



# Dixon Loading Arms

*Quality components, efficient design, fast delivery*

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## **Applications:**

- used in the transfer of liquids and dry bulk in refineries, chemical plants, rail terminals, truck terminals, tote and drum filling and food industry

## **Sizes:**

- 2", 3", 4" and more upon request

## **Materials:**

- various materials available including: hardened carbon steel, 316L stainless steel and aluminum
- seals: Buna, EPDM, FKM A and B, PTFE, Baylast and more on request
- counterbalance housing: steel

## **Features:**

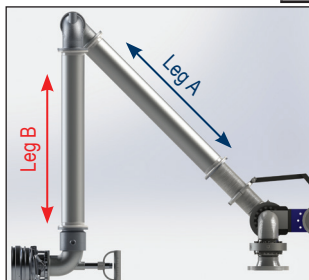
- three options for sealing swivels: O-ring, V-ring and Split Flange
- fast delivery for many sizes and styles
- engineered with easy service in mind
- wide variety of end configurations available
- torsion spring counterbalance:
  - ball screw adjustment mechanism for easy and safe adjustment
  - multiple spring rates available for different load requirements
  - multiple grease ports for ease of service

# Loading Arm Order Guide

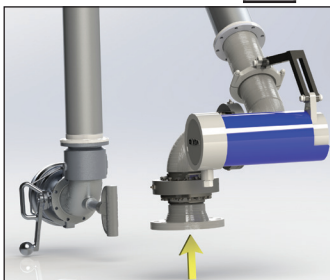
Several custom options are available, consult Dixon Specialty Products at 888.226.4673 for more information.

## Section 1: Configuration(s)

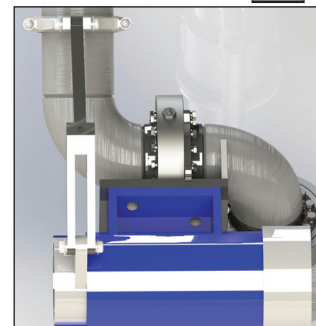
a. A-frame



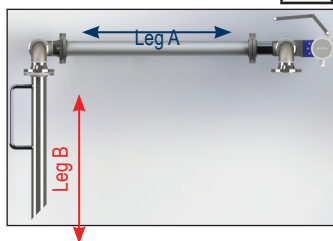
b. Upfeed



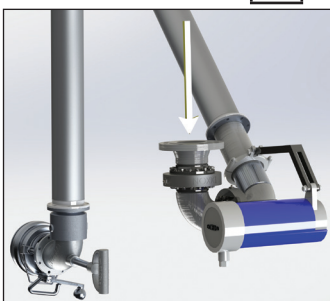
c. Left-hand



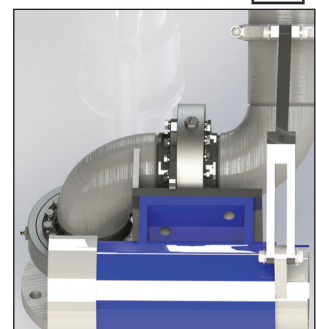
Horizontal (top load)



Downfeed



Right-hand



## Section 2: Component Measurements and Material

(measure from center of swivel to center of swivel to the whole foot, i.e. 48", 60", etc.)

Leg A length: \_\_\_\_\_ Material:  carbon steel  aluminum  stainless steel

Leg B length: \_\_\_\_\_ Material:  carbon steel  aluminum  metal hose  stainless steel

## Section 3: Application Information

a. Customer: \_\_\_\_\_ Contact Name: \_\_\_\_\_ Number: \_\_\_\_\_ Email: \_\_\_\_\_

b. Quantity: \_\_\_\_\_

c. Pipe size:  2"  3"  4"  \_\_\_\_\_"

d. Base swivel:  Split flange style  V-ring style  O-ring style

e. Riser stand pipe connection:  150 ANSI flange  300 ANSI flange  TTMA flange  other \_\_\_\_\_

f. Terminal end connections (optional items for each media):

- |             |                                       |                                      |   |                                      |
|-------------|---------------------------------------|--------------------------------------|---|--------------------------------------|
| 1. Asphalt: | <input type="checkbox"/> 45° pipe cut | <input type="checkbox"/> bucket hook | <input type="checkbox"/> deflector        | <input type="checkbox"/> handle      |
| 2. Fuel:    | <input type="checkbox"/> API coupler  | <input type="checkbox"/> breakaway   | <input type="checkbox"/> flange extension | <input type="checkbox"/> sight glass |
|             | <input type="checkbox"/> D handle     | <input type="checkbox"/> ball handle |   |                                      |

3. Other media: \_\_\_\_\_

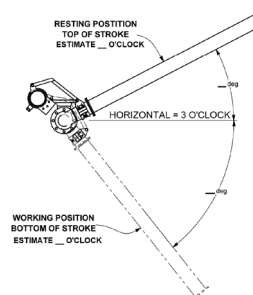
g. Seals (Dixon can recommend based on media):  buna-N  Viton™  PTFE  FKM A&B  EPDM

## Section 4: Site Limitations

a. Ceiling or roof height from riser pipe connection distance: \_\_\_\_\_

b. Additional items (vapor hoses, drip buckets, hold-down chains etc. and estimated weight (pounds): \_\_\_\_\_

c. Range of motion required (list approximat range of motion desired by clock method or degree method): \_\_\_\_\_



## Dixon Specialty Products

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