

An engineered design fee of \$75 per hour will be charged to provide a custom engineered design quotation. The design fee will be charged prior to the engineered design quotation being provided. When the order is placed, the design fee charged will be deducted from the order total. If the custom designed quotation requires ½ hour or less of engineering time, the design fee will be waived. To continue with your request for a custom designed quotation, please complete this form and return it via e-mail or fax to your FlexArm contact. The more comprehensive and accurate the information provided directly affects the amount of time required to provide a custom design.

FlexArm Contact: _____ Date: _____

1. DISTRIBUTOR INFORMATION:

Company: _____ Contact: _____ Phone: _____

2. END USER INFORMATION

Company: _____ Contact: _____ Phone: _____

3. APPLICATION INFORMATION:

- Part weight? _____
- Describe the shape and size of the part: (Circle, Square, Rectangle, Tube, Etc.) **Include Dimensions.**

- What material is your part made of? (Steel, Aluminum, Plastic, etc.) _____
- What is the surface finish of the part? (Rough, Smooth, Oily, Wet, Dry, Hot, Cold, etc.) _____

• Working Range?

- Horizontal Distance from PICK UP to SET DOWN location:

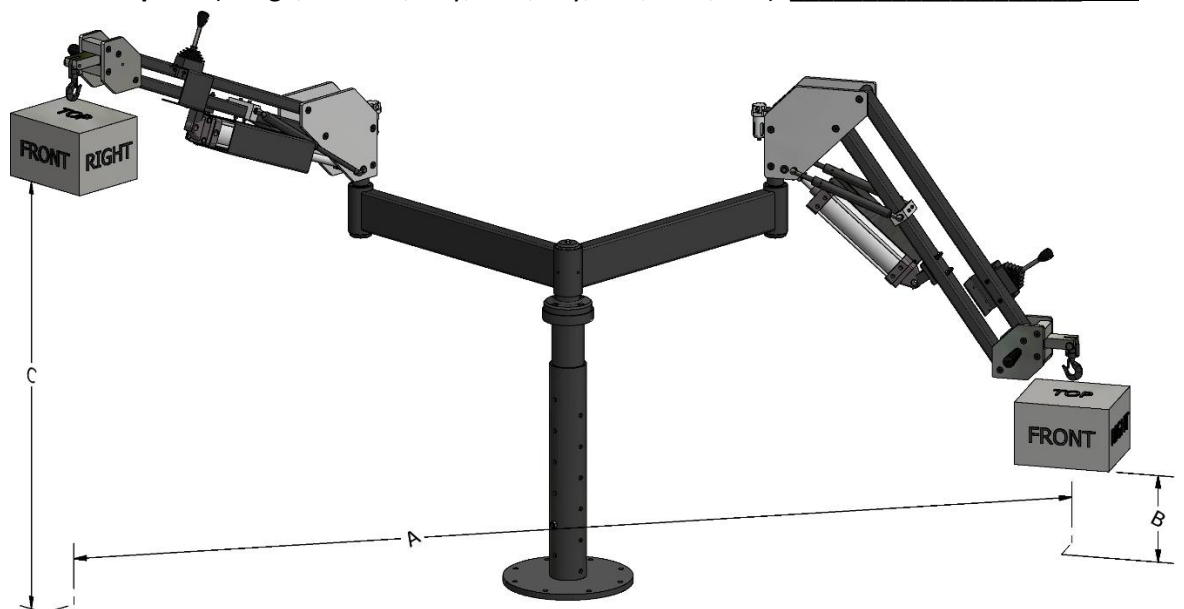
A _____

- PICK UP height:

B _____

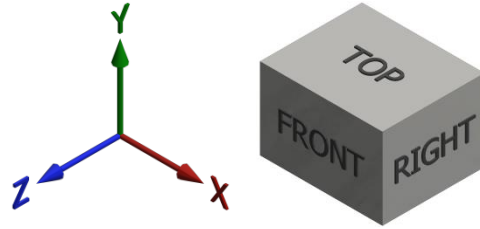
- SET DOWN height:

C _____



4. PART MANIPULATION:

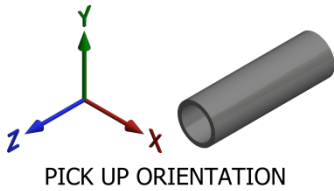
The image at right shows a representation of standard part orientation at pick up. Whatever the application, please consider the image at right as part orientation at pick up.



Please list degrees of rotation desired about each axis.

- X _____ degrees
- Y _____ degrees
- Z _____ degrees

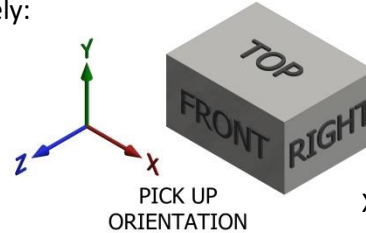
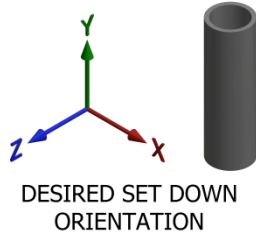
Below are two examples of part orientation completed accurately:



X 90 degrees

Y 0 degrees

Z 0 degrees



X 0 degrees

Y 2nd 90 degrees

Z 1st 90 degrees



5. PART ENGAGEMENT:

- Are there any areas of the part that cannot be contacted by the end effector, if so where? _____
- Is there a location on the part that is recommended as the contact point of the end effector, if so where? _____

6. WORKCELL INFORMATION:

- Are there any obstructions in the work cell that could impede the movement of the Part manipulator, if so where? _____
- Where (location) and to what (floor, table, column) in the work cell will the Part Manipulator be ideally mounted? _____

Please include any additional information (pictures, drawings, video, etc.) when submitting this form. The more information provided and the more complete this form is submitted, the quicker a solution can be quoted.