

Marine Loading Arms

Minerva

General Information:

The Minerva Marine Loading Arm transfers liquid or gaseous products to and from ocean going or inland waterway tankers. This loading arm features a self-bearing construction which is placed in balance through a cable pantograph system with 2 separate counterweights.

Features:

- Model 3-2ST Swivel Joint
- Product pipe in carbon steel or stainless steel
- Overdimensioned swivel joint design to support the forces acting on the loading arm
- Two separate counterweights balance both the inboard and outboard arm through a pantograph system
- Low maintenance, lightweight cable pantograph system
- Easy exchange of seals without the need of dismantling the loading equipment and without auxiliary equipment
- Effortless manual operation
- Bridging of large operating range
- Limited dead weight
- Mechanical locking of the arm in resting position
- Suitable for when space is limited
- Suitable for chemically aggressive products
- High and low temperature application
- High and low pressure application
- Dimensions: 6" – 10" (DN150 – DN250)

Options:

- Hydraulic operation
- Manual/hydraulic QCDC (Quick Connect-Disconnect Coupler)
- Manual/hydraulic shut off valve
- Insulation flange
- Vacuum breaker
- Purge/drain
- ERC (Emergency Release Coupler)
- Piggyback vapour return line
- Model 4-2ST Swivel Joint
- Tracing and/or insulation

