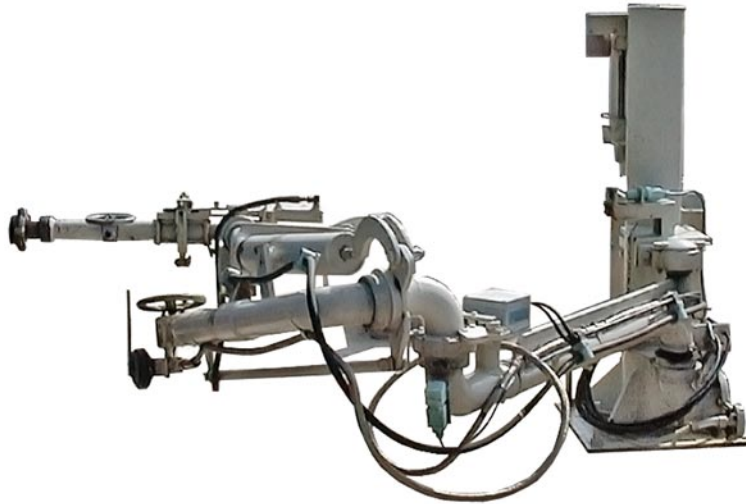


PARALLEL BAR | WITH 6 SWIVEL JOINTS AND GAS SPRING**FEATURES**

- * Safe loading from ground level
- * Flexible and ease of handling
- * Long reach
- * Arm stays where you leave it – optimally balanced
- * Tanker connection end is always horizontal
- * Arm will not slew unless moved by the operator. 6th swivel neutralises centre of gravity influences
- * Suitable for high weight connections and additional components like ball valve, emergency release unit, special couplings, etc.
- * Low pressure drop

The standard configuration bottom loading and unloading arm with 5 swivels has been a dependable, safe and clean method for tanker fill/discharge for many years. Experience has shown that if the tanker connection arm ("B"-length) is fitted with high weight components such as a ball valve or breakaway coupling, the arm can be difficult to manoeuvre and handle. To prevent this and ensure that tanker loading is a one-man operation, EMCO WHEATON has designed a six swivels arm design as shown above.

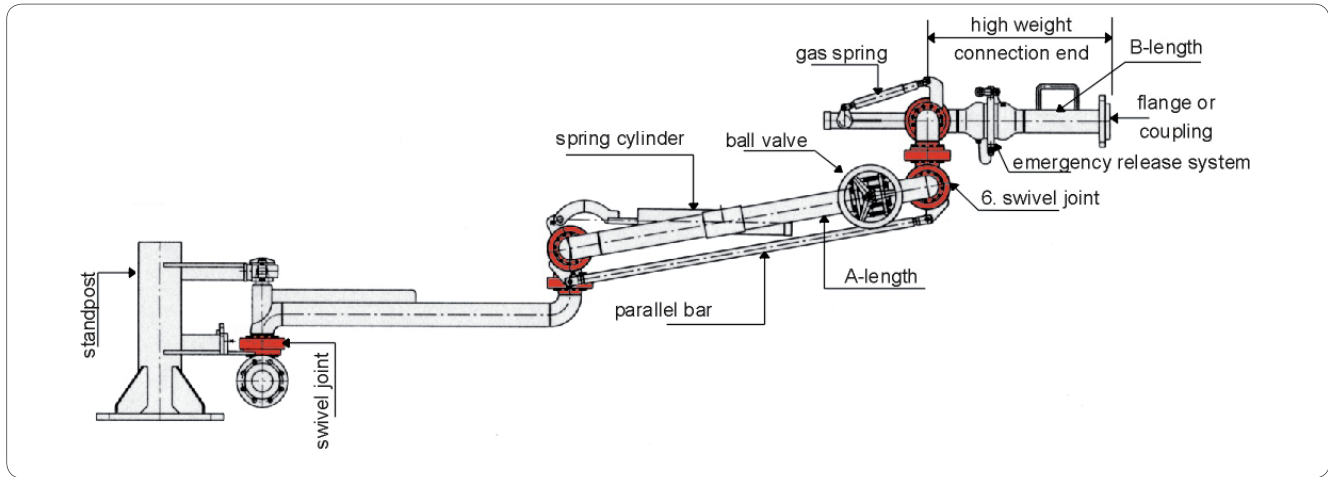
The arm is fitted with six swivels for complete 3-axis movement of the tanker connection allowing for tanker height changes during filling/discharge.

The arm is additionally fitted with a Parallel Bar which holds the tanker connection arm ("B"-length) horizontal irrespective of the primary arm ("A"-length) position. This makes tanker connection and disconnection much easier. The B-length also has a gas spring fitted to allow the operator to raise and lower the B-length with total ease.

This design also allows for a number of accessories to be fitted to the arm (purge, vent lines, actuated valves, piggy-back hoses) without creating handling problems.

PARALLEL BAR

PARALLEL BAR WITH 6 SWIVEL JOINTS AND GAS SPRING



We now have an impressive list of satisfied customers using this style of arm.

The configuration of arm-balance method, drain to/from tanker, inlet flange orientation, etc - can be designed to meet exact customer requirements and site constraints. Additionally the arm can be jacketed/traced and insulated.

We can also design these systems so that you can have up to four loading arms mounted on a single standpost, for greater versatility of a loading position and flexibility of use.

MATERIALS AND TECHNICAL DATA

Materials of product carrying parts

Swivel joint seals

Sizes

Balancing method

Design pressure

Design temperature

Accessories

Carbon steel or stainless steel, internal lining possible

Buna, Viton, PTFE – others upon request

DN 50, 80, 100

Spring cylinder

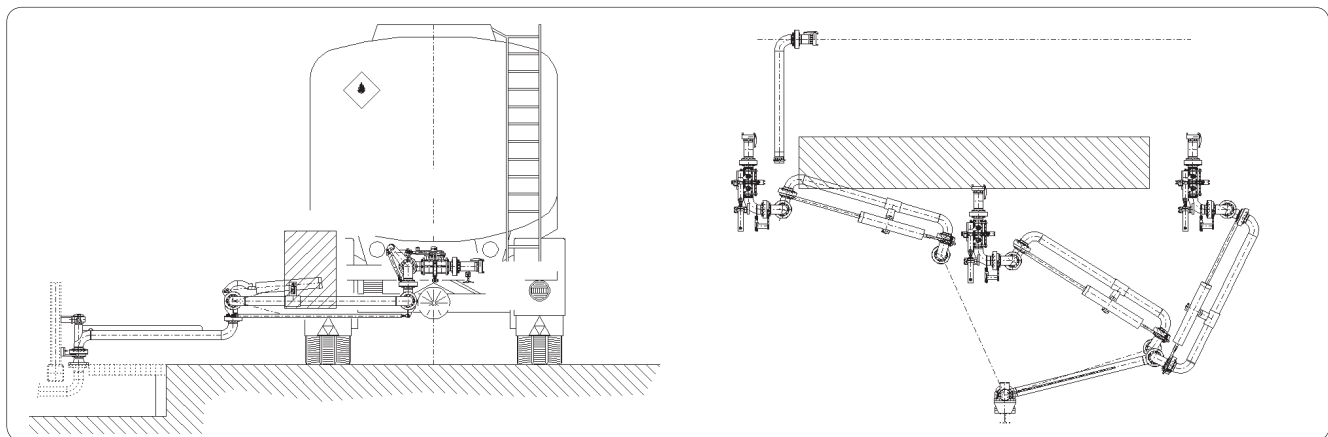
max. 40 bar

-45 °C to +300 °C

Emergency release system, relief line and purge line, flange connection detection system

Please advise with your inquiry the exact product specification!

ENVELOPE DRAWING



EMCOWHEATON

A Gardner Denver Product

Better by Design



EMCO WHEATON GmbH
Emcostraße 2-4 · 35274 Kirchhain · Germany
Phone +49 6422 84-0 · Fax +49 6422 5100
www.emcowheaton.com · info-de@emcowheaton.com