

# DATA SHEET

## TERRA LOADING STATION



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Project \_\_\_\_\_  
Project location \_\_\_\_\_  
Applicable regulations \_\_\_\_\_  
Number of loading arms / stations \_\_\_\_\_

### PRODUCT DATA

- Product \_\_\_\_\_
- Operating temperature Min. \_\_\_\_\_ (°C) Max. \_\_\_\_\_ (°C)
- Operating pressure \_\_\_\_\_ (bar)
- Design pressure \_\_\_\_\_ (bar)
- Flow rate \_\_\_\_\_ (m<sup>3</sup>/h)
- Vapor return line
  - Hard piped
  - Hose

### BALANCING

- Counterweight
- Spring-actuated cylinder

### OPERATION

- Pneumatic
- Hydraulic

### HEATING / INSULATION

- Water / steam
- Oil
- Electric
- Explosion proof
- Double jacket
- Tracing pipe
- Insulation

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## TERRA LOADING STATION

### MATERIAL

- Carbon steel
- Stainless steel
- Low temperature steel
- PTFE lined
  - Electric conductive

### CORROSION PROTECTION

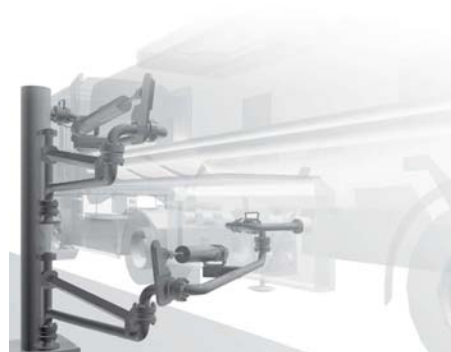
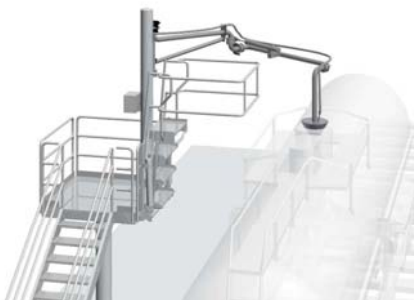
- Primer only
- Three-layer painting system RAL
- Pickling / passivating of stainless steel

### CONNECTION TO PLANT

- |  |   |
|--|---|
| <input type="checkbox"/> Flange product line | <input type="checkbox"/> Flange vapor return line |
| DN _____                                     | DN _____  |
| PN _____                                     | PN _____  |
| EN _____                                     | EN _____  |
| ANSI _____                                   | ANSI _____  |

### FITTINGS

- Ball valve
  - Nominal diameter \_\_\_\_\_
  - Manual
  - Operated
- Vacuum breaker



### TOP LOADING

- Loading
- Road tanker
- Container
- Rail tanker

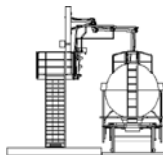
### BOTTOM LOADING

- Loading
- Unloading
- Road tanker
- Container
- Rail tanker

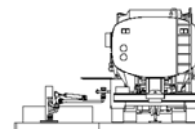
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## TERRA LOADING STATION

### TOP LOADING



### BOTTOM LOADING



### CONNECTION TO TANKER

- Nominal diameter \_\_\_\_\_
- Flange
  - DN \_\_\_\_\_
  - PN \_\_\_\_\_
  - EN \_\_\_\_\_
  - ANSI \_\_\_\_\_
- Coupler \_\_\_\_\_
- Open dome
  - Min. Ø \_\_\_\_\_ (mm) Max. Ø \_\_\_\_\_ (mm)
- Cone
  - Coating \_\_\_\_\_
- Free outlet
- Telescope drop pipe
  - Manual
  - Pneumatic
  - Bottom contact signal

- Nominal diameter \_\_\_\_\_
- Flange
  - DN \_\_\_\_\_
  - PN \_\_\_\_\_
  - EN \_\_\_\_\_
  - ANSI \_\_\_\_\_
- Coupler \_\_\_\_\_
- Contact bar

### ACCESSORIES

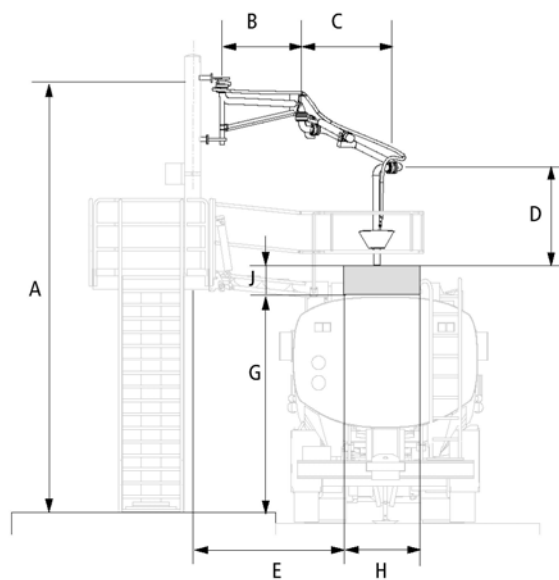
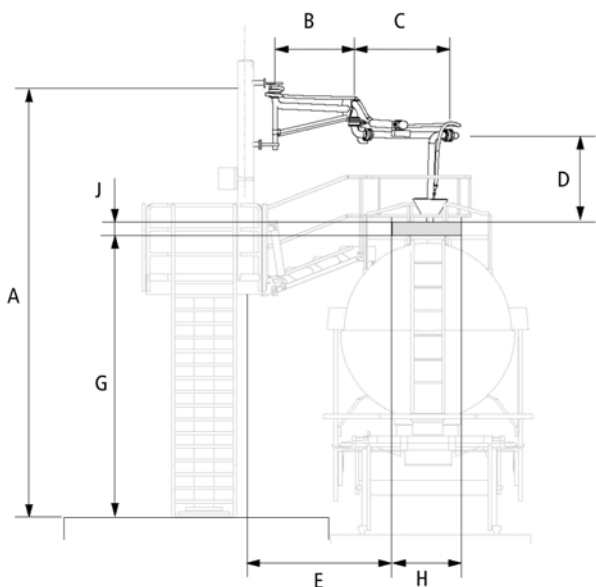
- Bucket hook
- Handle
- Rest position lock
  - Rest position signal
- Drain line DN \_\_\_\_\_
- Purge line DN \_\_\_\_\_
- Emergency release coupler
- Flange connection signal
- Pressed onto (cone only)
  - Pneumatic
  - Hydraulic
- Overfill cutoff

- Bucket hook
- Handle
- Rest position lock
  - Rest position signal
- Drain line DN \_\_\_\_\_
- Purge line DN \_\_\_\_\_
- Emergency release coupler
- Flange connection signal

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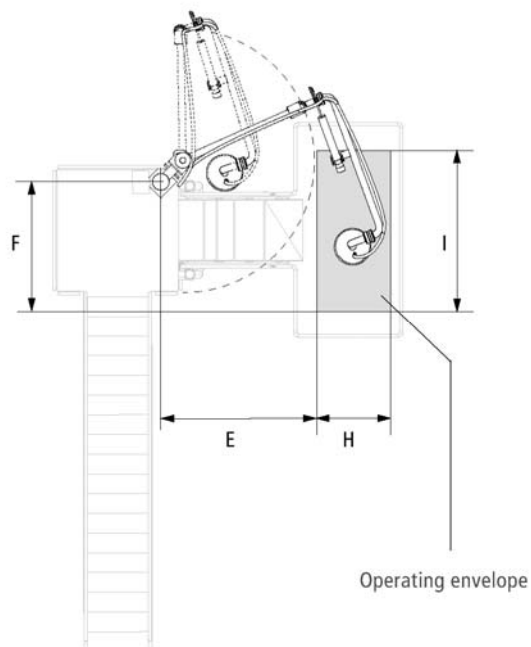
## TERRA LOADING STATION

### TOP LOADING



Loading Arm			
A	Distance between ground and connection of the loading arm		m
B	Loading arm length		m
C	Loading arm length		m
D	Loading arm length		m

Connection Operating Envelope			
E	Distance from the middle of standpost to beginning length (H) of the operating envelope		m
F	Distance from the middle of standpost to beginning width (I) of the operating envelope		m
G	Distance between ground and the beginning height (J) of the operating envelope		m
H	Operating envelope (maximum length)		m
I	Operating envelope (maximum width)		m
J	Operating envelope (maximum height)		m

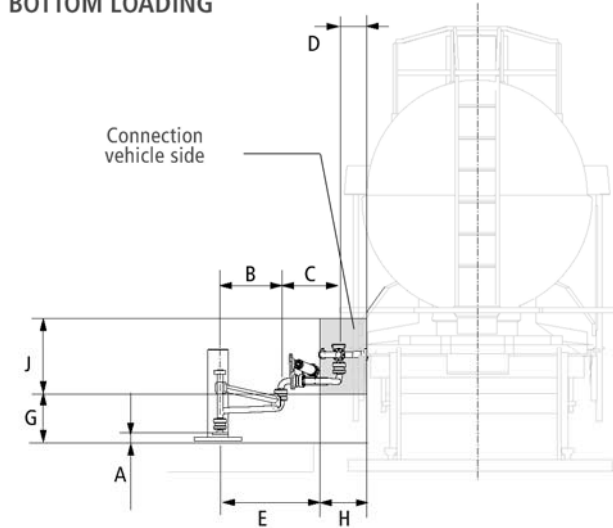


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## TERRA LOADING STATION

### BOTTOM LOADING



#### Loading Arm

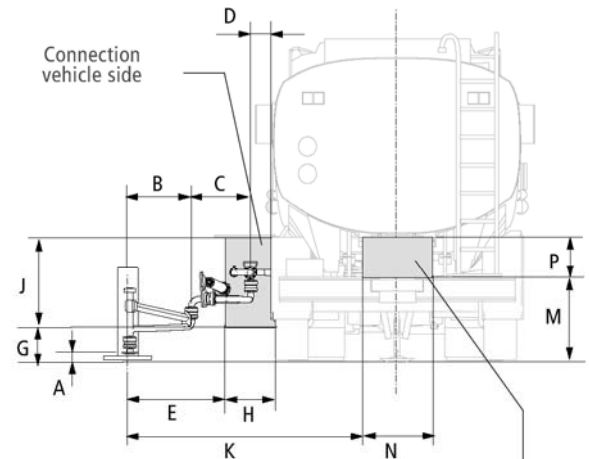
A	Distance between ground and connection of the loading arm	m
B	Loading arm length	m
C	Loading arm length	m
D	Loading arm length	m

#### Connection Vehicle Side

E	Distance from the middle of standpost to beginning length (H) of the operating envelope	m
F	Distance from the middle of standpost to beginning width (I) of the operating envelope	m
G	Distance between ground and the beginning height (J) of the operating envelope	m
H	Operating envelope (maximum length)	m
I	Operating envelope (maximum width)	m
J	Operating envelope (maximum height)	m

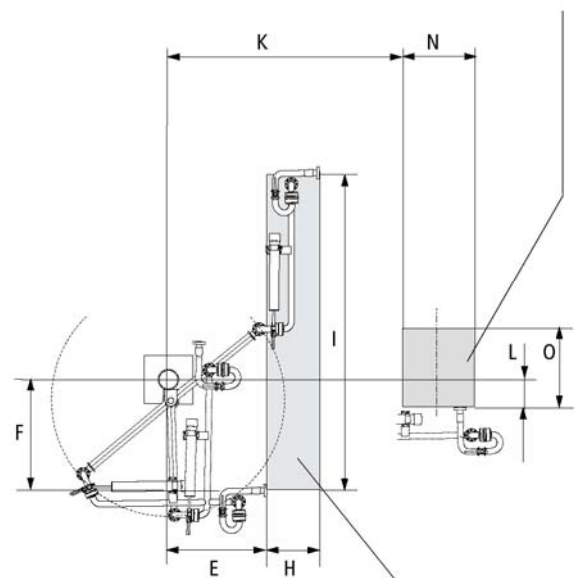
#### Connection Vehicle Rear (alternative)

K	Distance from the middle of standpost to beginning length (N) of the operating envelope	m
L	Distance from the middle of standpost to beginning width (O) of the operating envelope	m
M	Distance between ground and the beginning height (P) of the operating envelope	m
N	Operating envelope (maximum length)	m
O	Operating envelope (maximum width)	m
P	Operating envelope (maximum height)	m



Connection vehicle rear (alternative)

Connection vehicle rear (alternative)



Connection vehicle side



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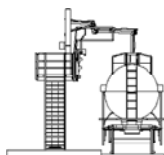
## TERRA LOADING STATION

### STEEL CONSTRUCTION

(LOADING STATION - OPTIONAL)

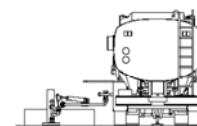
- Steel construction not required

#### TOP LOADING



- Standpost
- Wall console
- Clamping console
- Folding stair
- Manual
  - Pneumatic
- Safety cage
- At the folding stair
  - Separate
- Dimensions \_\_\_\_\_
- Loading platform
- Height \_\_\_\_\_ (m)

#### BOTTOM LOADING



- Standpost
- Wall console
- Clamping console

### CORROSION PROTECTION - STEEL CONSTRUCTION

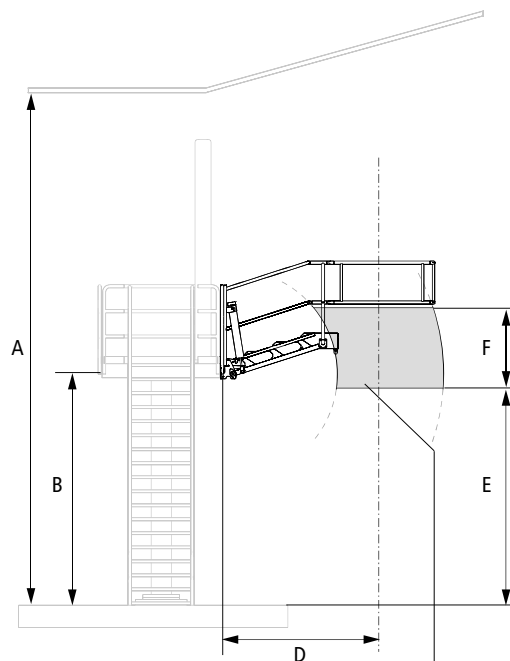
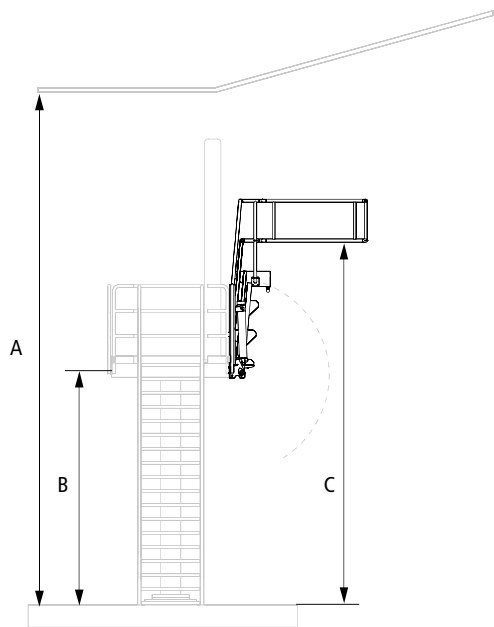
- Primer only
- Three-layer painting system RAL \_\_\_\_\_
- Hot dip galvanization

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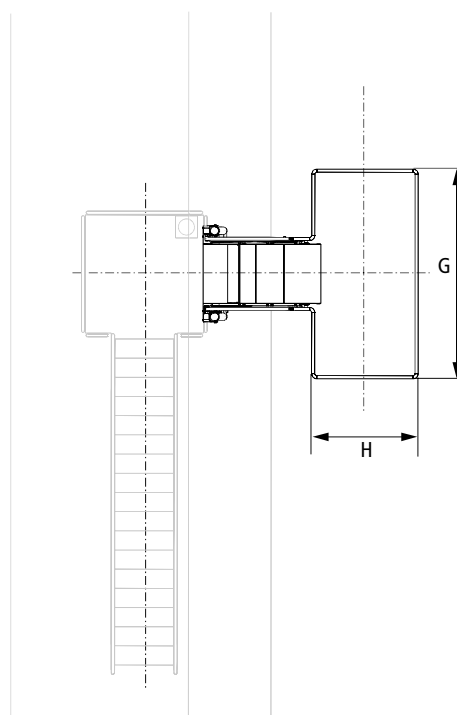
### STEEL CONSTRUCTION

(LOADING STATION - OPTIONAL)



Operating envelope  
folding stairs

A	Roof height (if applicable)	m
B	Reference height	m
C	Needed clearance height	m
D	Distance between the connection of the folding stair and the middle of vehicle (center operating envelope)	m
E	Operating envelope (maximum height)	m
F	Distance between ground and the beginning height (E) of the operating envelope	m
G	Width safety cage	m
H	Length safety cage	m



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**SVT**

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