DOUBLE ARM TOP LOADING ARM V64

In many applications it is not feasible to use a piggy bag style hose for the vapour return line.

The OPW model V64 loading arm consists of a Product loading arm and Vapour return arm combined to operate together as one.

V64F is often used in applications where additional heating by means of steam jacketing or electrical tracing is required. Examples are loading of Asphalt/Bitumen or Liquid Sulphur.

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

Dimensions (standard)*

Boom arm	1500mm
Primary arm	2200mm
Drop tube	1800mm

Design Pressure/Temperature**

Design Temperature	-20 to +80°C
Design Pressure	10 Bar
MAWP	5 Bar

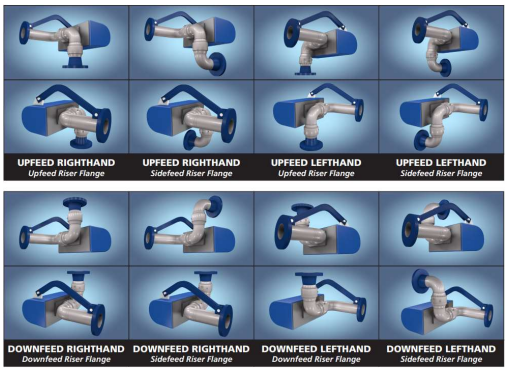
Flow Rate M³/Hr***

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
- **Swivels** equipped with grease nipple
- **Durable** construction
- **Available in** 2” / dn50, 3” / dn80 , 4” / dn100 and 6” / dn150 with
- **Inverted** intermediate swivel and/or inlet orientation to assist self-draining capability available
- **Boom arm** can be made with upwards or downwards slope
- **Materials** of construction Aluminium, Carbon Steel or 316/316L Stainless Steel
- **Wide range** of swivel seal material available
- **Pre-balanced** at the factory to minimise installation and commissioning time installation

Configurations



Additional accessories

Level detection; Position detection; Working position locking device, Parking lock, Automated or manual ball valve, Telescopic Drop tube and many more, please consult factory for information and availability.

* Other dimensions on request

** 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.