Handling Systems
Application Questionnaire

Company 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