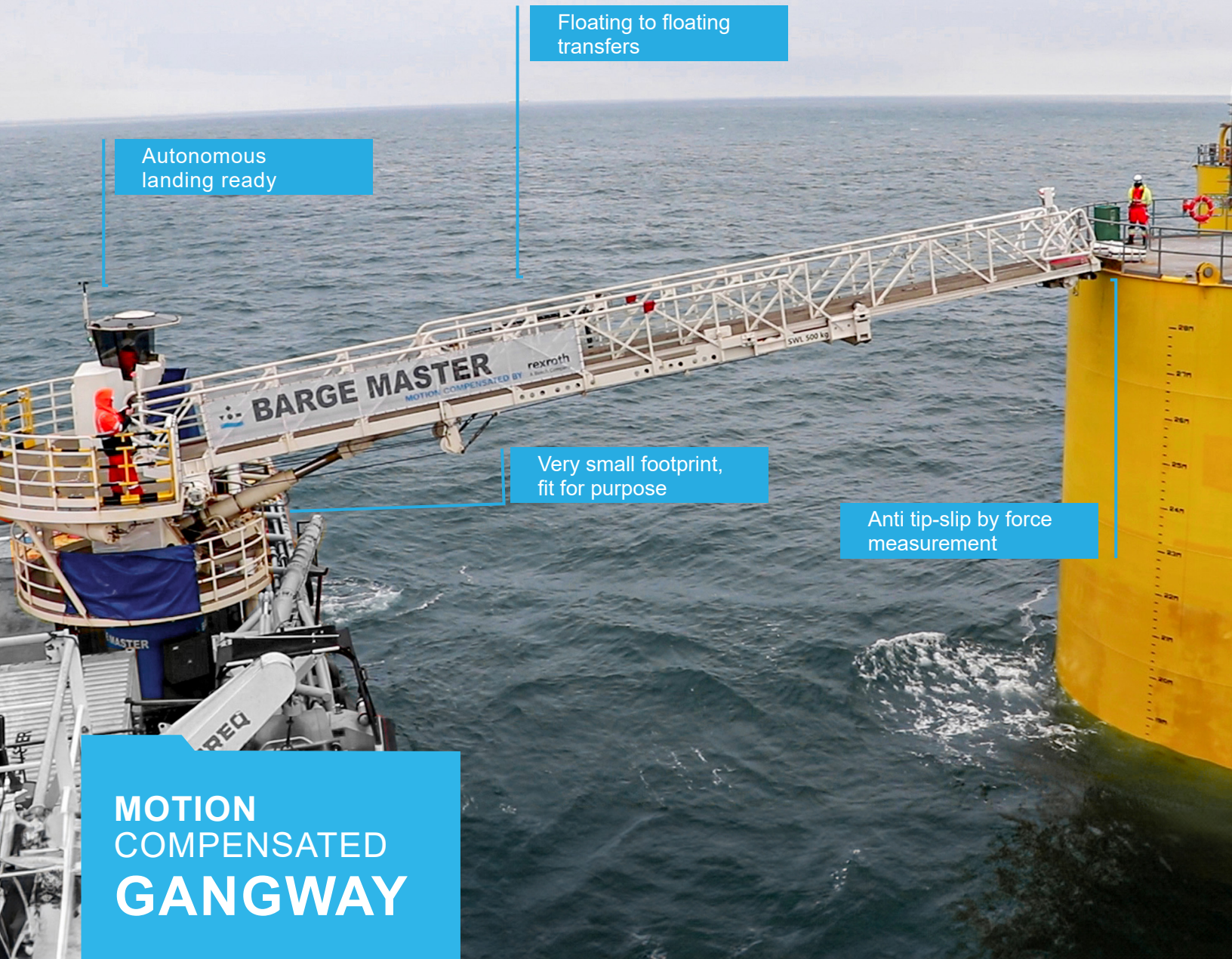




BARGE MASTER



Floating to floating
transfers

Autonomous
landing ready

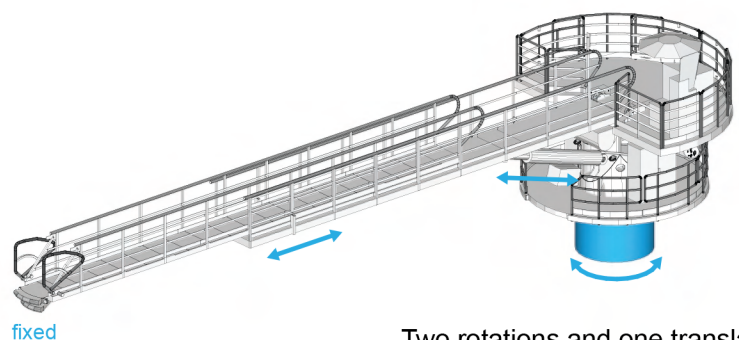
Very small footprint,
fit for purpose

Anti tip-slip by force
measurement

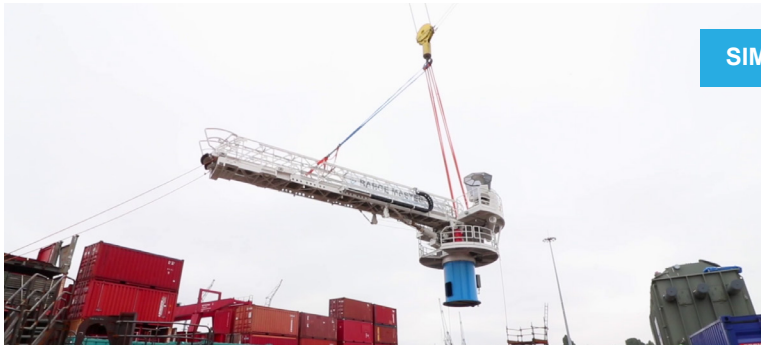
MOTION COMPENSATED GANGWAY

Barge Master's Motion Compensated Gangway provides continuous access to any offshore structure. Able to compensate for significant wave heights up to 3.5 meters, this motion compensated gangway ensures safe and efficient transfer of crew and cargo irrespective of weather conditions.

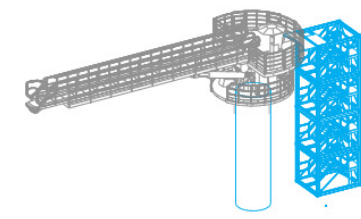
Making the system truly unique are its distinctive safety features, such as triple redundancy and the anti tip-slip.



Two rotations and one translation keep the tip still.



SIMPLE MOBILISATION



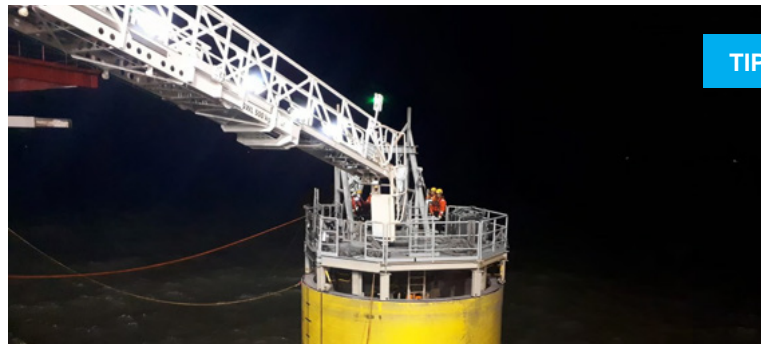
The Motion Compensated Gangway is easily mobilised, at a low cost. The gangway can be installed in one lift onto the vessel of choice. The pedestal itself is height adjustable per project, and the gangway can be mobilised in 2 days.



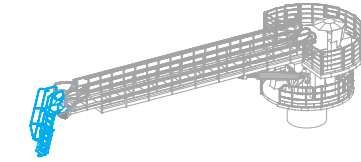
TIP SENSORS



Tip sensors work to ensure the safety of the gangway. They come with anti-tip slip, ensuring there are low levels of undesired movement. Additionally, the tip sensors enable floating to floating transfers without alteration of the gangway.



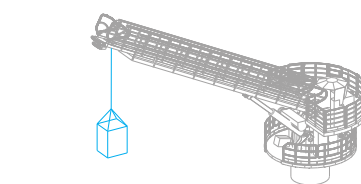
TIP LADDER



The tip ladder adds 2 meters to the operational range and is kept stable by position control. This allows for landing over existing structures where a push/force controlled landing is not possible.



LIFTING WINCH



With the added lifting winch, the motion compensated gangway is capable of compensated lifts up to **1000 kg**.

GENERAL

Certification	DNV-ST-0358 DNV-ST-0378 (gangway and offshore crane standard)
Gangway length	20 m +/- 5 m
Allowable luffing angles	
personnel transfer	-20° to +15°
cargo transfer	-23° to +35°
Wind speed	20 m/s
3D compensated crane module capacity	1000kg

RELIABILITY

Redundant system with triple sensors
All critical spare parts included
Remote software troubleshooting system
One operator needed per 12 hours

GANGWAY SPECIFICATIONS

Wave height	up to Hs 3.5 m
Footprint	Ø 1.9 m pedestal
Weight	28.5 mT



Barge Master
T +31 (0)10 409 00 60
E info@barge-master.com
W www.barge-master.com

