



## Handling Systems Application Questionnaire

Dealer Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Contact Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
End User Name: \_\_\_\_\_  
Date: \_\_\_\_\_

### 1. Workpiece Information

Description of the product(s) being handled

What is the workpiece material?

What are the dimensions of the **main** workpiece to be handled? (Lifter will be sized for this specific workpiece)

**\*\*If multiple sizes are needing to be handled, you must list the dimensions and weights of all of those pieces in section 5 below\*\***

Length \_\_\_\_\_ Width \_\_\_\_\_ Height (Thickness) \_\_\_\_\_

What is the weight of the workpiece?

\_\_\_\_\_ lbs \_\_\_\_\_ kg

What are the characteristics of this material?

Airtight (Non-Porous) Porous

What is the surface quality of this workpiece?

Smooth Rough Textured (ex. Checker Plate)

What is the surface condition of this workpiece?

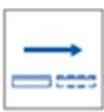
Dry Wet Oily Dusty

### 2. Handling Task

Detailed description of the handling application (please include drawings, pictures, layouts, etc.)

How will the workpiece be handled?

Horizontal to Horizontal



Vertical to Vertical



Tilted up by 90°



Flipped by 180°



Rotated by 90°



Other \_\_\_\_\_

What is the work range of the product (required lifter stroke)?

Lowest Pick/Place Point \_\_\_\_\_

Highest Pick/Place Point \_\_\_\_\_

What is the cycle time of the lifting application?

Number of lifts per hour \_\_\_\_\_

### 3. Overhead Crane Details

Which type of crane system will be used for the lifter?

Freestanding Bridge Crane

Ceiling Mounted Bridge Crane

Freestanding Jib Crane

Wall Mounted Jib Crane

Other \_\_\_\_\_

What size is the work area that needs to be covered?

Length \_\_\_\_\_ Width \_\_\_\_\_ or Radius (Span for Jib Cranes) \_\_\_\_\_

What is the height from the floor to the lowest overhead obstruction?

### 4. Miscellaneous

Which voltage will be used?

3Ph/460V/60Hz

3Ph/230V/60Hz

3Ph/208V/60Hz

Other \_\_\_\_\_

Is Compressed air available?

Yes \_\_\_\_\_ psi

No

Are there any specific regulatory requirements for the lifting system? [EX (ATEX), FDA, Wash-down, etc.]?

Yes \_\_\_\_\_

No

### 5. Workpiece Dimensions & Weights (If needing to lift multiple sizes)

L x W x H

Weight

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

### 6. Sketch/Photos/Drawings

( Please send sketches, photos and/or drawings to your Schmalz Representative via email.)

### 7. Install

Would you like an install quote using a Schmalz preferred service partner?

Yes

No

### 8. Service

Would you be interested in a yearly service quote from Schmalz?

Yes

No