

## SCISSOR TYPE TOP LOADING C-ARM

The most popular OPW top loading arm used in many applications worldwide.

This versatile arm is designed specifically for top-loading installations where a variable operating range is required. The secondary arm rotates 360 degrees in the horizontal plane providing a spotting allowance of up to twice its length.

Commonly used to handle high flow rates and to withstand rough usage in tank-truck loading applications. The scissor type arm is also a good choice for railcar loading applications where cars are frequently mis-spotted.



### Dimensions (standard)\*

Primary arm	2200mm   2800mm
Secondary arm	700mm   900mm
Drop tube	1500mm   1750mm

### Design Pressure/Temperature\*\*

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

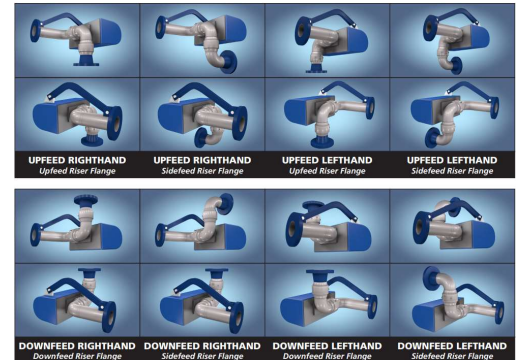
### Flow Rate M<sup>3</sup>/Hr\*\*\*

Recommended Maximum	2"   dn50   60 m <sup>3</sup> /h
	3"   dn80   90 m <sup>3</sup> /h
	4"   dn100   135 m <sup>3</sup> /h

### Features and Benefits

- **Ideal** for applications where variable spotting of the vehicle is common
- **Easy to handle**, smooth operation
- **All flanged construction** for ease of maintenance (available in 3" and above)
- **Swivels** equipped with grease nipple
- **Durable** construction
- **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 or 4" / dn100

### 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.