

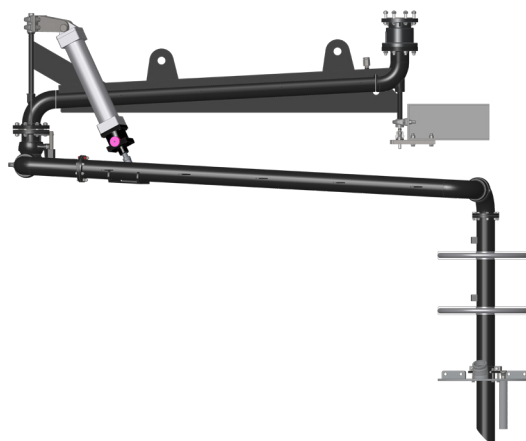
BITUMEN TOP LOADING ARMS

Bitumen is a common loading-arm application for trucks and railcars. Bitumen is generally loaded with a Top loading arm for truck loading applications.

As Bitumen is a very viscous product any transfer equipment must be adequately heated and insulated. Liquip designs and manufactures its bitumen loading arms with this in mind whilst offering customers the flexibility of having Liquip install heat tracing / insulation prior to shipping or the option to source and install this locally.

Liquip Bitumen arms are typically designed with an integral support to accommodate short and long reach applications.

Bitumen loading arms can be designed to meet your applications whilst providing increased efficiency and superior operator safety.



Bitumen Loading Arm

Features and Benefits

- High temperature bearing grease and paint ensures longevity of each loading arm.
- Arms are designed so that heat tracing of the arm can be easily installed on site.
- Allows for fast, safe and efficient bitumen loading.
- Constructed with a heavy duty base swivel to support heavy loads.
- Removes the need for handling of heavy and cumbersome hose.
- Pneumatically operated balance mechanism provides smooth handling over the full operation of the arm.

Technical Information - Bitumen Loading Arm

Bitumen Loading Arm			
Materials	Steel or stainless steel.	Horizontal Reach	Typically 5,000mm .
Design Pressure	Contact Liquip	Mounting	4" (DN100) ASME 150 RF flange.
Test Pressure	Contact Liquip	End connections	Outlet - Open ended Drop Spear.
Flow Rates	Contact Liquip	Counter balance type	Pneumatic air ram.
Temperature limits	Up to +220°C (428°F) Wide range of temperatures available. Contact Liquip.	Primary seal materials	Viton™ (Others on request).
Range of motion	Horizontal 360°, Vertical +15° to -35°.	Dust seal material	Buna Nitrile or HAN (Others on request).
		Gasket material	Klinger (Others on request).

Ordering Information

Loading arm survey forms are available for users to fill out. Survey forms detail all technical requirements for your loading arm needs.

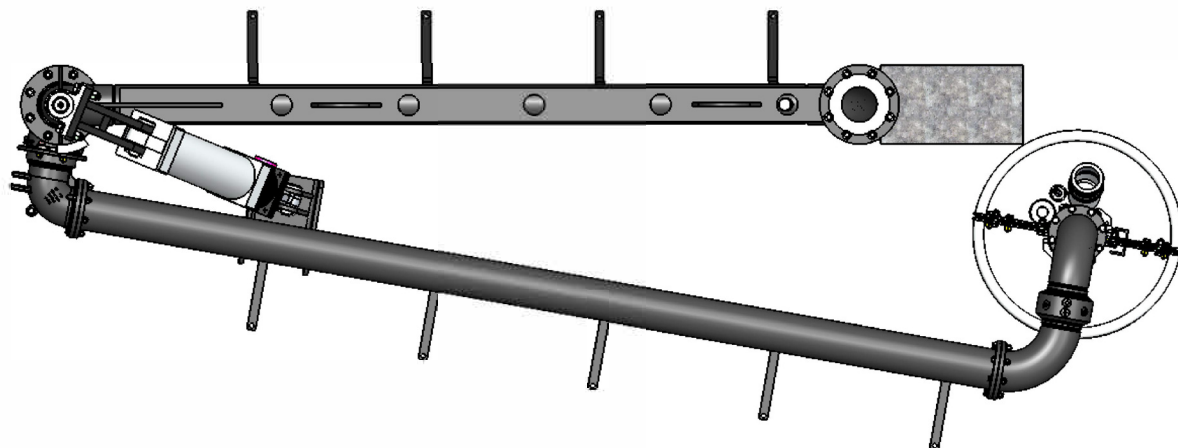
These forms can be downloaded once you login to the liquip website.

Alternatively, you can contact Liquip to receive a loading arm survey form and discuss any specific requirements you may have.

Associated Equipment

Primary arm with base swivel and thrust bearing support	As Required
Balance assembly with pneumatic actuator.	As Required
Secondary spool.	As Required
Intermediate swivel.	As Required
Drop spear.	As Required
Vapour plates.	Optional

BITUMEN LOADING ARM TECHNICAL SPECIFICATIONS



TOP VIEW

