Bucket Elevator Inquiry Form

NERAK SYSTEMS

Company: _____

Contact: _____

Title: _____

Address: _____

Town/State/ZIP: _____ **Date:**_____

Phone: _____

Fax: _____

E-mail: _____

Please check 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. Is the material abrasive: __ Yes __ No
4. Capacity: _____lbs/h or _____T/h
5. Bulk Density: _____lbs/cu ft
6. Particle Size: __<1/8"; __<1/2"; __<1"; __<2"
   Other: _____
7. Dynamic Angle of Repose: __ under 10°; __ 10 to 20°
   __ more than 20°
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 Casing:
    __ Enclosed w/drawers; __ Dust Free (closed bottom);
    __ Sealed welded inside; __ Sealed welded outside;
    Vacuum/Pressure: _____PSI _____mmH20 _____mmHg
    Tubular Steel Casing: __ full cladding; __ partial cladding
18. Casing Material: __ Carbon Steel; __ 304SS; __ 316SS;
    __ 304L SS; __ 316L SS; __ Aluminum
19. Bearings: __ Standard; __ Sealed;
    __ Pressurized (Compression Glands)
20. Paint: __ Powder Coating; __ Anti Corrosion Epoxy;
    __ Enamel; __ No Paint (e.g. Stainless Steel);
    Color: RAL _____ Other:_____
21. Options:
    __ Zero Speed Switch; __ Bucket Belt Monitor;
    __ Safety Alarm Systems: __ Control Panel;
    __ Feed Section Level Sensor; __ Discharge Level Sensor
    __ Discharge Transition(s)*; __ Feed Transition(s)*;
    __ Anti Static Systems; __ Vents;
    __ Clean in Place Bucket Wash;
    __ Clean in Place Conveyor Wash;
    *Please provide design requirements, Material, Opening dimensions and heights.
22. Additional Information: _____
    _____
    _____
    _____
    _____
    _____
23. Please complete the Bucket Conveyor Inquiry Sketch on the next page for the dimensions and style of the Elevator.
24. We will send you a proposal in PDF or Office XP format. The drawing will be AutoCAD. Please tell us your AutoCAD Version_____

MATERIAL HANDLING INDUSTRY OF AMERICA Member Company

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Fishkill
New York, 12524

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

Bucket Elevator Inquiry Sketch

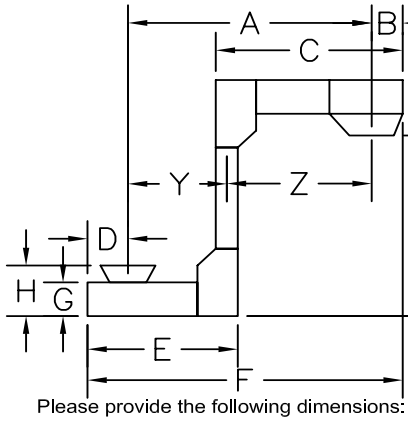
NERAK SYSTEMS

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

Company: _____

Please fill out the dimensional information where appropriate!

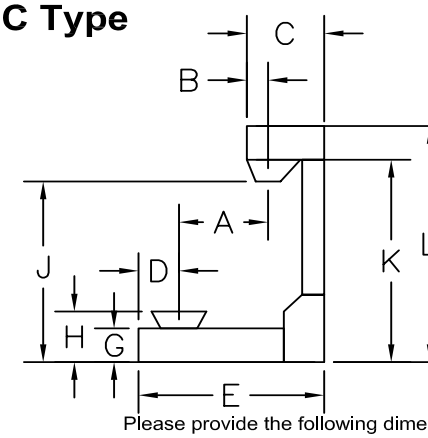
Z Type



_Z-type
A=____
B=____
C=____
D=____
E=____
G=____
H=____
J=____
K=____
L=____
Y=____
Z=____

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

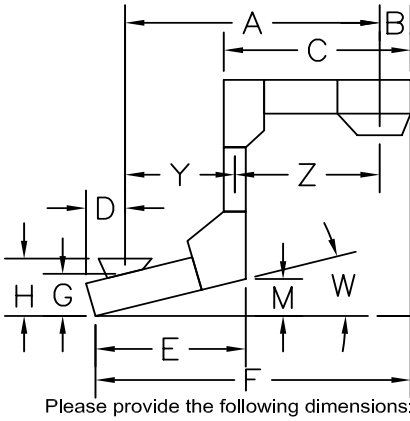
C Type



_C-type
A=____
B=____
C=____
D=____
E=____
G=____
H=____
J=____
K=____
L=____

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

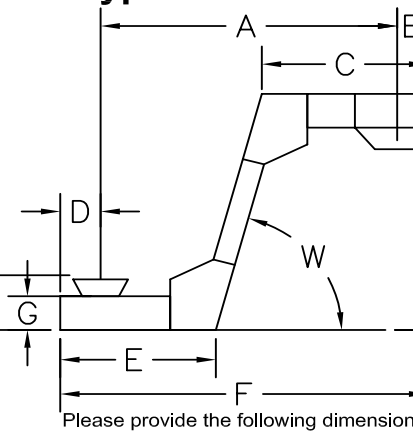
ZA Type



_ZA-type
A=____
B=____
C=____
D=____
E=____
F=____
G=____
H=____
J=____
K=____
L=____
M=____
W=____
Y=____
Z=____

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 dimesions are optional

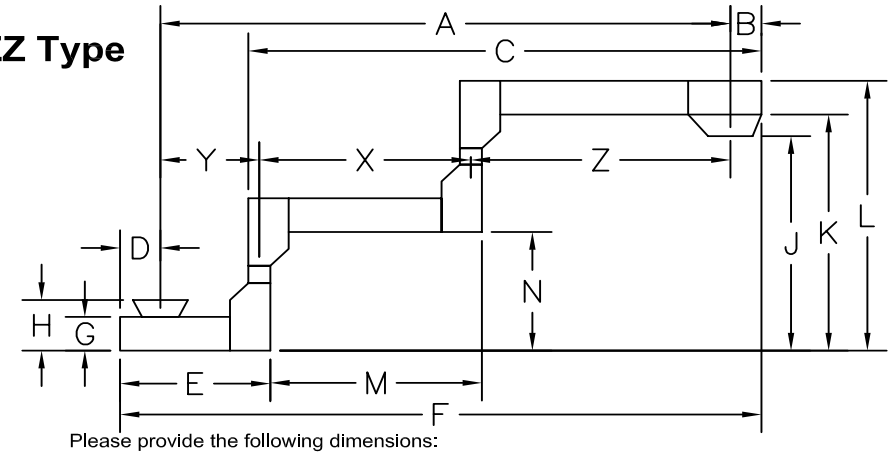
ZB Type



_ZB-type
A=____
B=____
C=____
D=____
E=____
F=____
G=____
H=____
J=____
K=____
L=____
W=____

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



_ZZ-type
A=____ B=____
C=____ D=____
E=____ F=____
G=____ H=____
J=____ K=____
L=____ M=____
N=____ X=____
Y=____ Z=____

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

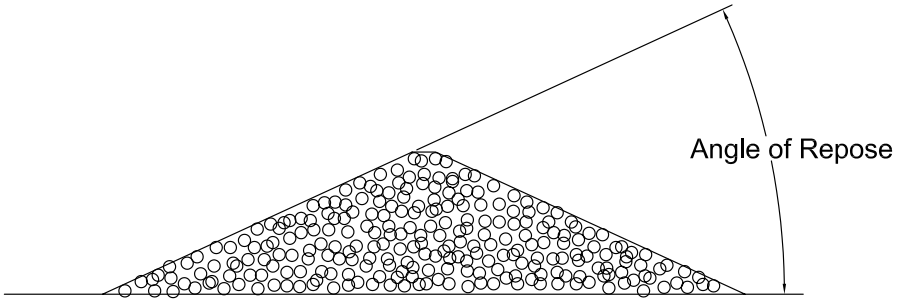
08/2006

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