

Distributor

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CLAMP-CLAD

TROLLEY

1.1. Equipment description

The CLAMP-CLAD is a lift trolley with grippers that facilitates both transport and refueling operations with the hydrant coupler. Preventing the operator from charging with the weight of the hydrant coupler during supply processes.

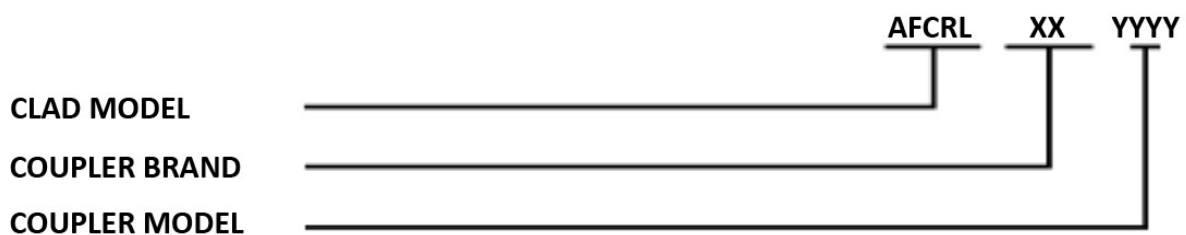
Its main advantage is that, thanks to its pneumatic clamp system, it allows the elevator to be separated from the hydrant coupler when it is supplying. It is only hooked by the hose with a holder allowing its free movement in case of impact, as specified by the EI 1576 standard. Once the supply is complete, the lifting arm is pneumatically operated by picking up the hydrant coupler and leaving it ready again for transport.



Figure 1-1. CLAMP-CLAD, supply position

Model Variations.

Our intention when we designed the CLAMP-CLAD is design one model compatible with the different couplings on the market. That is the reason why we design some adaptors kits that have to be installed in the handle of the coupler. The model is AFCRL and the reference with the variations is AFCRLXXYYYY. An explanation of these variations is shown below:



1.2. Main features

The CLAMP-CLAD is designed to optimize transport and supply operations, regardless of which hydrant coupler model is used.



Figure 1-2. CLAMP-CLAD General view

Its main features are:

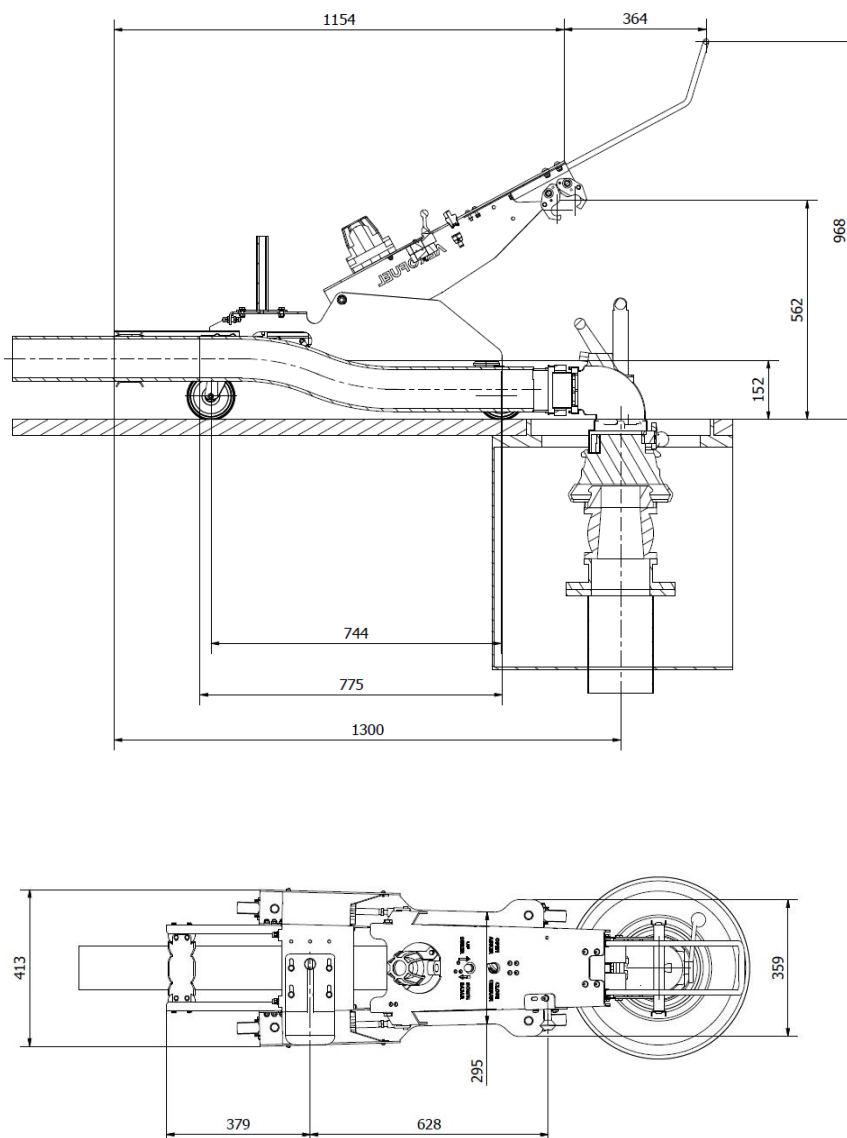
- Body manufactured in stainless-steel and the lifting arm in aluminium.
- Pneumatically operated lift arm to aid the loading and unloading of the hydrant coupler.
- The pneumatic clamp system allows to unhook the hydrant coupler and supply independently of the CLAMP-CLAD.
- Pneumatic operating controls easily accessible for lifting arm and grippers actuation, depending on operator necessities.
- Hooking elements that allow the CLAMP-CLAD to be coupled in a vehicle.
- Integral hydrant pit flag holder.
- Retractable handle for easy transport.
- Option to incorporate an ATEX signaling light.

- Coupling pack CLAMP-CLAD, for the adaptation of your specific hydrant coupler model to the CLAMP-CLAD system. Check availability for your hydrant coupler model.

The CLAMP-CLAD is approved by the main hydrant coupler suppliers on the market, such as MEGGITT, EATON CARTER or CLA-VAL.

The equipment complies with Energy Institute 1576 Hydrant pit coupler lift assist device testing protocol specifications.

1.3. General measures



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