



Dixon Loading Arms

Quality components, efficient design, fast delivery



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

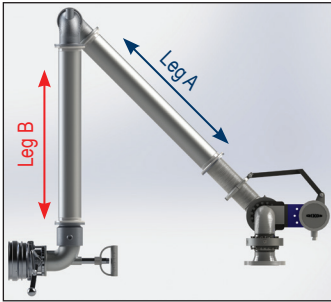
Loading Arm Order Guide

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

Section 1: Configuration(s)

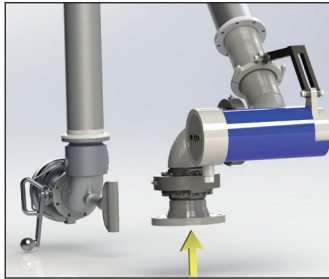
a.

A-frame ☐



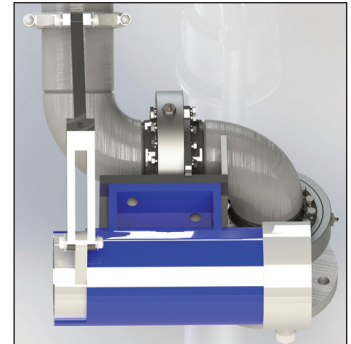
b.

Upfeed ☐

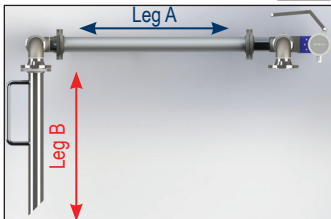


c.

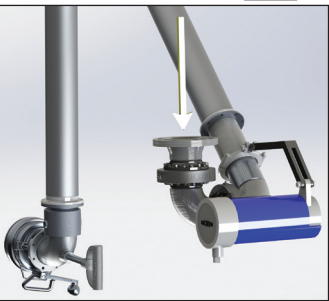
Left-hand ☐



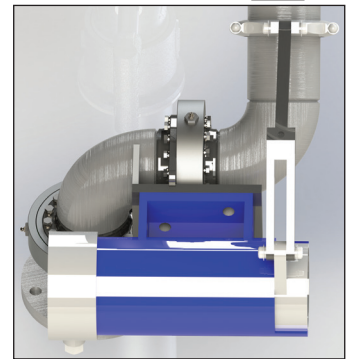
Horizontal (top load) ☐



Downfeed ☐



Right-hand ☐



Section 2: Component Measurements and Material

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: _____
 b. Pipe size: ☐ 2" ☐ 3" ☐ 4" ☐ _____"
 c. Base swivel: ☐ Split flange style ☐ V-ring style ☐ O-ring style
 d. Riser stand pipe connection: ☐ 150 ANSI flange ☐ 300 ANSI flange ☐ TTMA flange ☐ other _____
 e. Terminal end connection: ☐ open flow (45° pipe cut) ☐ API coupler ☐ other _____
 f. Product fluid / media: ☐ fuel ☐ asphalt ☐ other _____
 g. Seals (Dixon can recommend based on media): ☐ buna-N ☐ Viton™ ☐ PTFE ☐ FKM A&B ☐ EPDM

Section 4:

Adjustment instructions to balance the loading arm:
 Turn adjustment nut with a wrench clockwise (tighten) to increase the tension on the loading arm and turn the nut in the opposite (loosen) direction to reduce the tension on the arm.



Sketches / Notes:

connect with us



Dixon Specialty Products

225 Talbot Blvd. • Chestertown, MD 21620
 ph 888.226.4673 • fx 410.778.1958
 dixonvalve.com