



Dear Sirs,

Since its foundation in 1973, Hyundai Heavy Industries, Co., Ltd. has grown to become the world's largest shipbuilder and the manufacturer of choice for more than 12% of new orders in the global marine and shipbuilding markets. This remarkable growth has been fueled by our devotion to technological excellence and giving our esteemed customers the highest standards of durability, performance and value in every order.

These hallmarks of Hyundai quality distinguish our industrial products as well. Hyundai Heavy Industries is rapidly becoming the global leader in heavy machinery and construction equipment, engines, industrial plants, offshore facilities, electrical equipment, and industrial robotics. And with nearly 40 years of broad-based technical and engineering expertise, we are ready to provide you with state-of-the-art innovation and proven reliability in all our products.

As a result of our broad-based production of cutting edge technologies, we have accumulated an enormous amount of theoretical and practical experience in this very competitive industry and have emerged as a highly dependable manufacturer in a conglomerate way to manufacture ships, we would like to present our shipbuilding equipment of the most proud high quality and reliability.

With renewed pride and enthusiasm, Hyundai takes on the challenges of the future, sparing no effort to complete quality power plants in the best interests of its valuable customers.

Thank you.



Marine Engine & Equipment

- Diesel Engine
- Propeller & Shaft
- HiMSEN Engine
- Steam Turbine
- Thrusters
- Pumps
- EcoBallast Walter Management System



Rotating Machinery

- Alternator
- Motor



Automation Systems

- Alarm & Cargo Monitoring System
- Bridge Navigation System
- Remote Diagnostic System
- Bridge Navigation Watch Alarm System



HiMSEN Engine

- H17/28
- H17/28E
- H21/32
- H25/33
- H32/40
- H32/40V



Switchgear

- Medium & High Voltage Switchboard
- Low Voltage Switchboard
- Ring Main Unit
- Vacuum Circuit Breaker
- Air Circuit Breaker
- Power Management System & Protection Relay



Transformers & Inverters

- Dry Transformer
- Cast Resin Transformer
- Inverter

Engine & Equipment



Diesel Engine

- Engine Components:

 Bed Plates

 Frame Boxes

 Cylinder Heads

 Cylinder Liners

 Cylinder Frames



Propeller & Shaft

- Propetter
 Max: 120 Ton in Weight, 11m in Diameter
 Min: 10 Ton in Weight, 3 m in Diameter
 Shaft Rudder
 Max: 150 Ton in Weight, 2,200mm in Diameter, 18,000mm in Length
 Min: 300mm in Diameter, 2,000mm in Length









Steam Turbine





Pumps

- Ballast Pumps
 LNG Marine Pumps

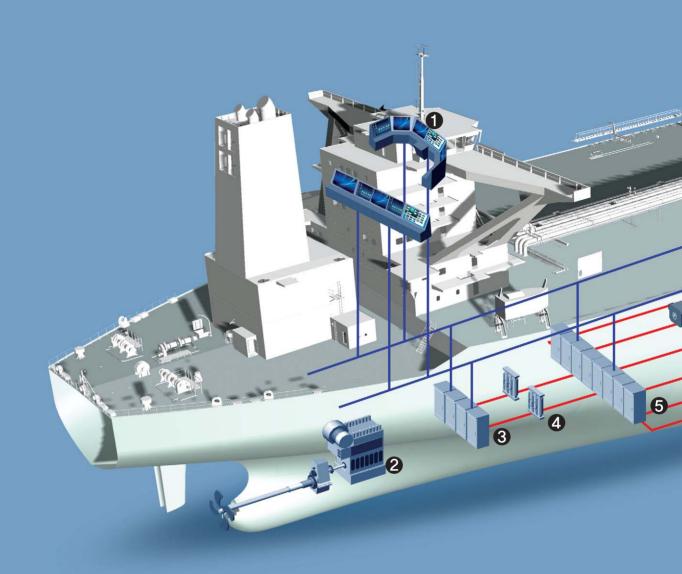




EcoBallast Water Management System

Thrusters

Excellence in M



Automation System











• ACONIS

Remote Diagnostic System

• HiDS

Integrated Bridge System

• HTIRS • HIVDR

Bridge Navigation Watch Alarm System

• HiWMS

Cab

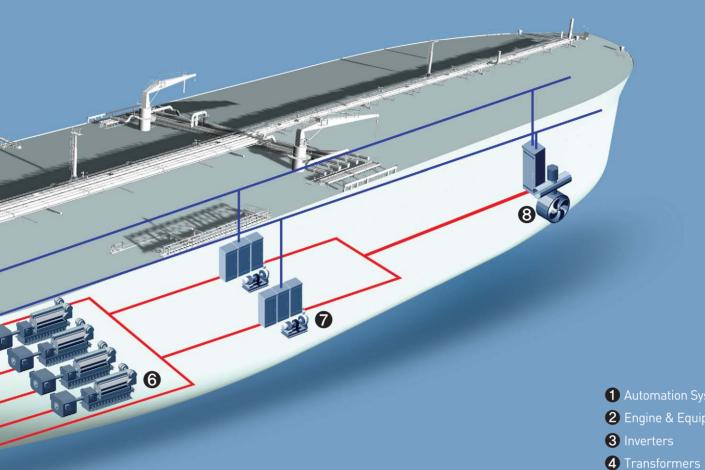




MV Power Cable

LV Power Ca

1arine Systems - -



- 1 Automation System
- 2 Engine & Equipment
- **5** Switchgear
- **6** Rotating Machinery
- **7** Pumps
- 8 Thrusters





Switchgear



Low & Medium Voltage Switchboard

• MV SWBD: 3.3kV to 12kV • LV SWBD: up to 690V



Vacuum Circuit Breaker



Air Circuit Breaker



Ring Main Unit



Power Management System & Protection Relay

• HiMAP-BCG • ACONIS-2,000PMS • HiMAP-FI, M, T

Rotating Machinery



Alternators

- Manufacturing Scope: 100~50,000kVA Voltage: 220V~14kV Poles: 4~14Poles Protection Degree: IP23/IP55



Motors

- Manufacturing Scope: 0.4~6,000kW Voltage: 220~690V Poles: 2~10Poles Protection Degree: IP23/IP55