



Liquid Transfer Srl

FOLDING STAIRS

Series 3700

Technical specifications

DOC: 3700_01_EN REV: 01-09/2017



The Silea Liquid Transfer 3700 serie Folding Stair is designed to allow access from the platform to the manholes of tank trucks and rail-wagons. The stairs automatically adjust to the height of the tank and can be designed with 3, 4 or 5 steps, with or without safety cage.

Technical features

Design temperature	-25°C / +65°C
Construction material	Carbon steel

Standard configuration

- **Rest position lock device:** avoids that the stair accidentally opens. The unlock is actuated by pedal
- **Non-slip steps and self-levelling grill**
- **Anti-shearing safety system:** steps are built in two parts, one fixed and one moveable with anti-cutting function
- **Balance with compression spring cylinder**
- **Shock absorbent handrail Control** that follows the stair
- **Rubber protection on the lower part** : avoids direct contact with the tank

Standards and Regulations

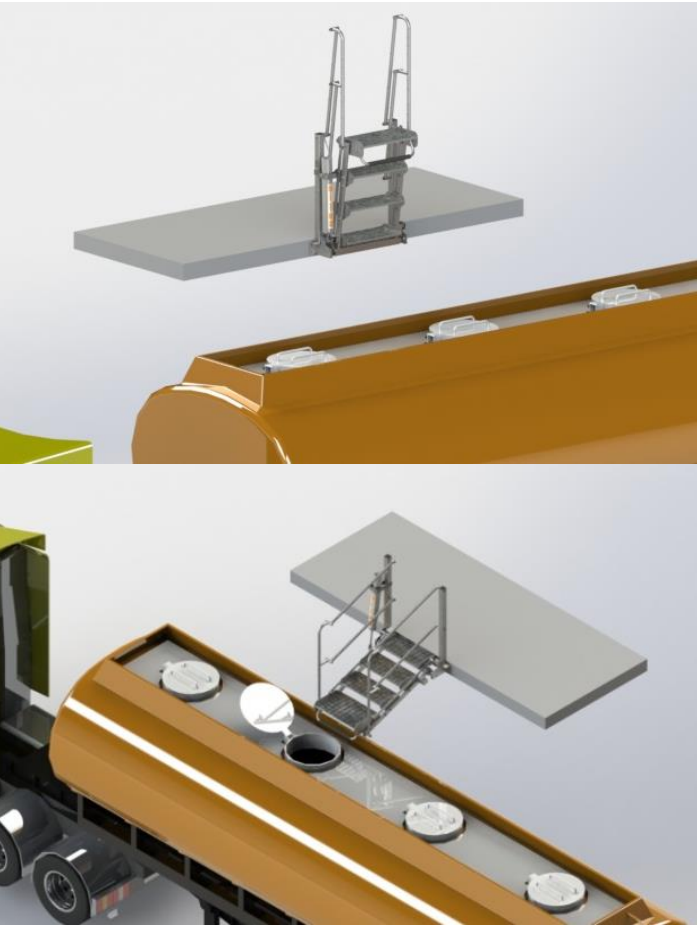
- Conformity Declaration of current Directive **ATEX** for Equipment used in Potentially explosive atmospheres
- Conformity Declaration of current Directive **MACHINERY**
- Customs Declaration of certification for Russia, Kazakhstan, Belarus, **EAC certification**.



The Folding stair is built with tubular structure and hot galvanized metal profiles. As optional, can be provided with safety cage and pneumatic actuation.

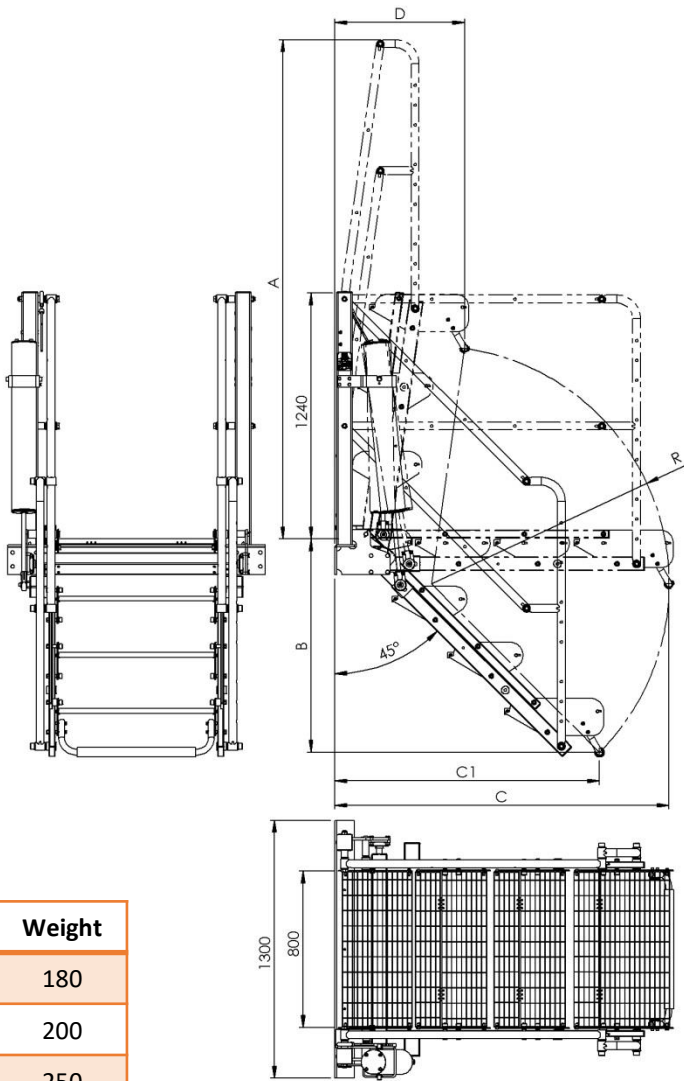
Options

- Pneumatic handling



Accessories:

- Safety cage 1400x1400
- Safety cage 1400x2800
- Park micro-switch Ex-d II 2 GD
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- Sliding stairs on a railway



Dimensions and weights

Steps	A	B	C	C1	D	R	Weight
3	2120	780	1280	1050	660	800	180
4	2520	1060	1680	1330	740	1200	200
5	2520	1350	2080	1610	780	1600	250

Dimensions are in mm and weights in kg.

Standard documentation

- Declaration of conformity to regulations
- Declaration of material conformities and functional test (CCC)
- Operation and maintenance manual (MUM)