

## "A" FRAME LOADER M-TYPE

The "A" Frame Loader is a popular loading-arm configuration due to its flexibility, long reach and convenience of use. Commonly used for tank-truck bottom loading, "A" Frame arms can also be used in top-loading/unloading installations. Inlet flange and seamless piping are suitable for handling liquefied petroleum gases, including propane and butane.



### Dimensions (standard)\*

Boom arm	1500mm
Primary arm	1500mm

### Design Pressure/Temperature\*\*

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

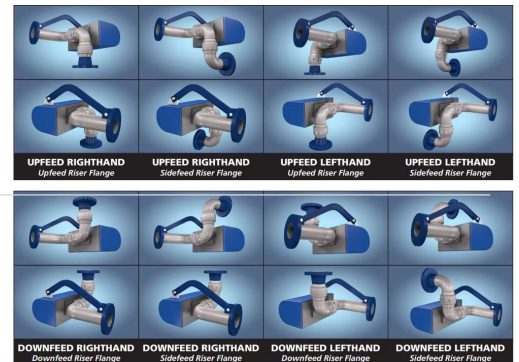
### Flow Rate M<sup>3</sup>/Hr\*\*\*

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

### Features and Benefits

- Available in 4"
- Available in Carbon-Steel, Stainless-Steel and Aluminium
- Adjusts for elevation/tilting during loading/unloading
- Stores in upright, near-vertical position
- Compact storage envelope allows closer installation proximity
- Low riser mounting heights
- Equipped with dry-disconnect coupling, union or other tight-fill inlet
- Choice of flanged, threaded or all-welded construction
- LPG service arms (LPG-32-F) feature all-welded construction
- Fully customizable
- Easy to operate/manoeuvre
- Eliminates cumbersome hose
- Easily stored away from vehicles
- Multiple product applications, it can be mounted close to another arm
- Safe storage to provide for safe clearance of vehicles
- Crossover can easily be achieved
- Design standard API RP1004, EN13922

### Configurations



\* Other dimensions on request

\*\* Maximum pressure to operate 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.