RiSEA Propulsion Pte Ltd
Retractable/Azimuthing Electric Thruster Systems ...

Offering “Dynamic Azimuthing Power”…. RiSEA Propulsion Pte Ltd introduces the Podded Azimuthing/Retractable Thruster Systems with its “Electric-Podded Technology”. Low Installation and maintenance costs, compact designs and silent operation are only a few of the RiSEA Retractable and Azimuthing remarkable properties, producing effective .... Azimuthing Power and Dynamic Positioning....

Advanced Technology and Service Proven designs... Letting you... Slip in and out of the tight spots.

Our Retractable/Azimuthing Thruster Systems utilizes the latest in Control Concepts, Material Selection and Hydrodynamic Technology. They are suitable for all Dynamic Positioning Requirements and meets Classification Rules.

High Thrust to HP Ratio
Water Cooled
Environmentally Friendly
Proportional Thrust with VFD Low Harmonic Drives...

Effective Thrust Underway......

Retractable/Azimuthing Thruster Packages are offered from 250 to 1500 Kw for all types of marine vessels that require dynamic positioning or high maneuverability.

Excellent Maneuvering
Emergency Steering and ... Effective Azimuthing Power

RiSEA Propulsion Pte Ltd
We Understand Your Position!
Designed especially for vessels that require dynamic positioning, the RiSEA Propulsion Pte Ltd Retractable/Azimuthing Electric Thruster Systems combines’ full maneuverability with effective azimuthing power during those difficult periods of slow speed maneuvering or dynamic positioning. The system is ROBUST with little required maintenance and is...

RUTHLESSLY RELIABLE....

Full and Precise Control

Because of our unique…“Technology’ … fixed pitch propellers variable speed AC Drives and no drive reversals, the thruster system can be integrated into ships gyro system for heading keeping or Dynamic Positioning applications.

The RiSEA “Retractable/Azimuthing” Thruster Systems....

- Provides precise control for ships maneuvering in confined waters.
- Is equally effective in fully laden or un-laden vessels.
- Electrical motor designed as an integral part of the hub.
- Can be approved by all the classification bureaus for Unrestricted Sea Service and Ice Class Operations.

Ease of Installation with reduced costs...

With the electric motor designed as part f the thruster pod and water cooled, there are no requirements for forced air ventilation of the electric motor, no shafting requirements with no couplings and alignments necessary. The access compartment can therefore be designed for minimal space.

Noise Suppression Technology...

Because the electric motor is designed as an integral part of the thruster hub and attached directly to the propeller shaft, there are no gears boxes or gear reductions providing maximum system efficiency with lower noise levels produced. Typical tunnel thrusters cause considerable NOISE LEVELS in localities above and near thrusters when operating at full power.

Things Start Moving!

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