



## Conveyor Application Form

Company: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

City, State or Province: \_\_\_\_\_

\_\_\_\_\_

Zip Code or Postal Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Project Reference: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Timeframe for:  Project Order \_\_\_\_\_  Quote/Proposal \_\_\_\_\_

Pricing Requirement:  Budget  Firm

What should the conveyor do?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



## Conveyor Application Form

Detailed sequence of operation:

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1. Product being conveyed?

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2. Product temperature range? \_\_\_\_\_ to \_\_\_\_\_ degrees  F or  C or  Ambient

3. Condition of the containers and bottom surface?

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4. Container material contacting the conveyor surface?

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5. Bottom configuration of the container contacting the conveyor surface?

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6. Maximum length of the product (in direction of travel)? \_\_\_\_\_

7. Maximum width of the product? \_\_\_\_\_



## Conveyor Application Form

8. Maximum weight of the product being conveyed? \_\_\_\_\_

9. Maximum total live load (moving weight) on the conveyor? \_\_\_\_\_

10. Configuration and orientation to the direction of travel?

\_\_\_\_\_  
\_\_\_\_\_

11. Environment temperature range? \_\_\_\_\_ to \_\_\_\_\_ degrees  F or  C  
or  Ambient

12. Other environmental factors?

- Oil
- Moisture/Humidity
- Dust
- Abrasive Material
- Other:

\_\_\_\_\_  
\_\_\_\_\_

13. Will accumulation (aggregation of containers) occur on the conveyor?

- Yes  No **(Live Roller and Chain only)**
  - o Zero pressure accumulation (containers don't touch each other) required?  
(start/stop each load)  Yes  No
  - o Is minimum pressure accumulation (containers touch each other, but the driving  
force is minimal) required?  Yes  No

14. Are we to determine the decline angle for the product to flow?  Yes  No  
**(Gravity only)**

o Beginning Elevation: \_\_\_\_\_

o Ending Elevation: \_\_\_\_\_

15. How will the conveyor be loaded?



## Conveyor Application Form

- Shock to the system during loading?     Yes     No
16. How will the conveyor be unloaded?
17. Will the conveyor start/stop under full load?     Yes     No    **(Powered only)**
18. Does the conveyor need to reverse?     Yes     No    **(Powered only)**
19. How many hours per day will the conveyor run?    **(Powered only)** \_\_\_\_\_
20. What is the rate of product per hour?    **(Powered only)** \_\_\_\_\_
21. Belt speed – fpm (feet per minute):    **(Belt only)** \_\_\_\_\_
22. Roller Bearings:     non-precision     semi-precision     precision    **(n/a for CHAIN)**
23. Special Motor needs:    **LEWCO Standard: Baldor / Leeson    (Powered only)**
- Brand \_\_\_\_\_
- Voltage \_\_\_\_\_
- Phase \_\_\_\_\_
- Cycles \_\_\_\_\_
24. Special reducer brand?    **LEWCO Standard: Grove Gear    (Powered only)**
- \_\_\_\_\_
25. Belt or chain recommendation or preference?    **(Powered only)**
26. Special paint **(Safety Blue is Standard)**:     RAL number \_\_\_\_\_
- Sample to be provided?     Yes     No
27. Will sketches be provided?     Yes     No



## Conveyor Application Form

28. Will layout drawings be provided?  Yes  No

Corporate Specifications:

29. Other special requirements:

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### **CONTROLS**    (Powered only)

1. Available power supply: Voltage/Phase/Hertz (Hz)

- 480/3/60
- 240/1/60
- 110/1/60
- Other \_\_\_\_\_

2. Type of controls required:

- At-motor disconnect switch
- o Motor starter:
  - Across the line (fixed speed)
  - Variable frequency drive (variable speed)
  - Manual (basic switch operation)
- Proximity switch
- Limit switch
- Photo eye
- Pneumatic control valves



## Conveyor Application Form

- E-Stop:
  - Remote pushbutton station (mushroom)
  - Pull-cable type
  - Foot switch
- Other special devices:

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- Other special requirements:

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