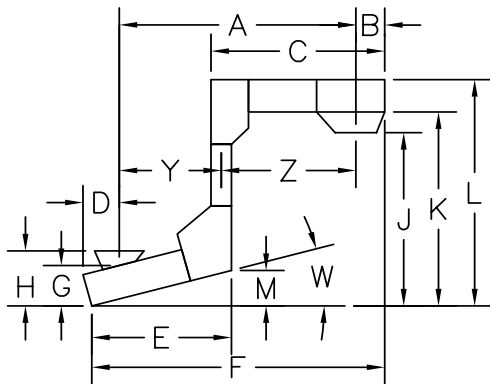
Please provide the following dimensions:
Horizontal: A and Y or Z
Vertical: G or H and J or K or L
All other dimensions are optional

C Type



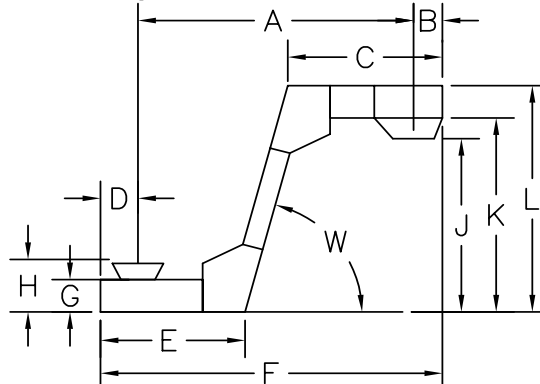
Please provide the following dimensions:
Horizontal: A
Vertical: G or H and J or K or L
C is a fixed dimension
All other dimensions are optional

ZA Type



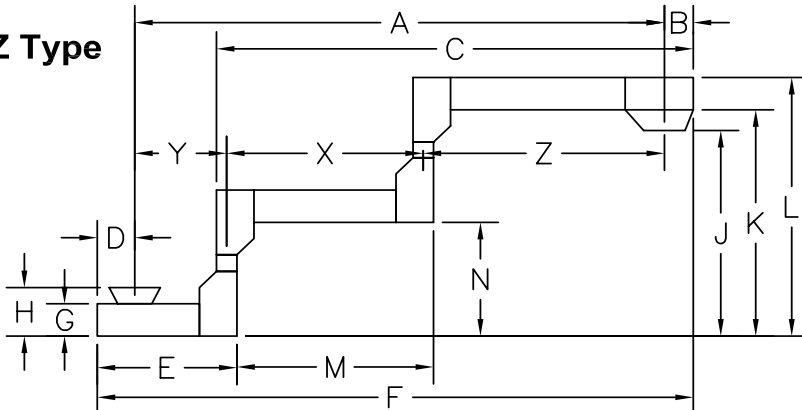
Please provide the following dimensions:
Horizontal: A and Y or Z
Vertical: G or H and J or K or L and M or W
All other dimensions are optional

ZB Type



Please provide the following dimensions:
Horizontal: A and D or B and C or E
OR F and C or E
Vertical: G or H and J or K or L and W
All other dimensions are optional

ZZ Type



Please provide the following dimensions:
Horizontal: A and Y and Z OR A and X and Z OR A and X and Y
Vertical: G or H and J or K or L and N
All other dimensions are optional

Please provide drawing or sketch for more than one feed opening or discharge and any other conveyor shape!

EXPERTS IN VERTICAL CONVEYING

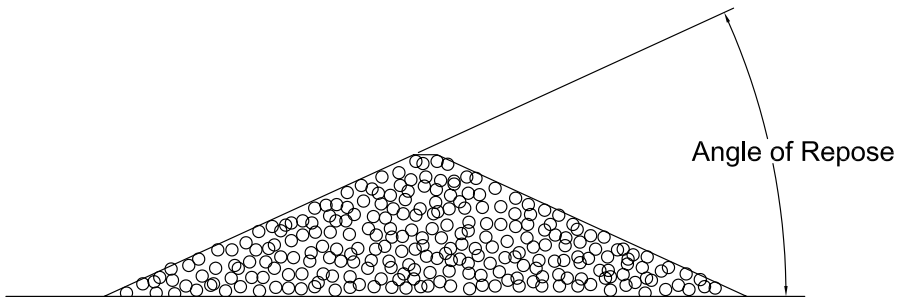
Bucket Elevator Inquiry Info

Continuous Bucket Elevator (WB)
Pendulum Bucket Elevator (PB)



Dynamic Angle of Repose

The Angle of Repose is the Angle of the undisturbed material lying on a surface.
The Dynamic Angle of Repose is the Angle of the material lying on a surface in a dynamic situation, such as shaking on moving! Please give us the dynamic angle of repose of your product!



Discharge of Material in WB Elevators C-Type

All WB C-Type Elevators discharge directly at the turn of the wheel. If a discharge further away is required a PB- Type conveyor will be chosen.

