Hose Loading Arms & Multi Product Hose Towers The economic alternative for loading arms

What is a Hose Loading Arm:

A hose loading arm system consist of single swivel/composite hose combination fitted on single baseframe with winch or as multiple units installed on a steel tower structure becoming a so called hose tower.

The hose is manoeuvred by lowering-lifting the main boom with hose by means of a winch system. The sliding beam with winch and/or the knuckle boom crane can additionally be used to bring the hose flange into the right position towards the ships manifold.

Main Characteristics:

- · Hose Loading arms require less space on the jetty deck, so you can install more units at the same area
- You can load and unload different products at the same time



Main Benefits:

- Compact
- · You can load and unload different products at the same time
- High Output
- The vessel needs less time in port so a better occupancy of the vessel and jetty
- Reliability
- Safety
- · Easy to use
- Lower price
- · Requires less maintenance



BUITENDIJK TECHNIEK



Design Construction and Installation of hose loading arms and Hosetowers: All our products are custom designed and custom build based on customer's requirements. As a system integrator we are able to design, deliver and install the complete Hose Tower System as a Turn-Key Project (EPC)

Hosetowers general:

- Diameters 3" to 12"
- Pressures classes; 150#; 300#, PN16/PN 40
- Arms made off carbon steel or stainless steel
- Hose: composite PTFE lined rubber
- Connection: flanged ANSI/DIN
- Swivel joint seals: PTFE, Viton or EPDM
- Winches; hydraulic, pneumatic or Electrical driven
- Emergency break away couplers
- Quick connect and Quick Disconnect systems (QC/DC)
- Sliding beams
- Knuckle boom crane
- Operation: fixed control panel and or radio graphic remote control. and/or operator cabins
- Control system integrated with other systems on the jetty
- Tower structure combined with access gangway systems
- Explosion proof according ATEX, IECex or NEC
- Working conditions form tropical to artic











We also provide comprehensive, customer support including spare parts, servicing, installation, commissioning, repair and rebuild, preventive maintenance, retrofits and upgrades.





