



## HUISMAN TO DELIVER TWO SUBSEA CRANES FOR TOYO CONSTRUCTION'S CABLE-LAY VESSEL

Schiedam, the Netherlands, 12 March 2024

Huisman has been awarded a contract with VARD, a designer and shipbuilder, for the delivery of a full electric 250mt Hybrid Boom Subsea Crane, and a 100mt Knuckle Boom Crane destined for integration into Toyo Construction Co. Ltd.'s latest cable-lay and construction vessel.

Toyo Construction Co. Ltd., renowned for its expertise in offshore construction, will welcome this vessel as the latest addition to its fleet, specially designed for the flourishing Japanese offshore wind industry. The purpose-built VARD 9 15 design signifies a milestone in advancing capabilities for cable-laying and turbine foundation installation works in the Japanese offshore wind sector.

Huisman's Hybrid Boom Crane stands out for its cutting-edge features, including a fully electric traction and storage winch design that ensures secure storage of large diameter subsea wire rope. Equipped with both passive and active heave compensation systems, this crane guarantees superior workability offshore. Designed to meet the specific requirements and preferences of Toyo Construction Co. Ltd., the crane will undergo certification according to ClassNK regulations.



The 250mt Hybrid Boom Crane is a proven subsea crane concept that combines the high lifting height of a conventional lattice-type boom crane with the operational advantages of a Knuckle Boom Crane.



The 100mt Knuckle Boom Crane, part of Huisman's recently launched Subsea Crane range for offshore construction vessels, is a compact yet powerful subsea-rated crane. Featuring active heave compensation, this crane is designed to assist in subsea work and handle cargo efficiently across the deck.

Both cranes will be manufactured at Huisman's state-of-the-art production facility in Zhangzhou, China.

**Haruhisa Obayashi, President of Toyo Construction:** "We are delighted with the opportunity to supply our new cable lay vessel with Huisman's state-of-the-art offshore cranes. Huisman's proven track record of manufacturing cranes of superb quality will boost our intentions to become a top-class contractor for offshore wind and other offshore construction projects."

**David Roodenburg, CEO of Huisman:** "We are honoured to announce our partnership with Toyo Construction as an esteemed new client in Japan. We take pride in supplying cutting-edge equipment for their multi-purpose construction vessel, empowering Toyo to excel in offshore construction in Japan and beyond."

**Torgeir Haugan SVP Sales & Marketing of VARD:** "We are happy to be working together once again with Huisman to deliver the two offshore subsea cranes, that will become a vital part of this complex vessel to be designed and built by VARD for Toyo Construction, our new Japanese client."

#### **Features & benefits of the Huisman Hybrid Boom Crane**

- Superior load curve for optimised deck handling and overboarding of voluminous structures, such as suction anchors or pinpiles.
- Ability to lower the knuckle for an improved operational weather window, significantly reducing motions during offshore lifting operations.
- Fully electric-driven subsea winch package enabling significantly lower power consumption of the crane system.
- Hydraulic active and passive heave compensation, allowing for the precise lowering of loads through the splash zone and accurate landing on the seabed.



F.l.t.r.: Mr.Torgeir Haugan SVP Sales & Marketing of VARD, Mr. Haruhisa Obayashi, Representative Director, President of Toyo Construction, Mr. David Roodenburg, CEO of Huisman.

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## ABOUT HUISMAN

Huisman is a worldwide supplier of step changing technical solutions to the world's leading companies in renewable energy, oil and gas, civil, naval and entertainment markets. Projects vary from stand-alone components to highly engineered integrated systems, from concept to installation and life time support. Huisman operations are divided between offices in The Netherlands, Brazil, China, Czech Republic, Norway, Singapore and the USA and facilities in The Netherlands, Brazil, Czech Republic and China.

## ADDITIONAL INFORMATION

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