

Movena
Maritime Consulting and Services



MOVENA KOREA

Movena
Maritime Consulting and Services

Shafting & Rudder System

Partners

HD HYUNDAI HEAVY INDUSTRIES
Hanwha Ocean
SAMSUNG HEAVY INDUSTRIES
HD HYUNDAI MARINE SOLUTION
Hanwha Power Systems
seaspan
HD HYUNDAI MARINE SOLUTION TECH
SUBSEA GLOBAL SOLUTIONS
(주)코피코 KOPICO CO.,LTD
HD KOREA SHIPBUILDING & OFFSHORE ENGINEERING
BRIESE SCHIFFAHRT
DHMC
HD HYUNDAI SAMHO
LOEWE MARINE
康立發展有限公司 HEALTH LEAD DEVELOPMENT LTD

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About us

01 MOVENA GROUP

- Founded in 2011 in Bremen/Germany, with affiliated companies in Busan/Korea and in Shanghai/PR China.
- All shareholders and managers have classification background (GL and DNV).
- Specialized on classification and certification related services.
  Special relationship with Classification Societies due to work history of Movena members at GL, DNV, ClassNK.

02 MOVENA KOREA

Each MOVENA Korea member has extensive maritime expertise.

- Work experience at Class Societies (GL & DNV) and major Korean shipyards/shipping companies.
- Experts on naval architects, marine engineers, PMs and Supervisors.
- Specialists in propeller, shafting, and rudder systems (design, engineering, supervision).

03 MOVENA KOREA Offers

- Maritime technical consulting and services (Commercial & Naval).
- Consulting, Engineering, Spares Supply and Supervision for Propeller, Propulsion Shafting and Rudder system (NB & Repair).
- Project Management and Supervision (NB & Ship Conversion).
- Consulting for Ship Efficiency Improvement.

04 Greetings

Based on a wide network, Movena Korea provides overall consulting and services in shipbuilding/offshore and supplies Material/ Components with optimum efficiency and reasonable price.

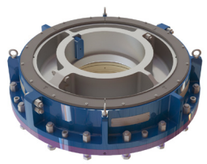
Movena Korea, not only offers creative and productive solutions but works together with clients to achieve the success of their business.

Movena

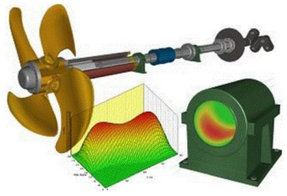
Hi-Solution

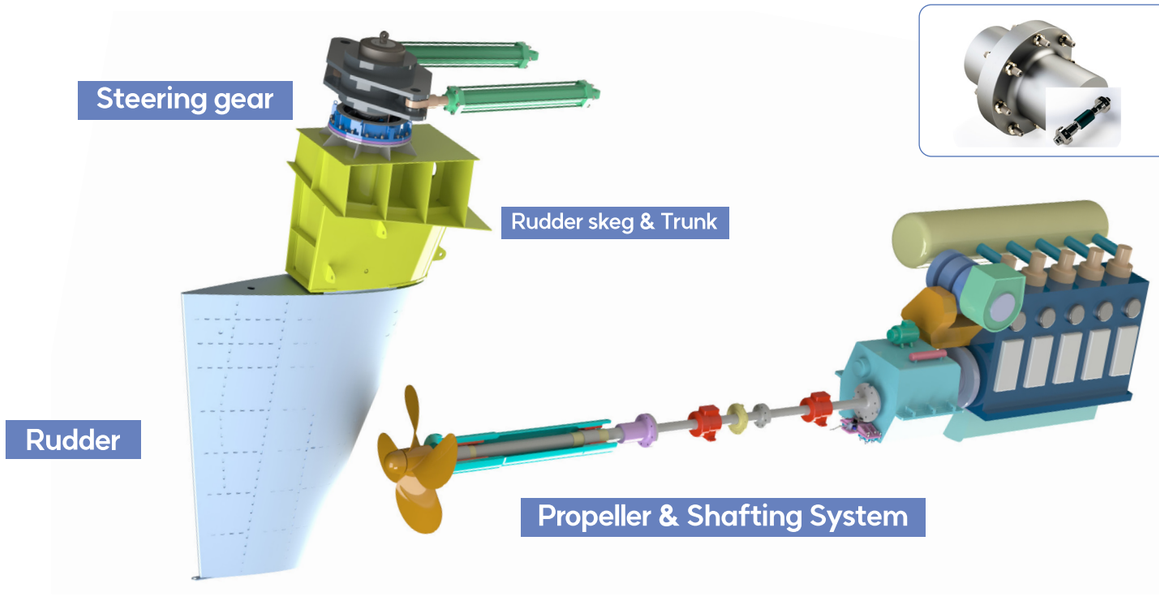
Total Solutions for High Performance Propulsion Shafting & Rudder System

Rudder carrier
(Hi-CARRIER®)



Shaft Alignment







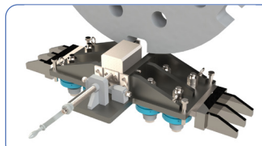
Bulkhead seal
(Hi-SEAL®)



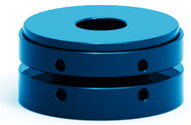
Stern Tube Unit
(Hi-TUBE®)

Design, Engineering, Component Supply, Production and Commissioning

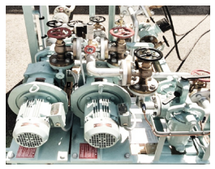
Hydraulic
coupling bolt
(Hi-BOLT®)



Shaft locking device
(Hi-LOCK®)



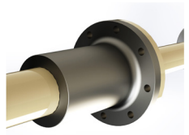
Adjustable
metal chock
(Hi-MAC®)



Stern tube Oil/Water
Lubricating System
(Hi-LUB®)



Sleeve coupling
(Hi-COUPLING®)



Flange coupling
(Hi-COUPLING®)

Business Scop

New Building

01 DESIGN & ENGINEERING

- Propeller
- Shafting Plan
- Shaft Alignment
- Vibration Calculation (T/V, A/V and Whirling)
- Rudder System
- Energy Saving Device
- Stern Frame

02 COMPONENTS SUPPLY

- Hi-MAC (Adjustable Chocks)
- Hi-Bolt (Hyd. Coupling Bolt)
- Hi-Lock (Shaft Lock. Device)
- Hi-Tube (Stern tube Unit)
- Hi-Carrier (Rudder Carrier)
- Hi-Coupling (Hyd. Coupling)
- Hi-Seal (Stern Tube Seal)
- Shaft Bearings
- Shaft Brake

03 SERVICES

- Supervision at Construction
- Installation
- Commissioning

Ship Repair

01 ENGINEERING

- Propeller Redesign
- Propeller Damage Analysis
- Root Cause Analysis
- Repair Procedure
- Shaft Alignment
- Vibration
- Re-Engineering of Shafting and Rudder system
- Efficiency Improvement
- Energy Saving Device

02 SERVICES

- Supervision at Repair works of Propeller, Shafting and Rudder
- Condition Survey
- Shaft Alignment works
- Rudder Alignment works
- Bluefit test
- Main Engine Deflection
- Propeller Replacement

03 SPARE PARTS

- Propeller
- Rudder system
- Shaft Bearings
- Seals
- Accessories, Tools & Jigs