

Bottom Loader Pantograph



Refueling of tank trucks with bottom loading connection

- The Cla-Val PANTOGRAPH Model "Bottom Loader" is designed for bottom loading of all refueling trucks without the necessity of using hoses.

DESCRIPTION

The Pantograph is used for bottom loading of refueling trucks. In conjunction with a Cla-Val Control Valve, Cla-Val Nozzle, with the capability to fill refueling units at flow rates up to 600 GPM. Pantograph consists of several sections, which are connected to each other by CLA-VAL Flanged Swivel Joints. The dispensing end consists of a swivel joint/pipe combination, which is counterbalanced by an adjustable spring device, it can be coupled to a tank truck with heights adjustable from of 1 ft. (0,3 m) 4 ft (1,2 m) above street level. In the stored position the Pantograph is retracted in order to save space.

The design of CLA-VAL Pantographs is a modular system.
Variations to the standard design are possible.

SPECIFICATION

Diameter: 3"(DN 80), 4"(DN 100), 6"(DN 150)
 Pressure class: PN 10, 125 lbs
 Pipe material: Stainless steel,
 Total length: 9' (3,0 m)

MATERIAL

Stainless steel

EQUIPMENT

Combination of Flanged Swivel Joints type C-GE-3F, 3"(DN80), 3 bearings, double sealed, made of stainless steel, non-lubricated and maintenance free, Type C-GE-3F/M, 4 bearings, double sealed, made of stainless steel, non-lubricated.
 3 -year leakage free warranty,
 - Cla-Val Refueling Nozzle
 - Counterbalance unit
 - Locking device