Established in the year 2005, is a holding company and has 2 subsidiaries in Singapore and a production plant in Jiangsu, China.

**Our Business**

*Systems Provider of Anchoring, Towing and Mooring Systems through the Distribution and Supply of Marine & Offshore Products Design Engineering and Manufacture of Equipment Technical Support and After-Sales Services*
ORGANIZATION STRUCTURE

MEP SYSTEMS
(Singapore)
Corporate

SSH (JIANGSU)
(China – Jiangsu)
Manufacturing

MEP DECK SOLUTIONS
(Singapore)
Sales and Marketing

MORDEC INTERNATIONAL
(Singapore)
Design and Engineering

SIN SENG HUAT MACHINERY MANUFACTURE (JIANGSU) CO., LTD

MEP DECK SOLUTIONS PTE LTD

MORDEC INTERNATIONAL PTE LTD

www.mepsystems.com.sg
MEP Group

Stringent Standards

Protect Health and Safety of Personnel

Quality Policy, Procedures, Processes and Resources

OHSAS 18001:2007 Occupational Health and Safety Management System,
ISO 9001:2008 Quality Management System

bizSAFE STAR

“In achieving these objectives, we are committed to the following principles with the full cooperation of all employees working as a team.”

www.mepsystems.com.sg
MEP is a leading one-stop Systems Provider of Anchoring, Towing and Mooring Systems for the Marine and Offshore industry. We specialize in the customized Design Engineering and Manufacture of equipment and provide Technical Support and After-Sales Services supported by a Maintenance Program for our customers. We are also in the business of Distribution and Supply of operating products and hardware for the anchoring, towing and mooring systems.

Equipment
With our Engineering team based in Singapore, which comprise of some of the best designers and engineers in the field, we design customized anchoring, towing and mooring equipment for all operating conditions. We fully understand the importance of product reliability and durability to our clients and our production facilities in China under Sin Seng Huat (Jiangsu) Marine Equipment have a focus on equipment longevity for use in harsh environments.

Services
MEP provides comprehensive, customized and reliable services for our equipment to customers around the world thanks to our network of specially trained experts. Our service is based on the reliability and the extensive technical knowledge and experience of our service engineers. Reducing downtime and restoring the productivity of customer machines is the primary concern of our engineers.

Products
MEP is a leading Distributor and Supplier of Anchors, Anchor Chains and Fittings, Hull Fittings, Steel Wire Ropes, Synthetic Ropes, Material Handling Systems which are the primary operating products and hardware of the Anchoring, Towing and Mooring Systems. Over the years, our supply network has expanded into the five major ports in China namely Shanghai, Tianjin, Guangzhou, Qingdao and Dalian. With over 200 suppliers connected to our supply chain program, MEP is able to provide Quality Products, Competitive Pricing; and Timely Services for your procurement needs.

MEP has been committed to providing high quality products and the highest level of customer service. We value our customers and look forward to our continued partnership.

www.mepsystems.com.sg
MEP’s products and equipment are certified by different members of IACS.
MEP’s Stringent Tests, Certificates & Awards
RIGGING PLANT – WIRE ROPE

Our Rigging Plants in Singapore and China provides the rope slings, rope terminations and other tailor-made assemblies that allow our customers to tackle their lifting challenges with confidence.

Based on MORDEC operational and safety procedures, every custom operation from cutting rope to applying hooks and shackles to making the most demanding sling, carries out the same assurance of safety.

MEP conducts In-House Testing of up to 150T for both proof and break load testing of material handling and lifting gears including wire ropes and slings. Our plant is equipped with the latest semi-manufacturing, assembling and testing equipment and facilities.

We have a full crew of qualified and certified rigging inspectors supported by a 150Ton x 15M test bed. We will load the equipment to the applicable proof test tension (between 125% and 200% of Lifting Capacity, depending on equipment type and class), enter the inspection results into the database, and print Test Certificates and have all inspection results readily available for the next Health and Safety Inspection
MANUFACTURING PLANT - EQUIPMENT

Our manufacturing plant was established in Qidong, China in 2010 and started off in a 10,000 square foot manufacturing facility. Steadily growing in experience and capability, Sin Seng Huat (Jiangsu) expanded by acquiring a second production bay to increase the total manufacturing area to 60,000 square foot.

Our current facility comes complete with overhead cranes, forming and fabrication equipment and an industrial sized paint booth. We are well-equipped to provide a complete range of manufacturing services, fabrication of steel structures, component manufacturing, blasting, painting and advanced coating.

In MEP’s plant, we test each piece of gear we manufacture. We have the large crane and winch test facilities, the certified test weights and the calibrated test equipment required to get the job done.

Simulating the most challenging shipboard working conditions, Sin Seng Huat (Jiangsu) tests all equipment functions and capabilities to the limits of their design specifications.
Mordec International has developed our **MORDEC™ Wire Rope Management Program** to help you and your company to save cost in a more effective way whether your vessel is in Shanghai or in Singapore.

- **MORDEC™ Crane Rope Inspection and Report**
  To ensure that the product characteristic meet prevailing international standards and requirements

- **MORDEC™ Crane Rope Assessment**
  Provides recommendations on the brand & type of crane rope to meet your operation requirements

- **Wire Rope Inspection Wear, Abrasion and Peening**

- **Wire Rope damage caused by multi layer drum winding**
SERVICES

WIRE ROPE MANAGEMENT PROGRAM (WRM)

- MORDEC™ Stock & Supplies Management
  Supports ship owners with the contract supply of stocks.
  - Contract Supply of wire ropes for Fleet
  - Contracted Price for a specific period
  - Stocking of wire ropes with specific length and terminations for each vessel
  - Strategic location for effective delivery from Singapore and China
  - Proper storage of wire ropes for flexible delivery period
  - Provide innovative Requisition and Tracking solutions

- MORDEC™ Preventive Maintenance Program
  Allow our customers to increase the life cycle of their wire ropes.

WIRE ROPE LUBRICATING SYSTEM

- Full penetration of lubrication into wire rope inner core
- Prolonged wire rope operating life span
- Reduce friction on equipment resulting in reduced wear and tear
- Uniform lubricating process
- It is lightweight, allows one-man operation
- Non-messy operation and reduce lubricant wastage
- Rids existing rust and grits accumulated during voyage and operation

Size: Up to 114mm

Stocks availability in Singapore & China!

Free Requisition and Tracking Solutions System!

www.mepsystems.com.sg
Mordec International has developed our MORDEC™ Anchor Chain Management Program to help you and your company to save cost in a more effective way whether your vessel is in Shanghai or in Singapore.

- **MORDEC™ Stock & Supplies Management**
  - Supports ship owners with the contract supply of stocks.
  - Advanced Planning of the Anchor Chain requirement.
  - Tracking solution to provide advanced notice on the replacement requirement before the next docking schedule.
  - Cost Savings!

- **MORDEC™ Anchor & Chain Afloat System Installation**
  - We have our own technicians to install the deck equipment & fittings in both OPL & IPL waters.

- **Size: 12.5mm – 132mm**
- **Size: 25kg - 25,000kg**
- **Free Requisition and Tracking Solutions System!**
- **Loading of Anchor & Chains onto Barge**
- **Connecting and marking of chain and kenter shackle**
- **Transportation to Mother Vessel at OPL**
- **Hoisting of chain to windlass gypsy & into the chain locker**

www.mepystems.com.sg
Modification requirements for vessels with:
- Length: 294.13m < L < 366m or
- Breadth: 32.31m < B < 49m or
- Draft: 12.04m < TFW < 15.2m

intending to transit the Panama Canal through the new extended locks according to ACP notice N-1-2016.

All vessels entering the New Panama Canal requires:
- **Double Chocks** with a throat opening area of not less than 900 cm²
- **SWL 90 tons** in towing operations from any direction
- **SWL 64 tons** in mooring operations from any direction

Free ACP-MPR Software Application indicates the actual deck fitting requirements! 

Design Engineering in accordance to ISO13728

Structural Material Properties in accordance to ACP
Global and Regional Supplies & Supports

HAI YANG SHI YOU 286

Combine Windlass, Winch, Capstan, HPU

83M PSV

150 Ton Mooring Winch

150 Ton Mooring Winch

www.mepsystems.com.sg
Global and Regional Supplies & Supports

Jurong Port
MORDEC 5T-18m Electro-Hydraulic Fixed Pedestal JIB Crane

China Merchants Heavy Industry
Fabricated Delta Anchor 7500 kg

Keppel FELS
Mooring Fittings
Asian Lift Singapore
SKF Bearings

ETA / SPM
Global and Regional Supplies & Supports
<table>
<thead>
<tr>
<th>Country</th>
<th>Company Name</th>
<th>Address</th>
<th>Contact Person</th>
<th>Email</th>
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<tbody>
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THANK YOU!