**Metal Detector & Conveyor Questionnaire**

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

City, St, Zip: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ e-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

When do you need a quote? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Product Specifications**

What is the product/package? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Controlled Spacing: \_\_\_ Yes \_\_\_ No

Please list maximum and minimum sizes

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Package** | **A = Length** | **B = Width** | **C = Height** | **spacing between products** | **Frequency (pkgs/min)** | **Weight** | **Temp** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

(length is moving down the belt)

Product images are VERY helpful - can you provide us some? \_\_\_Yes \_\_\_No

Can you provide us images, or video, of the proposed location of the MD? \_\_\_Yes \_\_\_No

**Spacing and Layout Requirements**

Length available for MD conveyor: \_\_\_\_\_\_ Desired Top-of-Belt Height: \_\_\_\_\_\_

Supply Conveyor Belt Width: \_\_\_\_\_\_ Takeaway Conveyor Belt Width: \_\_\_\_\_\_\_

Supply Conveyor Belt Speed: \_\_\_\_\_\_ Takeaway Conveyor Belt Speed: \_\_\_\_\_\_\_

**Performance Expectations**

Ferrous metal size: (mm) \_\_\_\_\_\_

Nonferrous metal size: (mm) \_\_\_\_\_\_

Stainless steel: (mm) \_\_\_\_\_\_

**If metal is detected, what action is required?**

(mark all that are desired)

\_\_\_ Divert product off line

\_\_\_ Stop the conveyor

\_\_\_ Illuminate a light

\_\_\_ Sound an alarm

Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Environment:**

Washdown Environment: \_\_\_\_ Yes \_\_\_\_ No

Dust inside room: \_\_\_\_ Yes \_\_\_\_ No

Temperature Range: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Cleaning Protocol (choose one):**

\_\_\_ None

\_\_\_ Blowdown

\_\_\_ Wet Rag

\_\_\_ Mild Water Pressure

\_\_\_ Heavy-hose or high pressure washdown

Chemicals used: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Available Power (choose all available):**

\_\_\_ 120V/60Hz

\_\_\_ 220V/60Hz 1Ph

\_\_\_ 220V/60Hz 3Ph

\_\_\_ 208V/60Hz 3Ph

\_\_\_ 480V/60Hz 3Ph

**Communication Needed:**

\_\_\_ None

\_\_\_ RS-232 Distance: \_\_\_\_\_\_

\_\_\_ Ethernet 10/100

**Options:**

Castors? \_\_\_\_ Yes \_\_\_\_ No

Guide Rails? \_\_\_\_ Yes \_\_\_\_ No

Additional Comments: