LONG REACH TYPE SUPPORTED BOOM B-LOADER

Specifically designed for those applications where smooth handling and wide working range is required. Especially useful for top loading of railcars or multi-compartment tank trucks.

The boom, supported by a high-quality pillow block, allows for maximum flexibility and smooth operation combined with a significant longer reach. Both boom and primary arm can be folded back against the gantry for convenient, compact storage away from the traffic flow.

Commonly used to handle high flow rates and withstand rough usage in railcar and tank truck loading applications.

Dimensions (standard)*

Boom arm	2500mm
Primary arm	2200mm
Drop tube	1500mm

Design Pressure/Temperature**

Design Temperature	-20 to +100°C
Design Pressure	10 Bar
MAWP	5 Bar

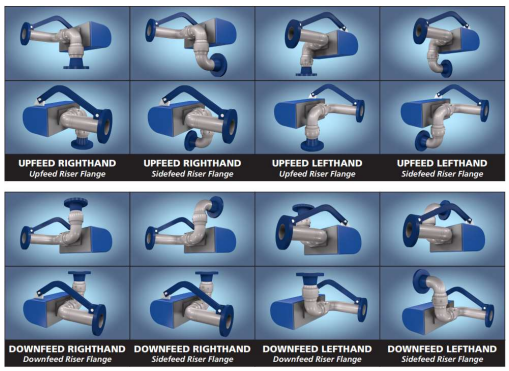
Flow Rate M³/Hr***

Recommended Maximum	2” | dn50 | 60 m³/h
	3” | dn80 | 90 m³/h
	4” | dn100 | 135 m³/h
	6” | dn150 | 300 m³/h

Features and Benefits

- **Ideal** for applications where a wide working envelope is required
- **Easy to handle**, smooth operation
- **Compact** storage when not in use
- **All flanged construction** for ease of maintenance
- **Swivels** equipped with grease nipple
- **Durable** construction
- **Boom arm** can be made with upwards or downwards slope
- **Design** allows for optional vapour recovery cone
- **Pre-balanced** at the factory to minimise installation and commissioning time
- **Standard Materials** of construction Carbon Steel, Ductile Iron, Aluminium
- **Optional Material** 316/316L Stainless Steel
- **Wide range** of swivel seal materials available
- **Loading valve** 6400 Series with integrated vacuum breaker
- **Available in** 2”/dn50, 3”/dn80 , 4”/dn100 and 6”/dn150

Configurations



Additional accessories

Include but are not limited to: drip bucket; t-deflector; lock down device; level detection; position detection; working position locking device, parking lock, automated or manual ball valve, telescopic drop tube, vapour recovery cone, heating and many more, please consult factory for information and availability.

* Other dimensions on request

** Maximum pressure to operate 6400 series loading valve and depending on materials

*** The most effective method of reducing the accumulation of static charges in piping systems is through proper pipe sizing to keep liquid velocities low. A recommended maximum velocity in piping system is 4,5 m/sec. Based on this we give the recommended flow rate.