

02

Application scenarios

Modular adaptation to various ship scenarios

(Can be customized according to the demands and ship types)

Application scenario 1

Offshore wind power operation and maintenance



Application scenario 2

Port pilotage boarding



Application scenario 3

Oil and gas platform docking



Application scenario 4

Cargos and screws transfer between two ships



Application scenario 5

Marine Ranch Operation and Maintenance



03

Company Profile



Shanghai Zhoujiaqiao Marine Technology Co., Ltd. is a high-tech enterprise dedicated to the research and development, production, sales, and of marine motion compensated gangway technology. Leveraging strong technical expertise and innovation, the company has achieved significant milestones and recognition in the marine engineering sector. Moving forward, it will continue to uphold its philosophy of "InnovationDriven, QualityFirst" to deliver superior products and services to clients worldwide.

Welcome to inquire

Looking forward to cooperation

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MOTION COMPENSATED GANGWAY SYSTEM





Motion Compensated Gangway System



Multiple testing to verify stable and reliable performance



Land testing

Long term land testing has verified that the equipment performance is stable and reliable.



Sea testing

Successfully completed the prototype sea trial verification, with a compensation capability of over 95%.

9-degree-of-freedom compensation for efficient transportation

(Applicable to level 4 sea conditions, compensation accuracy $\geq 95\%$)

A

Efficient operation

Significantly expand the working window period for adverse sea conditions and enhance the value of ship utilization.

B

9-degree-of-freedom compensation

The platform provides 6 degrees of freedom compensation, and the gangway provides 3 degrees of freedom compensation.

Product performance parameters

Six DOF Platform

Function	Index
Active degrees of freedom	6-DOF
Sway, Sway	$\leq 1.3\text{m}$
Heave	$\leq 2.5\text{m}$
Roll, Pitch, First Roll	$\leq \pm 15^\circ$
Dynamic carrying capacity	$\geq 20\text{T}$

Gangway

Function	Index
Active degrees of freedom	6-DOF
Pitch	$\pm 20^\circ$
Rotation	$\pm 180^\circ$
Expansion length	14-22m
Transfer load capacity	1T
Adapt to wind power	20m/s

Adapt to level 4 sea conditions