

## Belt Specification Questionnaire

To assist us in providing you with an accurate and timely quotation for your application, please complete the following questionnaire.

1. Smallest product to be conveyed: \_\_\_\_\_ Acceptable aperture: \_\_\_\_\_
2. Distance centre to centre of drive and tail pulleys or sprockets: \_\_\_\_\_ ft \_\_\_\_\_
3. Present belt type \_\_\_\_\_ Width \_\_\_\_\_ Specification (if wire) \_\_\_\_\_
4. Loading and distribution: lbs/sq ft      Uniform \_\_\_\_\_ Hand positioned \_\_\_\_\_ Chute or other \_\_\_\_\_  
Irregular \_\_\_\_\_ Dumped \_\_\_\_\_ Distance of drop \_\_\_\_\_
5. Physical Characteristics      Solid \_\_\_\_\_ Semi-solid \_\_\_\_\_ Plastic \_\_\_\_\_  
Dry \_\_\_\_\_ Wet \_\_\_\_\_ Cold \_\_\_\_\_ °C      Hot \_\_\_\_\_ °C
6. Speed of belt in mtrs per minute \_\_\_\_\_ Constant Speed \_\_\_\_\_ Reversible \_\_\_\_\_
7. Is conveyor Horizontal? \_\_\_\_\_ Angle \_\_\_\_\_
8. Will flights or cleat be required?      Height \_\_\_\_\_ Length \_\_\_\_\_ Solid \_\_\_\_\_ Open \_\_\_\_\_
9. Type of support:      Load Side:      Table      Skids      Rollers      Self-Supporting  
(please circle)      Return Side:      Table      Skids      Rollers      Self-Supporting
10. Which type of support will interfere least with processing? \_\_\_\_\_
11. Roller Spacing:      What is the smallest diameter, over which the belt travels? \_\_\_\_\_
12. Maximum allowable sprocket or pulley diameter:      Head \_\_\_\_\_ Tail \_\_\_\_\_
13. Will belt be guided? \_\_\_\_\_ How? \_\_\_\_\_
14. Are retaining edges required to keep product on belt? \_\_\_\_\_ Height? \_\_\_\_\_
15. Will belt return be supported? \_\_\_\_\_ Will belt make a reverse bend? \_\_\_\_\_ Radius \_\_\_\_\_
16. Type of take up:      Manual \_\_\_\_\_ Automatic \_\_\_\_\_
17. Drive location and type:      Head \_\_\_\_\_ Friction \_\_\_\_\_ Steel \_\_\_\_\_ Press Roll \_\_\_\_\_ Chain \_\_\_\_\_ Snubbed? \_\_\_\_\_  
Tail \_\_\_\_\_ Rubber lagged \_\_\_\_\_
18. Maximum belt clearance:      Between Faces \_\_\_\_\_ Above Floor \_\_\_\_\_
19. Presence of Acids, Chemicals, Solutions etc. \_\_\_\_\_
20. From your experience, what metal is most resistant to your conditions? \_\_\_\_\_
21. The following is a brief description of the process for which the belt is being designed:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please also forward proposed layout, printout or sketch.

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

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

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

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

## High Temperature Applications

To assist us in providing you with an accurate and timely quotation for your application, please complete the following questionnaire.

1. Product to be conveyed: \_\_\_\_\_ Weight per piece: \_\_\_\_\_ (kg)
2. Dimensions of Part - Minimum: \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_ (mm) **OR**  
 \_\_\_\_\_ Diameter x \_\_\_\_\_ Height (mm)
3. Process: \_\_\_\_\_  
 (What is happening to product?)
4. Is product placed **DIRECTLY** on belt, or loaded on to **TRAYS** and then onto the belt? (please circle).
5. If using trays, please list, Weight of loaded tray: \_\_\_\_\_ kgs  
 Dimensions of tray: \_\_\_\_\_ x \_\_\_\_\_ (mm)
6. Type of support: Load Side: Table Skids Rollers Self-Supporting  
 (please circle) Return Side: Table Skids Rollers Self-Supporting
7. Speed of belt in mtrs per minute \_\_\_\_\_ Constant Speed \_\_\_\_\_ Reversible \_\_\_\_\_
8. Maximum Temp for process: \_\_\_\_\_ °C
9. Location of Drive Roll: Load/Charge end \_\_\_\_\_ Unload/Discharge End: \_\_\_\_\_
10. Diameter of end rolls: Drive Roll \_\_\_\_\_ mm Tail roll \_\_\_\_\_ mm
11. Zone Lengths & Temperatures
- |                |            |      |          |
|----------------|------------|------|----------|
| Load Zone      | _____ mtrs | Temp | _____ °C |
| Pre-Heat Zone  | _____ mtrs | Temp | _____ °C |
| High Heat Zone | _____ mtrs | Temp | _____ °C |
| Cooling Zone   | _____ mtrs | Temp | _____ °C |
12. Atmosphere: \_\_\_\_\_
13. Dew Point: \_\_\_\_\_ °C
14. Specification of Belt now in use: \_\_\_\_\_  
 (if known) If not, please indicate mesh dimension on drawings.
15. Belt Length: \_\_\_\_\_ mtrs
16. Belt Width: \_\_\_\_\_ mm
17. Belt Material: \_\_\_\_\_

Please also forward proposed layout, printout or sketch.

Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone: \_\_\_\_\_