

Global Leader

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HYUNDAI PROPELLER





Propeller Shop

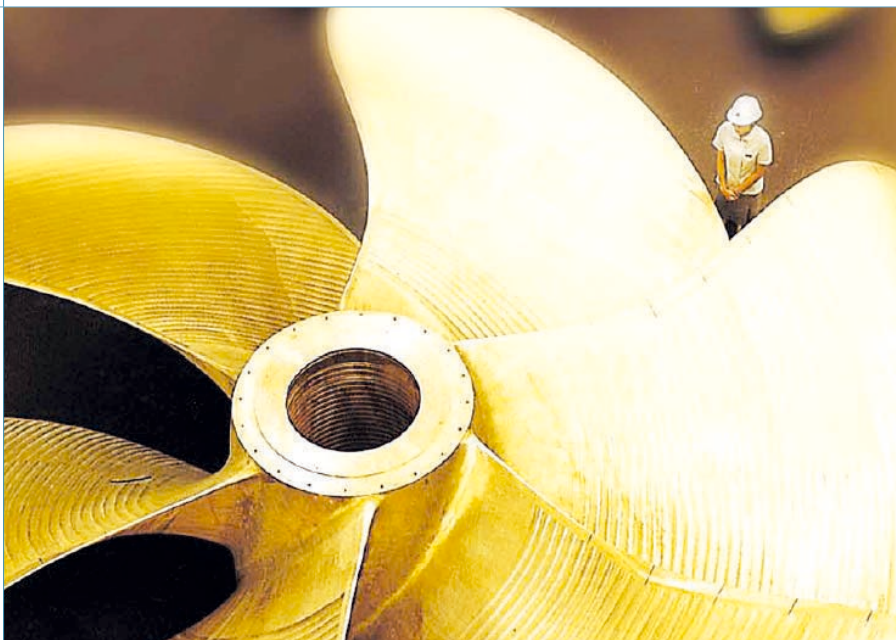
HHL produces a wide variety of marine propellers. Our propellers have a diameter up to 11,000 mm, with maximum unit weight of 114,000 kg, and are typically made of manganese bronze and nickel-aluminum bronze.

We employ a comprehensively computerized design, manufacturing, and inspection system for these products.

Production Capacity, Max. | 114 ton in Weight, 11 m in Diameter
Min. | 10 ton in Weight, 3 m in Diameter



PROPELLER & SHAFT



World's Largest Propeller

Weight 111.2 ton
Diameter 9 m
Blade 6
Shiptype 8,600TEU Container

Shaft

Propeller Shaft / Intermediate Shaft

Rudder Stock

Straight Type

Production Capacity, Max. | 120 ton in Weight
| 2,200 mm in Diameter
| 18,000 mm in Length
Min. | 300 mm in Diameter
| 2,000 mm in Length



Inspection

Inspections and material tests are carried out in the attendance of inspectors from clients, shipyards, and classification societies in strict accordance with rules and regulations.

The Static Balancing Test is performed by a horizontal level balancing test machine. Our dimensional tolerances are in strict accordance with the International Organization for Standardization.



Test of Propeller and Propeller Shaft

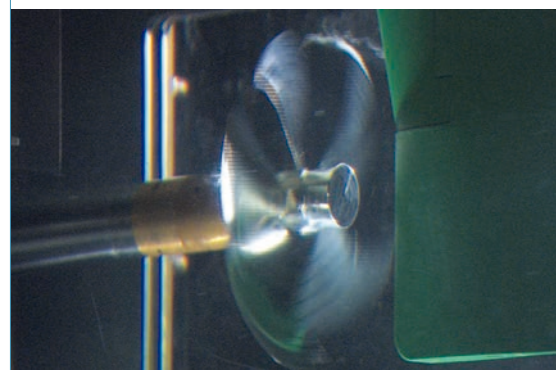
The contact and fitting test of the propeller and propeller shaft is carried out at our assembly shop prior to the delivery to the shipyard.



Research & Development

HHI-EMD is performing research and development of various propellers from design to final matching with Hyundai Maritime Research Institute. R&D is being carried out continuously for the following aspects.

- Designing propeller for propulsion efficiency and anticavitation.
- Materials Research.
- New type of propellers.
- Rationalization of manufacturing methods.



Global Service Network



- HHI-EMD Direct Service Center
- Cooperative Repairer
- Parts Sales Agent
- Spare Parts Depot
- Authorized Repairer



HYUNDAI

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 Offers The Most Reliable Propellers.



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