Bucket Elevator Inquiry Form

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 12; ◯ more than 12
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

NERAK Systems, Inc.
P.O. Box 320
6 Debbie Lane
Cross River, NY 10518, USA

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

Bucket Elevator Inquiry Sketch

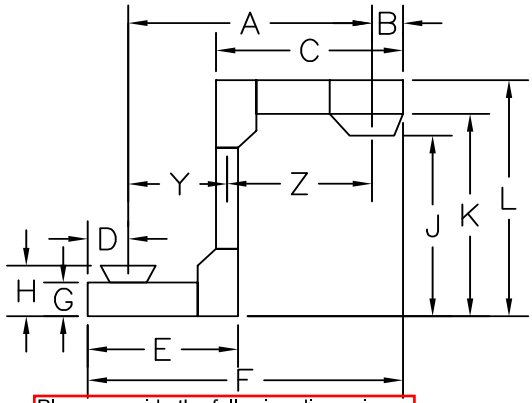
NERAK SYSTEMS

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

Company: _____

Please fill out the dimensional information where appropriate!

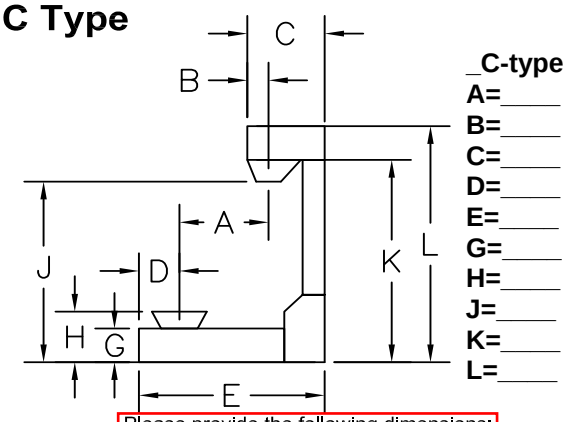
Z Type



_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

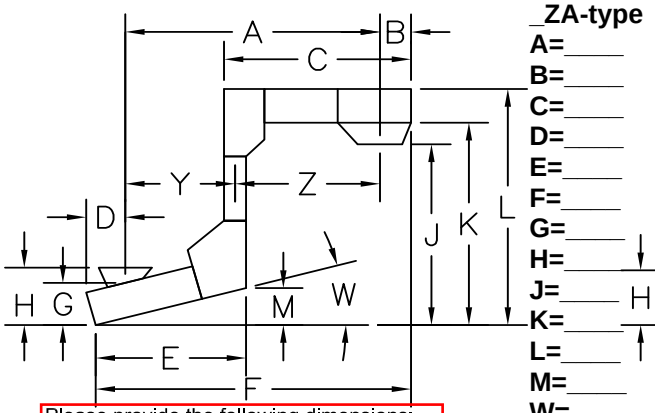
C Type



_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

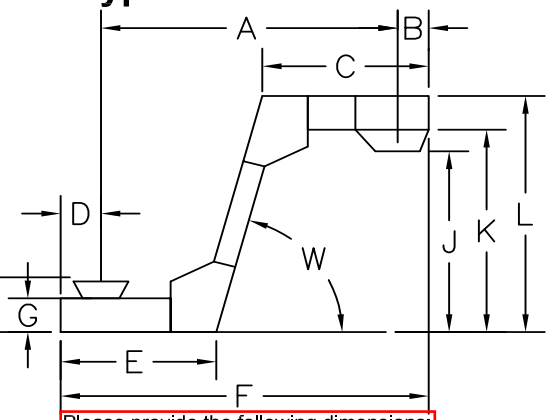
ZA Type



_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

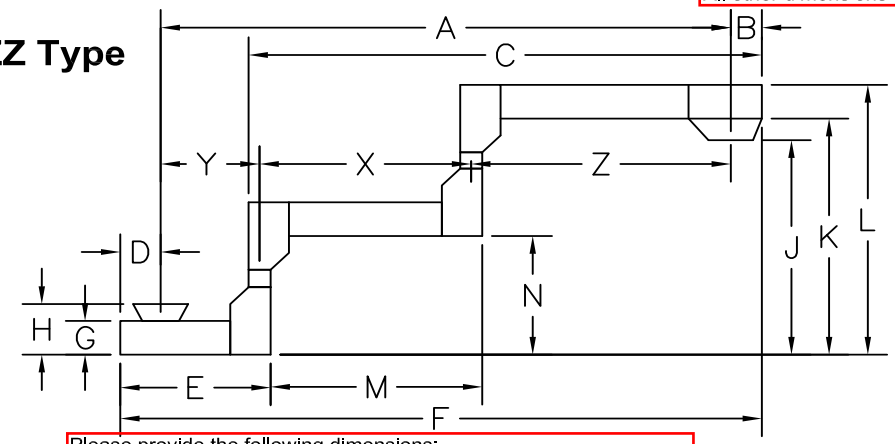
ZB Type



_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

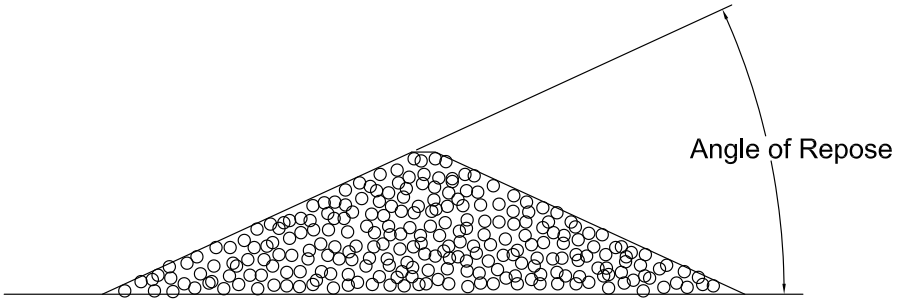
08/2006

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