



TECHNICAL SPECIFICATIONS

Kenz gangways are capable of performing luffing motions by means of two hydraulic cylinders, slewing motions by means of a slewing bearing with slewing gears and a single stage telescopic motion by means of a winch that can pull the telescopic gangway back and forth.

For easy connection to the fixed offshore installation a 3 motion active compensation module is provided, which keeps the tip of the gangway stationary by compensating the vessel induced motions with slewing, luffing and telescoping.

Every type of operation requires its own solution. Therefore, our gangways are available in different sizes. Also, due to our extensive experience with tailor made systems, we can offer our gangways specifically according to any clients' specifications.

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**DEMANDING CONDITIONS
EXCEPTIONAL SOLUTIONS**



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GANGWAYS



ABOUT KENZ

As a trusted partner in the offshore industry, Kenz Cranes has delivered more than 300 pedestal mounted offshore installations consisting of ram luffing cranes, boom hoist cranes, knuckle boom cranes and motion compensated gangways.

Ever since the existence of fixed offshore installations there have been challenges with safely transferring personnel from and to an installation. These challenges can be safety related or practical issues, such as a limited weather window. Our active motion compensated gangways are the preferred way for safe and efficient crew transfer in offshore operations in both the wind and the oil and gas industry.

FEATURES

- 3 motion active compensation
- Connection to offshore installation by means of:

Landing cone

During deployment the landing cone is kept stationary by the active motion compensation module. After a connection is made the gangway is switched to passive motion compensation to follow the wave induced vessel motions.

Bumper

The bumper is kept stationary by the active motion compensation during deployment as well as during connection. It pushes onto the landing platform to ensure contact during personnel transfer.

- Motion compensated offshore lifts with crane winch attachment
- Type approved fail safe Siemens PLC with a class 3 Safety Integrity Level
- Certified by DNV-GL according to their latest gangway standard (other standards and/or certifying authorities available upon request)

TECHNICAL DETAILS*

Reach	15-25m or 30-45m
Slewing angle	+20/-20 degrees (active)
Luffing angle	+20/-20 degrees (personnel transfer) +50/-20 degrees (offshore lift)
Compensation	up to 3m SWH

*Depending on location of operation, vessel characteristics and position of gangway on vessel. Other dimensions possible upon request.



Bumper



Landing cone

GANGWAY TYPES

We can offer two types of gangways, a small and a large gangway as stated below.

But, as we understand that clients' needs vary we also offer tailor made design options according to specific requirements.

Kenz gangway 15-25m

Together with the expanding wind energy industry there is an increased need for safe crew transfer from vessels to wind turbines for O&M activities. The motion compensated Kenz gangway 15-25m has been designed for a fast and efficient personnel exchange with short transfer cycles including a custom designed bumper for multiple access points. The Kenz gangway 15-25m can also be equipped with a landing cone for platform access.



Kenz gangway 30-45m

Access from larger vessel to offshore structures typically require larger or high frequency crew change outs. Examples can be transfers of large construction crews, evacuation of larger vessels or offshore structures, or offshore decommissioning. The Kenz gangway 30-45m uses motion compensation in combination with a landing cone for an accurate and safe landing zone access procedure.

