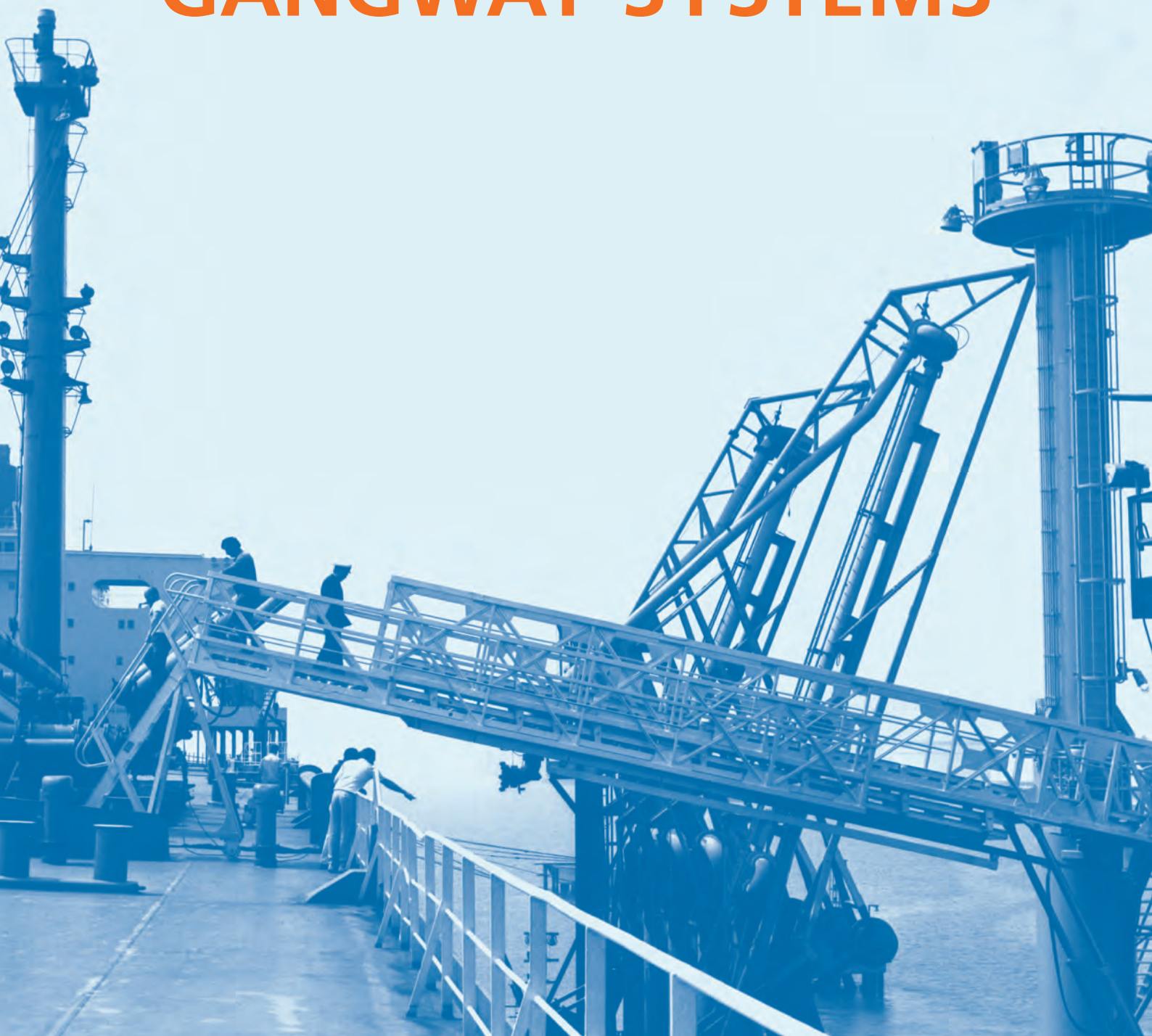




VERHOEF ACCESS TECHNOLOGY

# GLOBAL STANDARD IN DESIGN AND FABRICATION OF **GANGWAY SYSTEMS**



GLOBAL STANDARD IN SHIP-TO-SHORE ACCESS SYSTEMS FOR LNG AND PETROCHEMICAL TERMINALS  
DESIGN | FABRICATION | MAINTENANCE & REPAIR | LIFETIME EXTENSION PROGRAMMES





## VERHOEF GANGWAY SYSTEMS - PROVEN TRACK RECORDS

### HISTORY OF AUTOMATIC GANGWAY TOWERS

In 1966 the first Verhoef Automatic Gangway Tower was manufactured for BP Petroleum. Nowadays its design is still recognized as the Global and Leading Standard for a safe and reliable connection between shore and ship.

Since then Verhoef Access Technology has gained a worldwide reputation with the design and manufacture of more than 1000 gangways systems, in over 70 countries.



First columns with telescopic gangways, supplied in 1968.  
Europoort – The Netherlands.



Column with telescopic gangway and fire monitor on top. Sydney - Australia.



One of four gangway towers with lift platforms and telescopic gangway,  
with provisions for corrosive dust laden environment. Marseille – France.



Covered gangway towers to withstand the extreme cold in Hammerfest - Norway.



One column, with double gangway system, in Portland, Maine - USA.

We are proud to mention that a large number of International Oil and Gas Companies have given us the confidence to supply them with Verhoef Gangway Systems.





## CUSTOMER FOCUSED-SOLUTION DRIVEN

### VERHOEF ACCESS EQUIPMENT MEETS CUSTOMER REQUIREMENTS AND LOCAL CONDITIONS

During the years Verhoef has developed three different designs. Each design can be fine tuned to be in line with the site data and ranges of ship deck levels and meet any other customer specific requirements.

Basically, there are three main designs:

- Column type
- Tower type
- Riding type



Column with fire monitor support on top. The telescopic gangway provides support for the ship-to-shore power supply. Klaipėdos – Lithuania.



Column with telescopic gangway. Zwijndrecht - Belgium.

### THE MAIN FEATURES OF THE VERHOEF ACCESS SYSTEMS

- Standard systems adaptable to meet specific requirements
- Fully automatic 'free-wheel'-system which allows the telescopic gangway to accommodate ship- and tidal movements (up/down, in/out and slewing horizontally)
- Telescopic gangways with self-levelling steps or fixed anti-slip walking surface
- Hydraulic control panel which make the gangway easy to operate
- Explosion-proof electrical systems
- Proven design, carried out in high grade steel and aluminium
- Optional: stores cranes, control cabins, fire monitors (either mounted on top or as a separate unit)



Column system in combination with hydraulic stores crane – Lake Charles, LA - USA.



Hydraulically operated riding gangway system with telescopic ladder. Portsmouth - United Kingdom.



Column with telescopic ladder and cabin. Rotterdam – The Netherlands

way Systems, in more than 70 countries:





Verhoef's modern production facilities ensure an efficient manufacturing process.



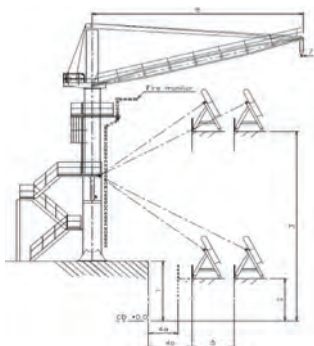
Verhoef provides customer support around the world including sales- and technical assistance, training and maintenance.



All Verhoef Access Systems are shop-erected and fully tested before delivery, guaranteeing a quick commissioning of the equipment at site.

## LIFETIME EXTENSION AND PROGRAMMES FOR UPGRADING

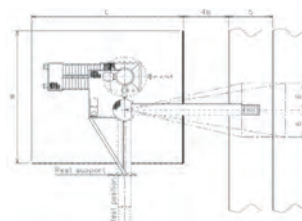
Verhoef also offers lifetime extension including upgrading of existing gangway equipment. Please contact us for more information.



## QUESTIONNAIRE

In order to make a proposal for you, we would need the following information:

1. Height of dock above Chart Datum
2. Minimum elevation of ship deck above Chart Datum
3. Maximum elevation of ship deck above Chart Datum
- 4.a. Distance between dock edge and shipside (compressed fender)
- 4.b. Distance between dock edge and shipside (relaxed fender)
5. Drift dimension in cross direction (Sway)
6. Drift dimension in longitudinal direction (Surge)



## VERHOEF ACCESS TECHNOLOGY

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