



BARGE MASTER
MOTION COMPENSATION SOLUTIONS

rexroth
A Bosch Company

Floating to floating
transfers

Anti tip-slip by force
measurement

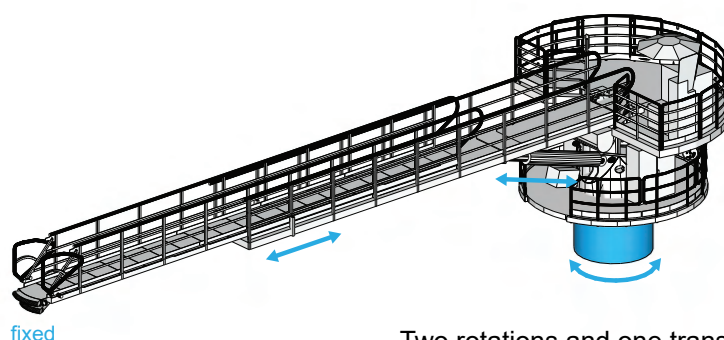
Autonomous
landing ready

Very small footprint,
fit for purpose

MOTION COMPENSATED GANGWAY

Barge Master's motion compensated Next Generation Gangway provides continuous access to any offshore structure. This motion compensated gangway ensures safe and efficient transfer of crew and cargo irrespective of weather conditions.

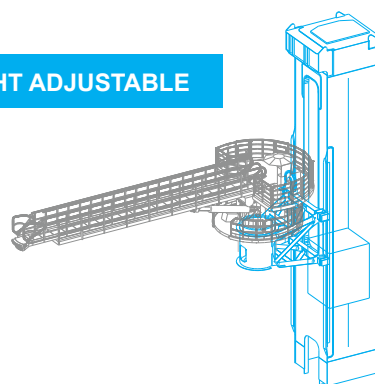
Making the system truly unique are its distinctive safety features, such as triple redundancy and the anti tip-slip.



Two rotations and one translation keep the tip still.



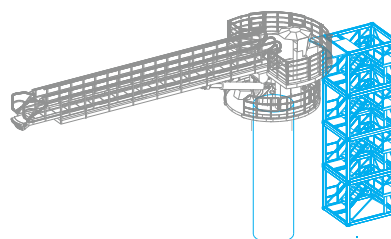
HEIGHT ADJUSTABLE



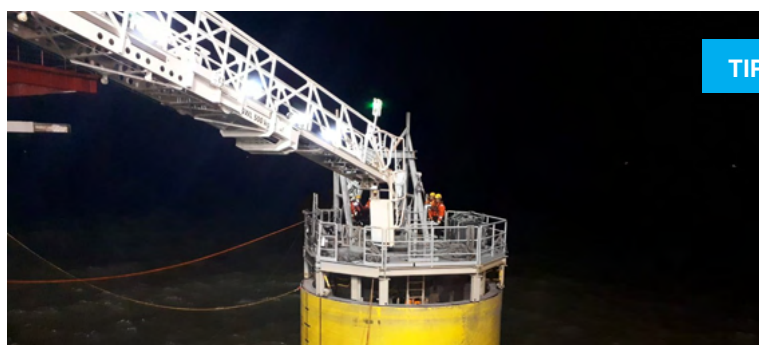
The height adjustable pedestal ensures horizontal gangway access on any height. With the integrated elevator stepless continuous operations are made possible.



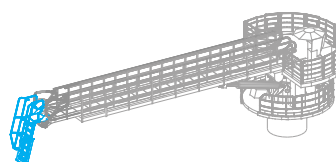
FIXED PEDESTAL



The fixed pedestal can be made to any height required. Additional access can be added like stairs or an elevator to enable continuous access & flow.



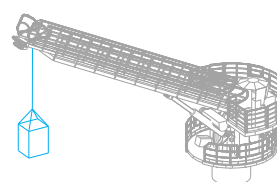
TIP LADDER



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 gangway can hoist up to **1.000 kg**.

GENERAL

Certification DNVGL-ST-0358
DNVGL-ST-0378
(gangway & offshore crane standard)

Gangway length 20 m +/- 5 m
Allowable luffing angles
personnel transfer -23° to +23°
cargo transfer -23° to +35°
Wind speed 20 m/s

GANGWAY

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

HEIGHT ADJUSTABLE PEDESTAL

Adjustable height range up to 12 m
Footprint 3.3 x 3.3 m
Integrated elevator 2000 kg

CARGO TRANSFER

3D compensated crane module 1000 kg
Remote controlled trolley transfer 800 kg

One operator needed



Barge Master

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