

TB-NIIGATA

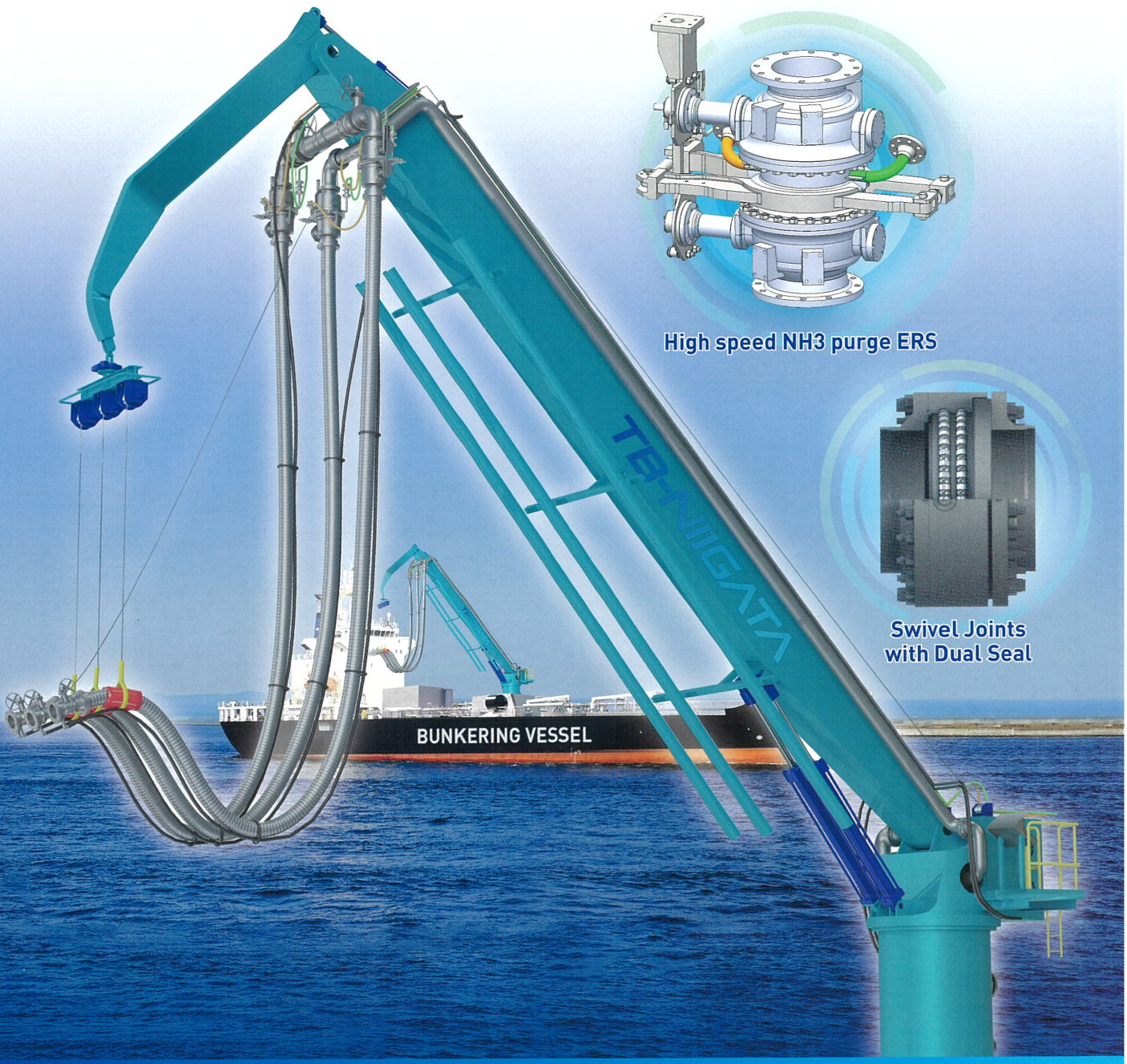
70 YEARS OF EXCELLENCE IN ENERGY TRANSFER

Bunkering Boom for LNG and Ammonia

LNG and Ammonia are featured as new marine fuels that can reduce GHG.

TB Global Technologies has developed a bunkering boom as a solution to make ship-to-ship bunkering operations safer and faster.

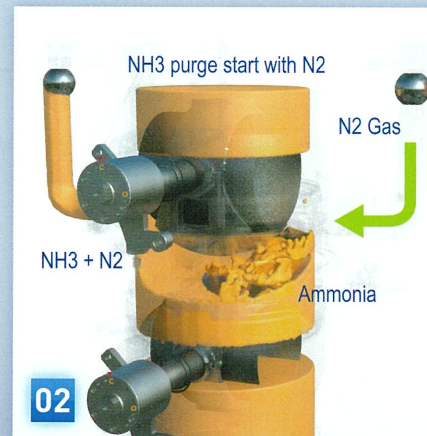
The bunkering boom for ammonia is equipped with special safety functions for ammonia toxicity, reducing risks on humans and negative impact on the environment in case of emergency.



High Speed and emission free NH3 ERS

Emergency Release System (ERS) for Ammonia

Our new ERS enables rapid disconnection between the ammonia-fueled vessel (AFV) and the ammonia bunkering vessel (ABV) in emergency situations. It incorporates a high-speed nitrogen purge system which swiftly removes residual ammonia between two valves upon activation, neutralizing the negative effects of product spillage.



The bunkering boom, featuring a combination of rigid pipes, swivel joints, and hoses, has received Approval in Principle (AiP) from the classification society ClassNK, marking a significant step toward the safe adoption of ammonia as a marine fuel.

By enhancing safety measures and reducing environmental risks, TBG's bunkering solutions contribute to the sustainable development of ammonia fuel supply chains in the maritime industry.

 **TB Global Technologies Ltd.**

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