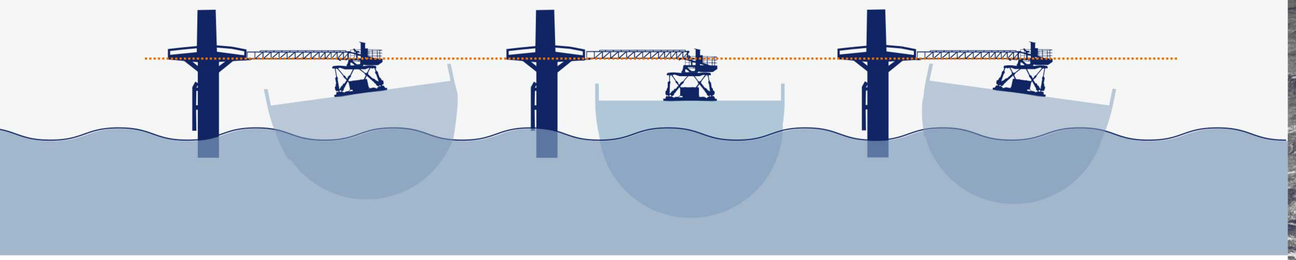
Solution specifications

Our systems are equipped with high performance hard- and software, providing a 6 degrees of freedom compensation like no other in the offshore access industry: safe, reliable and efficient!

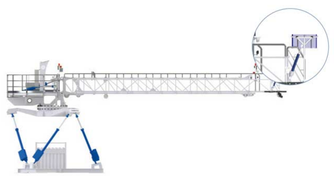


Specifications

Our offshore wind fleet consists of the A-type and E-type. Below, the specs of both systems are provided. We also offer custom-made solution if your challenge requires one!

A-type

3.0m Hs

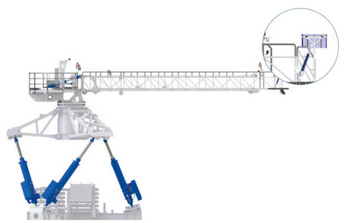


A(100)

- Cargo up to 100 kgs
- Gangway 25m

E-type

4.5m Hs



E(100)

- Cargo up to 100 kgs
- Gangway 25m

E1000

- Cargo up to 1000 kgs
- Gangway 30m

Safe offshore wind transfers

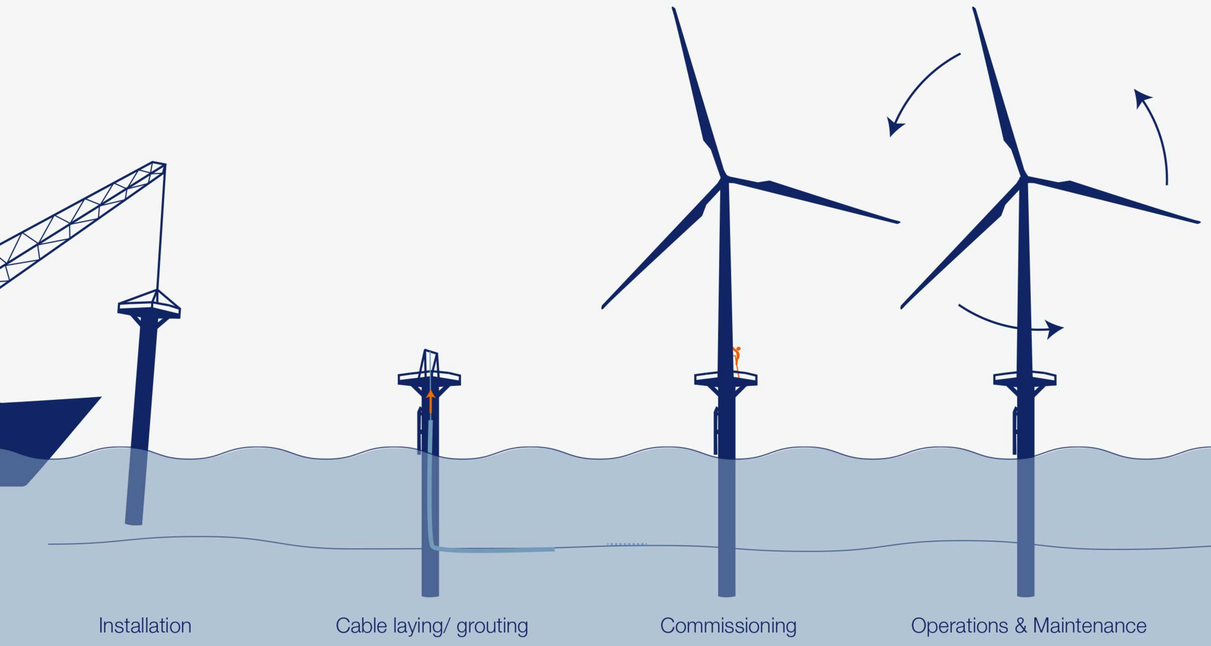
Safe offshore access for people and cargo is a major challenge in our industry. At Ampelmann, our vision is to make offshore access as easy as crossing the street. Ampelmann provides full service and tailored solutions to make your offshore operations safer and more efficient, by offering smart motion compensating systems. On a day to day basis hundreds, sometimes thousands of people go to work safely and efficiently using our systems all across the world. We move people and cargo from ships to offshore structures (Walk to Work) and from shores to offshore structures (Crew Change) in both the oil and gas and offshore wind industry. No matter what your offshore challenge is, we ensure you get full support across the entire lifecycle of your project.

AMPELMANN

Bridging your next move

Our added value to your offshore wind project

We have a proven track record of projects during the following phases of the installation process of an offshore wind park:



Why work with Ampelmann?

We provide one solution for people and cargo transfer. Our systems provide safe transfers that are proven to be reliable and efficient.

Increased workability by efficient project operations
Reduced project working days and/or increased workability in rough weather

Experienced project support
Experienced dedicated on- and offshore support before, during and after the project, including certified operators and specialists

Fully operational services
Outstanding service to reach project milestones with 24/7 support including backup system availability and spare parts on board

Unmatched safety record
Over 3 million safe transfers of people and cargo

Reference projects

Installation

Speed of operation is essential to reduce cost during the installation process of offshore wind turbines. Due to the high workability and technical reliability of the Ampelmann system the operational weather window increases, allowing our client to transfer its technicians safely and quick onto the transition piece. The past 8 years Ampelmann has supported in almost every installation campaign in Europe such as Gemini (DE) and Dudgeon (UK), leading to efficient operations and therefore reducing overall cost. *Type: A*

Grouting

In this case the clients had no method of transferring personnel and equipment, which was essential for the installation of the wind turbine. Ampelmann specifically developed a grout arm to support the 400 kg hose, which was supported with a procedure and system to combine the grout arm and the gangway use in a safe operation. This important mechanism enabled the customer to simply, safely and efficiently transfer both its personnel and hose to the transition piece. *Type: A*

Commissioning: transferring people and cargo

During a commissioning campaign technicians and cargo need to be transferred onto the transition piece to connect and commission the WTG. The Ampelmann system, including the support of its organization, enables our clients to safely drop off and pick up the technicians and their tools or generators up to 1000 kg onto the structure, completely motion compensated. Is there a need to fuel your generator? No worries, as Ampelmann offers the possibility to install a fuel hose over the gangway to facilitate efficient operations. *Type: E1000*

O&M: Ampelmann integrated in a Wind Service Operation Vessel (SOV)

The further offshore you are located typically results in higher costs, due to a number of factors including accessibility. Ensuring maximum windfarm uptime is key in any operation. This wind Service Operation Vessel (SOV) with an A-type system does exactly that, by allowing increased uptime and offering a safe, fully compensated access system to transfer personnel and equipment stored on the vessel. Downtime is significantly reduced as the A-type system is in use during periods of adverse weather conditions. *Type: A*