

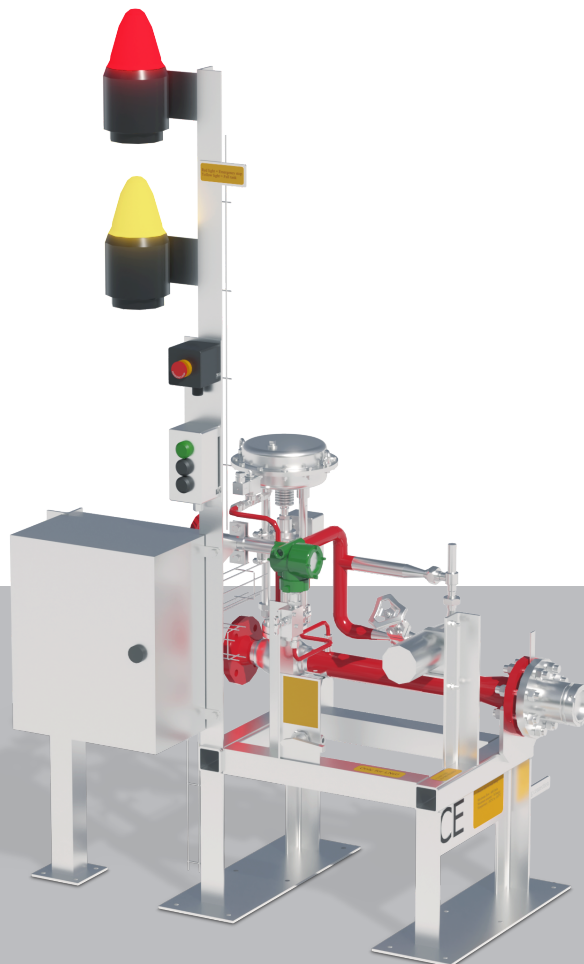
# MAN W50

## Mobile tank unloading unit

MAN W50 enables safe import of LNG and LBG from mobile tanks to stationary tanks at satellite stations. All equipment and components are installed on a steel frame and supplied as one complete unit.

### Benefits at a glance

- Complete import system in one unit
- Safe and standardized interface between mobile tank and satellite station
- All instrument and electrical wiring terminated at junction boxes



# MAN W50

## Technical data

### Dimensions

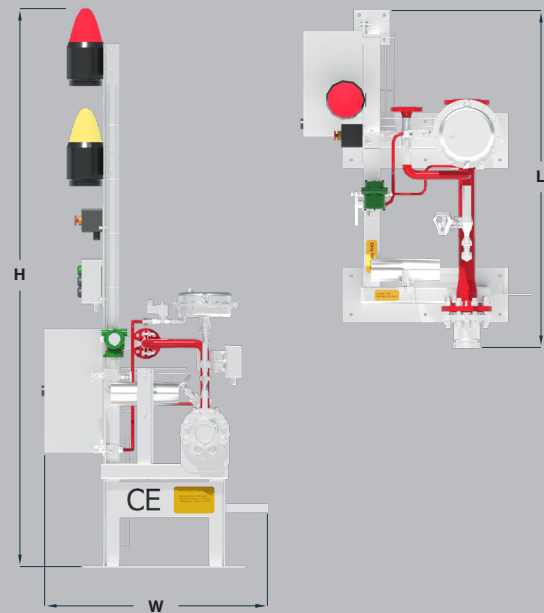
L	mm	1,200
H	mm	2,100
W	mm	800
Weight	kg	200
Liquid line		DN50
Liquid supply line		DN50
Nitrogen supply line		DN15

### Output

Flow rate <sup>1</sup>	m <sup>3</sup> /h	60
Max. supply pressure from mobile tank <sup>2</sup>	bar(g)	15

<sup>1</sup> Depending on mobile tank pump capacity

<sup>2</sup> Depending on storage tank design pressure



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### General

The unloading unit enables safe import of LNG and LBG from mobile tanks with onboard pump or pressure build-up unit (PBU), typically trucks and trailers. The interface between mobile and stationary tank is safeguarded from high level and pressure by the ESD shutdown valve. There is one pneumatic connection for all air consumers and one vent connection for safety and vent valves. All instruments and electrical wiring are terminated at the junction box. All the instrument and electrical wiring is terminated at junction boxes. The vents are connected to the header for easy installation.

### Standard configuration

- Strainer at mobile tank connection point
- ESD valve
- Alarm and information lights
- Pushbuttons for control and emergency stop

### Optional equipment

- Breakaway coupling
- Dry disconnect coupling and hose
- Pneumatic connection to mobile tank ESD valves
- Gas and leakage detection
- Flow meter (flanged to unit)
- Nitrogen line for purging and inerting the transfer hose



MAN W50 installed

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