

COMPANY PROFILE

**ENGINEERING EXCELLENCE.
DELIVERING PERFORMANCE.**

**YOUR TRUSTED ENGINEERING PARTNER
FOR SOMALIA AND BEYOND**

Delivering innovative, reliable and sustainable engineering solutions for marine, industrial, power, port and fisheries sectors.



INNOVATION
Advanced technology and modern solutions



QUALITY
International standards and best practices



RELIABILITY
Proven performance and durable solutions



SAFETY
Committed to HSE and environmental care



PARTNERSHIP
Building long-term relationships

OUR GLOBAL PRESENCE



- SRI LANKA** (Head Office)
- SINGAPORE**
- INDIA**
- UNITED KINGDOM**
- CANADA**



30+
YEARS OF
EXPERIENCE



5
GLOBAL
OFFICES



250+
SKILLED
PROFESSIONALS



1000+
SUCCESSFUL
PROJECTS

OUR CORE BUSINESS AREAS



MARINE ENGINEERING

- Engine Overhauls
- Marine Spares
- Repairs & Maintenance
- Ship Repairs & Dry Docking
- Marine Equipment



POWER GENERATION

- Diesel Generators
- Gas Generators
- Power Plants
- Installation & Commissioning
- Maintenance & Support



INDUSTRIAL SOLUTIONS

- Industrial Air Compressors
- Pumps & Valves
- Boilers & Steam Systems
- Workshop Machinery
- Automation Solutions



PORT EQUIPMENT & MATERIAL HANDLING

- Container Handling Equipment
- Forklifts & Reach Stackers
- Terminal Tractors & Trailers
- Spare Parts & Service



FIRE PROTECTION SYSTEMS

- Fire Pumps (Engine & Electric)
- Fire Pump Packages
- Fire Fighting Systems
- Inspection & Maintenance



WATER & ENVIRONMENT SOLUTIONS

- Water Treatment Plants
- Reverse Osmosis Plants
- Sewage Treatment Plants
- Wastewater Solutions



FISHERIES & SEAFOOD PROCESSING SOLUTIONS

Complete solutions for fishing, processing, preservation and export.

FISH PROCESSING PLANTS

- Fish Cleaning & Gutting Machines
- Fish Washing & Sorting Systems
- Fish Grading & Sorting Machines
- Fish Filleting & Skinning Machines
- Cutting & Portioning Machines
- Packaging & Vacuum Packaging



FISH MEAL & FISH OIL PLANTS

- Fish Cooking, Pressing & Drying
- Fish Meal Grinding & Milling
- Fish Oil Extraction & Separation
- Storage Silos & Bulk Handling



ICE MAKING SOLUTIONS

- Block Ice Plants
- Flake Ice Machines
- Tube Ice Machines
- Cube Ice Machines
- Slurry Ice Systems
- Ice Crushers
- Ice Storage Rooms



REFRIGERATION & COLD CHAIN

- Cold Rooms & Blast Freezers
- Refrigeration Systems
- Reverse Osmosis Plants
- Condensing Units
- Evaporators
- Cold Chain Distribution



FISHING HARBOUR EQUIPMENT

- Fish Handling Cranes
- Deckside Conveyors
- Hydraulic Winches
- Fish Box Washing Systems
- Loading & Unloading Systems



MARINE & VESSEL EQUIPMENT

- Marine Diesel Engines
- Marine Gearboxes
- Propeller Systems
- Marine Generators
- Hydraulic Power Packs
- Navigation & Safety Equipment



SUPPORTING EQUIPMENT & SERVICES

INDUSTRIAL MACHINERY

- Air Compressors
- Pumps & Valves
- Boilers & Steam Generators
- Water Pumps
- Workshop Machinery



POWER SOLUTIONS

- Diesel Generator Sets
- Load Banks
- Automatic Transfer Switches
- Control & Synchronizing Panels



UTILITIES & TREATMENT

- Water Treatment Plants
- Reverse Osmosis Plants
- Wastewater Treatment Plants
- Chemical Dosing Systems



MATERIAL HANDLING

- Forklifts
- Reach Stackers
- Pallet Trucks
- Electric Stackers
- Dock Levellers



ENGINEERING SERVICES

- Engineering Design
- Plant Installation
- Commissioning
- Maintenance Contracts
- Spare Parts Supply
- Technical Training
- 24/7 Service & Support

WE SERVICE & SUPPLY

We service and supply a wide range of world renowned brands and equipment to ensure reliability, performance and long-term value for our clients.

- Marine Engines & Spares
- Generators & Power Systems
- Industrial Machinery & Equipment
- Pumps, Valves & Compressors
- Boilers & Steam Systems
- Refrigeration & Cold Chain
- Fire Protection Systems
- Port & Material Handling Equipment
- Fisheries & Processing Machinery
- And Many More

GENUINE SPARES | EXPERT SERVICE | RELIABLE SUPPORT

INDUSTRIES WE SERVE

- Fisheries & Seafood
- Marine & Shipping
- Ports & Terminals
- Oil & Gas
- Power Generation
- Manufacturing
- Construction
- Hospitality
- Government & NGOs
- Water & Utilities

CERTIFICATIONS

- ✓ ISO 9001:2015 – Quality Management
- ✓ ISO 14001:2015 – Environmental Management
- ✓ ISO 45001:2018 – Occupational Health & Safety
- ✓ Compliant with International Standards



HEAD OFFICE – SRI LANKA
MERMAID SOLUTIONS PVT LTD

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GLOBAL PRESENCE

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- UNITED KINGDOM**
Mermaid North London Ltd
71-75 Shelton Street,
Covent Garden, London
WC2H 9JQ, United Kingdom.
- CANADA**
Mermaid North America Inc.
Canada.



SUCCESSFUL SUPPLY OF AERIAL PLATFORM TRUCK TO SRI LANKA PORTS AUTHORITY



SAFE.
RELIABLE.
EFFICIENT.



BUILT FOR
PERFORMANCE



DELIVERED
WITH EXCELLENCE



CLIENT

Sri Lanka Ports Authority (SLPA)



SUPPLIER

Mermaid Solutions Pvt Ltd



LOCATION

Colombo, Sri Lanka



PROJECT DATE

2024



TENDER NUMBER

CES/FP/06/PT/5942(MP)



MANUFACTURER

CTE S.p.A., Italy



EQUIPMENT SUPPLIED

CTE ZED 26 AERIAL PLATFORM

MOUNTED ON IVECO DAILY 70C15 CHASSIS

- ✓ Working Height: 26.00 m
- ✓ Platform Height: 24.00 m
- ✓ Max. Outreach (with 120 kg): 14.00 m
- ✓ Basket Capacity: 250 kg (2 persons)
- ✓ 360° Turret Rotation
- ✓ Electro-hydraulic Controls
- ✓ Compact & High Performance
- ✓ Ideal for Port Maintenance & Height Access Operations



PROJECT OVERVIEW

Mermaid Solutions Pvt Ltd successfully completed the supply of one aerial platform truck to the Sri Lanka Ports Authority under a competitive tender process.

The project involved the procurement and delivery of a high-performance ZED 26 aerial platform mounted on an IVECO Daily 70C15 chassis, manufactured by CTE S.p.A., Italy.



PROJECT SCOPE



1 Unit of Man Lift Truck
(Aerial Platform Truck)



Tender awarded through
competitive international bidding.



COMPLETION STATUS

The project was successfully completed with the delivery and commissioning of the aerial platform truck, fully compliant with SLPA's procurement and technical requirements.



KEY DELIVERABLES

- ✓ The aerial platform truck was supplied with full compliance to SLPA's technical specifications.
- ✓ The unit was pre-tested and certified by the manufacturer before shipment.
- ✓ Delivered with Foreign Testing & Inspection Certifications.
- ✓ Comprehensive operator training and local commissioning.
- ✓ One-year warranty included.



VALUE ADDITION

The project aimed to improve SLPA's operational capabilities for maintenance and height-access tasks, ensuring safe and efficient working conditions at the port facilities.

The supplied equipment met all operational and safety standards as per international norms.



DELIVERED WITH
QUALITY



OPERATOR TRAINING
& HANDOVER



PRE-TESTED &
CERTIFIED



SAFE, RELIABLE.
BUILT TO PERFORM.



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MERMAID
SOLUTIONS PVT LTD



SUCCESSFUL MAJOR OVERHAUL OF SRI LANKA NAVY GENERATOR

Mermaid Solutions Pvt Ltd is proud to announce the successful completion of a major overhaul of a **Caterpillar 3406B** diesel generator onboard SLNS Samudura.



LOCATION

SLNS SAMUDURA



CLIENT

Sri Lanka Navy



SERVICE PROVIDER

Mermaid Solutions
Pvt Ltd



LOCATION

SLNS Samudura

CATERPILLAR 3406B
MARINE DIESEL GENERATOR

PROJECT HIGHLIGHTS



Replacement of
179 genuine Caterpillar
OEM spare parts



Non-Destructive Testing (NDT)
performed on all key engine
and generator components



Generator insulation restored to
Class H marine standards
(improved from **0 MΩ** to **150 MΩ**)



Successful load testing up to
100% rated capacity under
Navy supervision



Project completed with
one-year warranty on all
workmanship and parts



LOAD TESTED
UP TO
100%
RATED LOAD



ENGINE OVERHAUL



GENUINE CAT PARTS



NDT INSPECTION



LOAD TESTING



IMPACT FOR THE NAVY

This project has ensured that SLNS Samudura's generator system is fully compliant with Caterpillar OEM standards, significantly reducing downtime risks and enhancing mission readiness.



OUR COMMITMENT

At Mermaid Solutions, we take pride in supporting national defense clients with world-class marine engineering services. From overhauls to preventive maintenance, our team delivers trusted solutions to keep critical assets performing at their best.



MERMAID
SOLUTIONS PVT LTD



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PROJECT CONTACT

Namal Fernando

Director - Projects &
After Sales Service



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ENGINE OVERHAULS
& REBUILDS



GENERATOR & ALTERNATOR
SERVICING



MARINE REPAIRS &
MAINTENANCE



OEM STANDARDS
& QUALITY ASSURED



24/7 SUPPORT &
AFTER SALES SERVICE

THANK YOU SRI LANKA NAVY FOR YOUR CONTINUED TRUST IN MERMAID SOLUTIONS.

SEAKEEPER HD-26 REPAIR & RECOMMISSIONING SUCCESSFULLY COMPLETED

Mermaid Solutions Pvt Ltd successfully completed the repair, servicing, and recommissioning of the **Seakeeper HD-26** Gyro Stabilizer System installed onboard the **Pilot Boat "Ruhuna 01"** at Hambantota International Port.

The vessel reported a Low Brake Pressure Alarm along with brake bushing wear, and our marine engineering team carried out the required corrective maintenance and system restoration successfully.



PROJECT LOCATION
HAMBANTOTA INTERNATIONAL PORT



VESSEL
PILOT BOAT "RUHUNA 01"

SCOPE OF WORK



Replacement of
brake bushings



Brake system servicing &
pressure re-stabilization



Inspection of accumulators &
proportional valve



Hydraulic and cooling
system inspection



Electrical component,
sensor & solenoid inspection



System operational testing &
recommissioning



ABOUT SEAKEEPER GYRO STABILIZER SYSTEMS

Seakeeper systems are advanced marine gyro stabilizers designed to reduce vessel rolling motion by up to **95%**, improving onboard safety, comfort, and operational stability both underway and at anchor.



BENEFITS OF SEAKEEPER SYSTEMS

- ✓ Significant reduction of vessel roll
- ✓ Improved crew and passenger comfort
- ✓ Enhanced vessel stability during operations
- ✓ Reduced seasickness and crew fatigue
- ✓ Better protection for onboard equipment
- ✓ Ideal for pilot boats, yachts, and commercial vessels



WE ARE PROUD TO SUPPORT CRITICAL MARINE OPERATIONS WITH PROFESSIONAL ENGINEERING SOLUTIONS AND SPECIALIZED MARINE EQUIPMENT SERVICING ACROSS SRI LANKA.



YOUR TRUSTED PARTNER FOR
**MATERIAL
HANDLING
SOLUTIONS**

SUPPLYING WORLD-CLASS **HELI**
MATERIAL HANDLING EQUIPMENT
ACROSS SRI LANKA



SALES



SUPPLY



SERVICE



SPARE
PARTS



**PROVEN PERFORMANCE.
TRUSTED BY SRI LANKA PORT AUTHORITY.**

Mermaid Solutions Pvt Ltd is the authorized supplier of Heli Material Handling Equipment in Sri Lanka, delivering reliable, efficient, and cost-effective solutions for port and industrial operations.



PROVEN IN THE TOUGHEST
MARINE & PORT ENVIRONMENTS

SUPPLIED TO
SRI LANKA PORT AUTHORITY



30+

UNITS ALREADY
IN OPERATION
AT SRI LANKA PORT
AUTHORITY



HIGH PERFORMANCE & RELIABILITY

Built with advanced technology for maximum uptime in demanding environments.



LOW MAINTENANCE & COST EFFECTIVE

Designed for durability and easy maintenance, reducing total cost of ownership.



WIDE RANGE OF CAPACITIES

From 1.5T to 16T – Electric, Diesel & LPG models to suit every application.



WORLD-CLASS SUPPORT

Backed by Mermaid Solutions' expert after-sales service, spare parts & technical support.

OUR HELI MATERIAL HANDLING RANGE

FORKLIFT TRUCKS
1.5T – 16T



DIESEL FORKLIFTS
2.5T – 16T



ELECTRIC FORKLIFTS
1.5T – 5T



REACH TRUCKS
1.6T – 2.5T



PALLET TRUCKS
2T – 3T



STACKERS
1T – 2T



OPTIMIZED FOR PORT &
HEAVY DUTY OPERATIONS



ENHANCED SAFETY
& OPERATOR COMFORT



MAXIMUM UPTIME
& PRODUCTIVITY



TRUSTED BY INDUSTRY LEADERS
ACROSS SRI LANKA

A Story of

RELIABILITY & EXCELLENCE!

DOCKING REPAIRS, REACTIVATION & ANNUAL DOCKING OF PILOT BOAT



RUHUNA 01



EXPERT
ENGINEERING



SAFETY
COMPLIANCE



QUALITY
SERVICE



TRUSTED
PARTNER

THE JOURNEY OF RUHUNA 01

The journey of Ruhuna 01 has been one of transformation and resilience!

Originally supplied by China Harbour Engineering Corporation (CHEC) to the Sri Lanka Ports Authority (SLPA), the vessel initially faced stability and operational challenges.

Mermaid Solutions Pvt Ltd stepped in to rectify these issues, ensuring the boat met Lloyd's Register classification standards.

Following the successful modifications, CHEC officially handed over Ruhuna 01 to SLPA in 2016, and it later became the only operational pilot vessel of Hambantota International Port Group.

ANNUAL DOCKING CONDUCTED BY MERMAID SOLUTIONS PVT LTD



- ✓ Hull Inspection & Thickness Measurement
- ✓ Steel Renewal & Structural Repairs
- ✓ Propeller & Shaft Inspection / Overhaul
- ✓ Hull Cleaning (Grit Blasting)
- ✓ Surface Preparation & Painting
- ✓ Anode Replacement
- ✓ System & Equipment Inspection
- ✓ Sea Trials & Performance Testing

OUR SCOPE OF WORK



Docking &
Undocking



Hull Repairs
& Maintenance



Machinery & Propulsion
System Servicing



Painting &
Surface Protection



Annual Docking
& Compliance

“From challenges to reliability – we restore confidence on every voyage.”



COMPLIANT WITH
LLOYD'S REGISTER
STANDARDS



ONLY OPERATIONAL
PILOT VESSEL OF
HAMBANTOTA PORT



DELIVERING SAFETY,
RELIABILITY &
OPERATIONAL EXCELLENCE



RUHUNA 01
PILOT BOAT

