

# FASTDOCKING™ SOLUTIONS



*FastDocking™*



*Syncrolift*

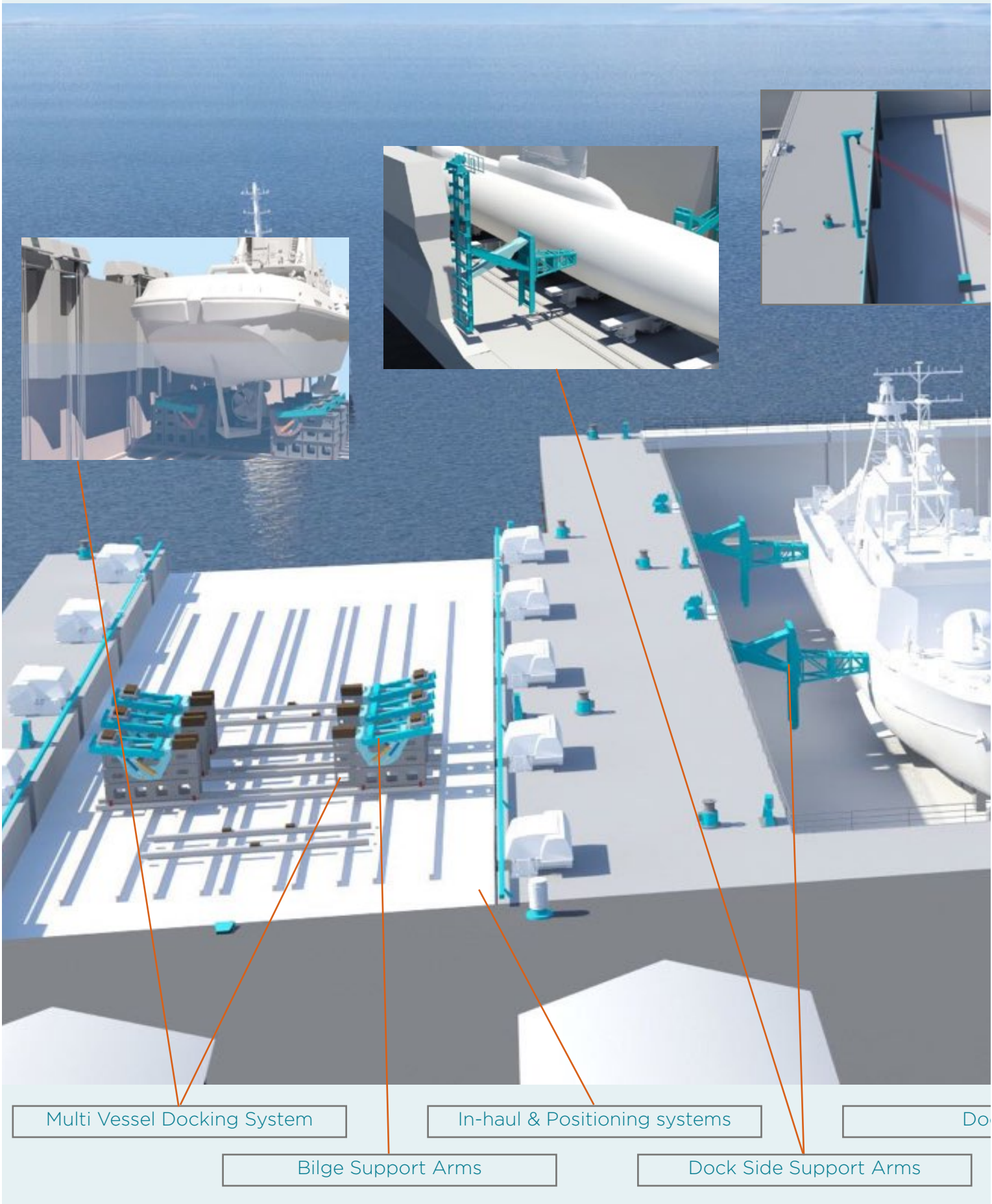


*Service*

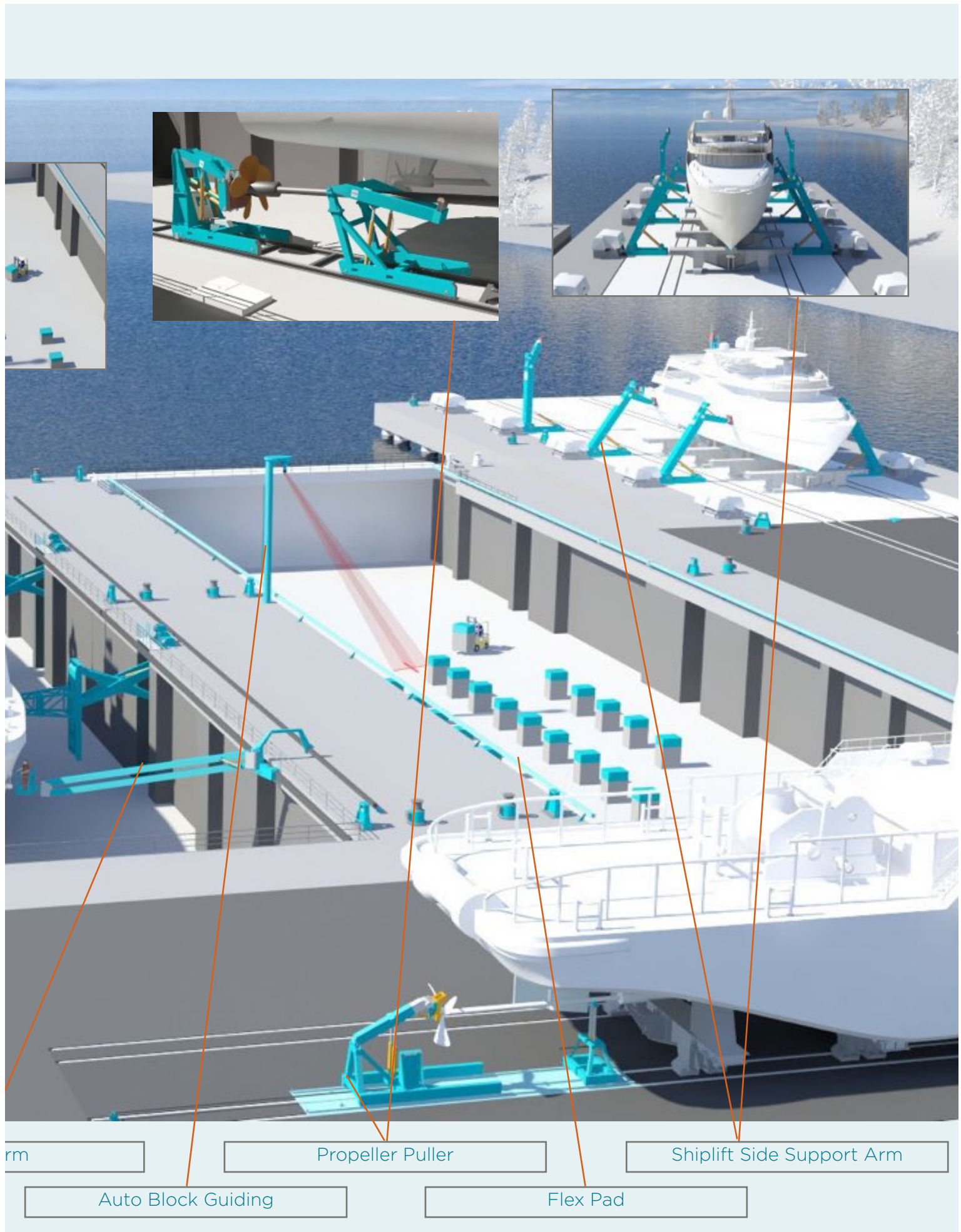


[www.syncrolift.com](http://www.syncrolift.com)

# Syncrolift *FastDocking*™ Solutions







## FastDocking™ Solutions

**Syncrolift's** vision is to mechanize and automate ship-repair yards while reducing cost.

Advantages of our "FastDocking™" products are:

- Higher Productivity
- Shorter lead/preparation time
- Higher turnover of vessels docked
- Knowledge gap compensation

We are working continuously on developing reliable solutions to improve productivity and profitability in ship-repair yards.

We constantly cooperate and partnership with our customers to deliver intelligent, innovative and cost effective solutions.



Dock Side Support Arms  
Harstad Skipsindustri AS, Norway



Side Support Arms  
STX Florø AS, Norway



Multi Vessel Docking system (MVD)  
De Haas Rotterdam, The Netherlands







Propeller Puller  
Harstad Skipsindustri AS, Norway



Bilge Support Arms  
Kimek, Norway



Bilge Support Arms  
Zamil Offshore Services Company, UAE



In-haul & Positioning system  
Vietnam Navy





## Multi Vessel Docking system (MVD)

The MVD system is designed to accommodate ships with complex hull shapes, such as work boats, tugs boats, yachts etc., using minimal time and effort.

- 1 200 t capacity
- Hydraulically operated
- Equipped with Bilge Support Arms
- Adjusts in 6 directions
- Adapted for docks, shiplifts and transfer systems



## Bilge Support Arms

The Bilge Support Arms simplify the docking arrangement, saving considerable time otherwise spent for building hull specific bilge blocks

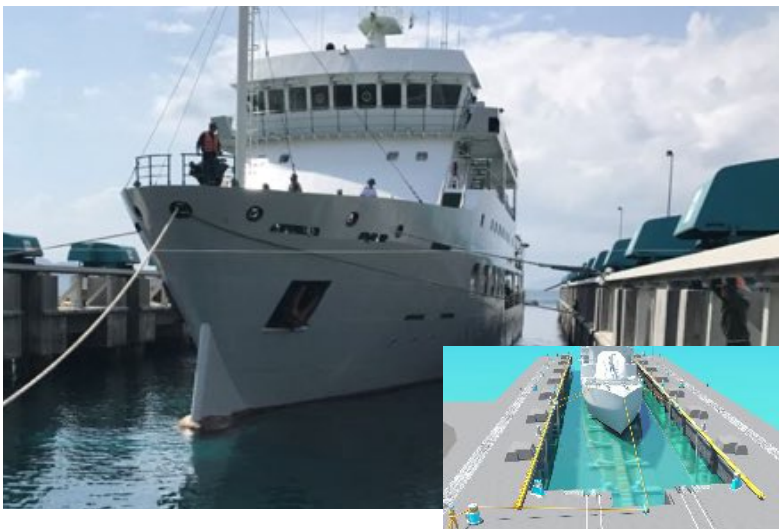
- Hydraulically operated
- 34 t hydraulic / 65 t mechanical mode capacity
- Portable - easy slide on and off installation
- Eliminating need of bilge blocks



## Dock Side Support Arms

The Dock Side Support Arms are designed to improve docking efficiency.

- Synchronized arms operation for vessel centering
- Supporting the ship in the dock, i.e. no bilge blocks
- 22,5 t SWL capacity per arm
- Side Load Monitoring - live data display on arm loads and position



## In-haul & Positioning Systems

The In-Haul System guides the vessel safely into the dock whilst the Positioning System centers the vessel over the blocking arrangement.

- Rail and/or capstan based
- Customer tailored
- Virtually no limitation on capacity





## Propeller Puller

**Syncrolift's** Propeller Puller is developed to simplify and ease the pulling and re-installing of propeller and propeller shaft.

- Up to 100 t capacity
- Customer tailored design and specification
- Eliminates the need of pad-eyes, welding and chain-block operations
- Reduce or eliminate use of crane and scaffolding
- Significant time saving
- Low maintenance



## Shiplift Support Arms

The Shiplift Support Arms operate as a semi-positioning system, providing side stability for vessels during docking.

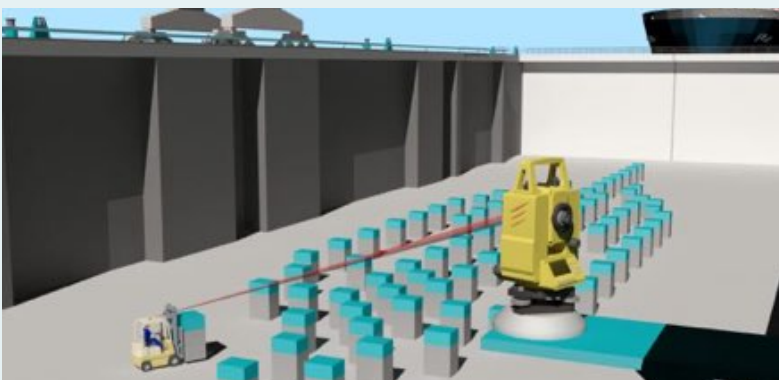
- Support the vessel during docking
- Synchronized support operation
- Minimize bilge block preparation time
- Side Load Monitoring - live data display on arm loads and position



## Flex Pad

Flex Pads are designed to substitute crush wood used on keel blocks. Made of high quality polymer compounds engineered to be reliable and long lasting solution.

- Deflects to max 50mm
- For loads up to 1000 t/m2 and more
- Multiple use
- Cost efficient
- "Green" solution.



## Auto Block Guiding

The Auto Block Guiding is a software enhanced laser guided system designed to simplify the building of the keel block arrangement.

- Using vessel specific docking plan
- Millimetre precise live feedback on blocks position
- Visually displaying the whole arrangement on interactive monitors mirroring the docking facility.

Syncrolift AS offers customized, turnkey solutions for shipyards around the world. Our product range includes Shiplifting Systems, Transfer Systems and our FastDocking™ products designed to increase efficiency of vessel maintenance and docking.

## Shiplift Systems

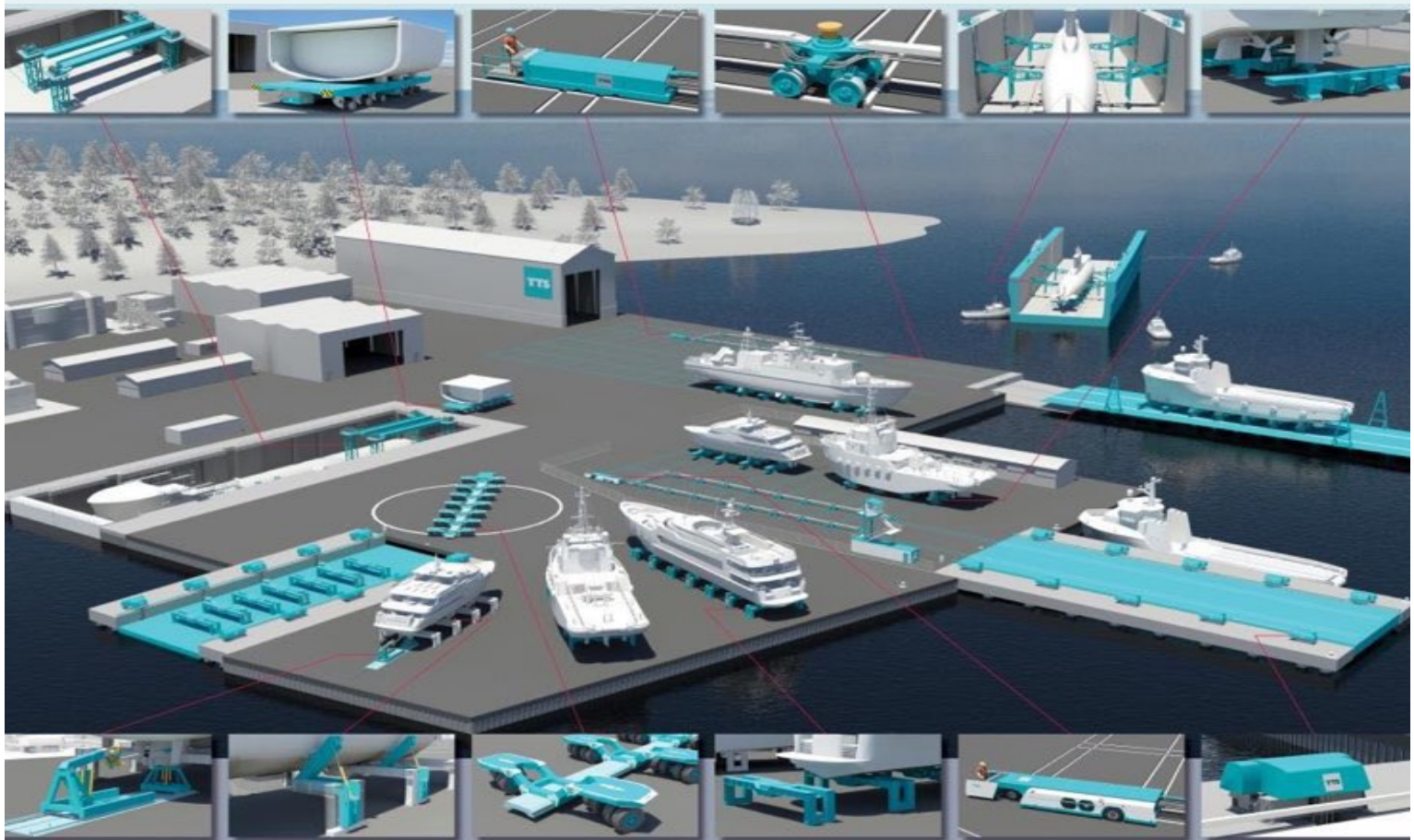
**Syncrolift®** offers various shiplifting systems with Rigid and Articulated solutions. Such are Syncrolifts, Shiplifts, Floating Docks, Docklifts, Wedge slipways etc.

## Transfer Systems

**Syncrolift®** offers both Rigid and Fluid bed transfer systems designed in various configurations such as SPMTs, Flex-Trolley, Rail transfer, Multiwheeler etc., all designed to transport heavy loads to and from dry and wet/sea berths.

## Aftersales and technical support

**Syncrolift®** has a world wide network of branch offices, service stations and agents and provides after sales services covering the globe.



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