



AL GROUPS

MARINE ENGINEERING & SHIP REPAIR SPECIALISTS



MARINE ENGINEERING. BUILT ON TRUST.

Delivering reliable marine engineering, ship repair, and heavy fabrication solutions across **India** and **overseas**.



25+
YEARS OF EXPERIENCE



500+
PROJECTS DELIVERED



40+
SKILLED PROFESSIONALS



LICENSED & CERTIFIED
SHIP REPAIR COMPANY



SHIP REPAIRERS
SINCE 2000

LICENSED SHIP
REPAIR COMPANY



SHIP REPAIR
Onboard & Yard
Repair Solutions



**SHIPBUILDING &
HEAVY FABRICATION**
Precision. Strength.
Performance.



**MARINE
ENGINEERING**
Design. Fabrication.
Execution.



QUALITY & SAFETY
Committed to Quality,
Safety and On-time
Execution.

★ **PROVEN WORK. TRUSTED EXECUTION.**
PARTNERING IN PROGRESS. DELIVERING EXCELLENCE.



LICENSED
SHIP REPAIR
COMPANY



Location:
goa , verna



Website:
www.algrabs.com



Email:
alindustries_ho@yahoo.co.in



WHO WE ARE

Building Trust. Delivering Excellence.

AL Groups is a leading marine engineering and ship repair company offering comprehensive solutions in ship repair, shipbuilding, dredging, spud engineering, heavy fabrication, and industrial equipment services.

With over two decades of experience, a skilled workforce, and state-of-the-art facilities, we execute projects with precision, safety, and commitment to quality.



AL GROUPS AT A GLANCE



ESTABLISHED
Since 2000



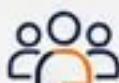
SHIP REPAIR LICENSE
Licensed



EXPERIENCE
25+ Years



PROJECTS
500+ Completed



WORKFORCE
40+ Skilled Professionals



WORKSHOP
Verna Industrial Estate,
Goa, India



OPERATIONS
Goa | Kakinada | Vizag



QUALITY STANDARDS
ISO 9001:2015



MISSION

To deliver reliable and cost-effective marine engineering solutions with uncompromising quality, safety, and on-time execution.



VISION

To be a trusted and preferred partner in the marine and heavy engineering industry, recognized for excellence, innovation, and integrity.



CORE VALUES

- Integrity & Transparency
- Safety First
- Quality Commitment
- Customer Focus
- Teamwork & Respect
- Continuous Improvement





OUR CLIENTS



TRUSTED BY INDUSTRY LEADERS



Delivering Material Handling Solutions Since 2009



SHIPPING CORPORATION
OF INDIA



JSW



LARSEN & TOUBRO



ADANI PORTS
AND SPECIAL ECONOMIC ZONE



MORMUGAO
PORT AUTHORITY



ITD Cementation
India Limited

ITD CEMENTATION
INDIA LIMITED

JM BAXi
THE PORT SPECIALIST
MARINE SERVICES

JM BAXI
MARINE SERVICES

ESSAR
SHIPPING

ESSAR
SHIPPING



FLEET MANAGEMENT
LIMITED



PORTS



SHIPPING



MARINE



DREDGING



INFRASTRUCTURE



MINING



STEEL



LOGISTICS



100+

PROJECTS DELIVERED
ACROSS INDIA & OVERSEAS



Location:
goa , verna

Website:
www.algrabs.com

Email:
alindustries_ho@yahoo.co.in

AL RISING STAR

FLAT TOP DECK LOADING BARGE



	PROJECT TYPE Flat Top Deck Loading Barge		STATUS Completed		YEAR 2025		CLASSIFICATION Indian Register of Shipping (IRS)
--	---	--	----------------------------	--	---------------------	--	---

PROJECT OVERVIEW

AL Rising Star is a Flat Top Deck Loading Barge designed and constructed by AL Industries to support heavy cargo transportation and marine logistics operations in coastal waters. The vessel has been engineered in accordance with the Indian Register of Shipping (IRS) classification requirements and is intended for transporting heavy construction materials, machinery, vehicles, and other bulk cargo.

The project demonstrates our capabilities in marine engineering, structural steel fabrication, shipbuilding, and vessel outfitting while maintaining high standards of quality, safety, and workmanship.



SCOPE OF WORK

- Engineering & Planning
- Hull Fabrication
- Structural Steel Construction
- Flat Deck Fabrication
- Marine Outfitting
- Deck Reinforcement
- Towing Arrangement Installation
- Mooring Arrangement Installation
- Surface Preparation & Painting
- Testing & Final Delivery

KEY HIGHLIGHTS

- Large usable deck area for heavy cargo
- Strong reinforced flat deck structure
- Designed for coastal & near shore operations
- High structural integrity & durability
- Optimized for heavy cargo transportation
- Reliable mooring & towing arrangements
- Built with quality, safety & precision

SUITABLE CARGO

- Heavy Construction Equipment
- Construction Materials
- Industrial Machinery
- Vehicles & Trailers
- Steel Structures
- Breakwater Blocks
- Marine Equipment
- Project Cargo

VESSEL PARTICULARS

	VESSEL NAME	AL Rising Star
	VESSEL TYPE	Flat Top Deck Loading Barge
	PROPULSION	Non-Propelled
	CLASSIFICATION	Indian Register of Shipping (IRS)
	CONSTRUCTION TYPE	Welded Steel Hull
	OPERATIONAL AREA	Coastal Waters / Near Shore Operations

PRINCIPAL DIMENSIONS

PARAMETER	VALUE
Length Overall	58 m
Breadth	16 m
Depth	3.5 m
Gross Registered Tonnage	825 T
Net Registered Tonnage	248 T
Deck Area	928 m ²
Usable Deck Area	900+ m ²
Estimated Light Draft	1.8 – 2.2 m
Estimated Loaded Draft	2.7 – 3.2 m

TANK CAPACITY

TANK	CAPACITY
Fuel Oil	79 T
Fresh Water	165 T

DECK ARRANGEMENT & FEATURES

- Wide access opening below forecastle deck
- Four-point mooring system
- Bow & stern towing posts with chocks
- Hand winches
- Flat reinforced steel deck
- Removable bulwark & railing on main deck
- Dash boards installed after mat fixing
- Heavy-duty cargo deck configuration



HULL CONSTRUCTION



DECK FABRICATION



OUTFITTING WORK



COMPLETED VESSEL



AL Rising Star is built to deliver **strength, reliability, and performance** for heavy cargo transportation and marine logistics operations.



**QUALITY
SHIPBUILDING**
Built to Standards



**STRONG & DURABLE
CONSTRUCTION**
High Structural Integrity



**LARGE USABLE
DECK AREA**
900+ m²



**SAFETY
FIRST**
Always



**ON TIME
DELIVERY**
Committed



INTERNATIONAL MARINE PROJECT

SPAR LYNX

CRANE BOOM REPAIR & FLEET MAINTENANCE



AL GROUPS

BEFORE



SCOPE OF WORK

- ✓ Crane Boom Structural Inspection
- ✓ Damage Assessment
- ✓ Structural Repair
- ✓ Heavy Structural Welding
- ✓ Reinforcement & Fabrication
- ✓ Mechanical Maintenance
- ✓ Alignment Verification
- ✓ Final Inspection & Commissioning



ENGINEERING EXPERTISE

- Marine Crane Repair
- Structural Steel Fabrication
- Heavy Equipment Rehabilitation
- Fleet Maintenance
- Industrial Welding
- Precision Engineering

AFTER



AFTER



Successfully completed the structural rehabilitation of the **SPAR LYNX** crane boom in **Hong Kong** within just **7 days**, minimizing operational downtime while restoring full **structural integrity** and **operational reliability**.



MARINE
ENGINEERING
Expert Solutions



CRANE
REHABILITATION
Safe & Reliable



HEAVY
FABRICATION
Built to Last



QUALITY
ASSURED
High Standards



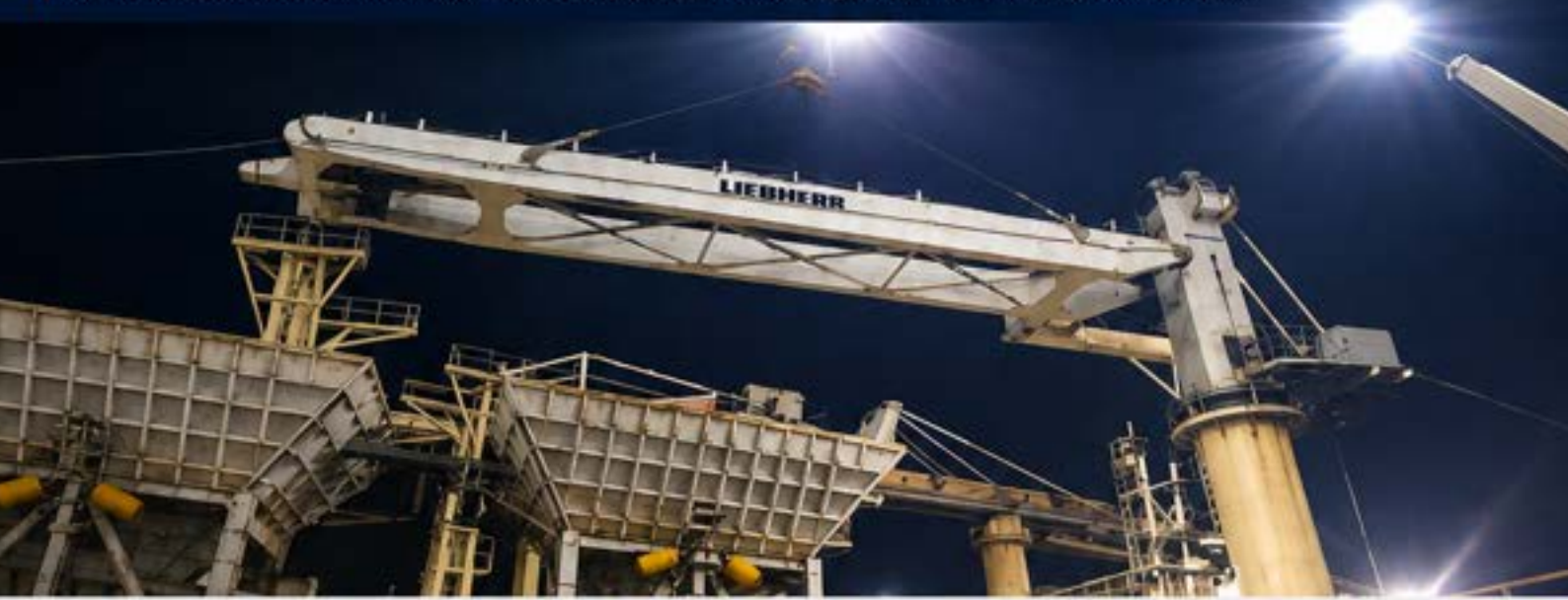
INTERNATIONAL
PROJECT
Global Presence

JIB CRANE REPAIR & RESTORATION



	CLIENT	Vedanta Limited (Amba Shipping Limited)
	VESSEL	M.V. Royal Sesa
	LOCATION	Onboard Execution

Execution of critical onboard repair and restoration of **Jib Crane No.2** demonstrating AL Groups' expertise in heavy marine equipment handling under operational conditions.



SCOPE OF WORK

- ✓ Detailed inspection and condition assessment of crane system
- ✓ Dismantling of damaged and worn-out components
- ✓ Repair and refurbishment of mechanical assemblies
- ✓ Alignment and precision reinstallation
- ✓ Functional testing and operational readiness

TECHNICAL EXECUTION

- ✓ Onboard execution in constrained working conditions
- ✓ Handling of heavy-duty crane mechanisms
- ✓ Skilled welding, fitting, and mechanical restoration
- ✓ Coordination with vessel operations team



Mechanical Internal (Before)



Cracks & Inner Repair Shot



Welding, Fitting & Reinstallation



Reliable Performance (Post Repair)



Proven capability in executing complex marine repairs directly onboard with **precision** and **reliability**.



ONBOARD
EXECUTION
Safe & Efficient



EXPERT
TEAM
Skilled Professionals



QUALITY
ASSURED
Reliable Results



TIMELY
DELIVERY
On Schedule



CLIENT
TRUSTED
Long-Term Partnership

SEMBMARINE KAKINADA LIMITED



PROJECT EXPERIENCE ——— 



COMPANY NAME

Sembmarine Kakinada Limited



WORK

Bollard, Fairleader Rollar, Roller Top Cover
Under IRS Manufacture and Supply

AL Groups executed the manufacture and supply of high-quality **Bollards**, **Fairleader Rollers**, and **Roller Top Covers** as per IRS standards for Sembmarine Kakinada Limited.



SCOPE OF WORK

- ✓ Manufacture of Bollards as per IRS specifications
- ✓ Manufacture of Fairleader Rollers for smooth rope operations
- ✓ Manufacture of Roller Top Covers for enhanced performance
- ✓ Precision machining, welding, and fabrication
- ✓ Surface preparation and protective coating
- ✓ Dimensional inspection and quality assurance



BOLLARD



FAIRLEADER ROLLER



ROLLER TOP COVER



KEY HIGHLIGHTS

- ✓ Manufactured strictly in accordance with IRS standards
- ✓ Robust fabrication with high-strength materials
- ✓ Precision machining for accurate fit and performance
- ✓ Durable coating for enhanced corrosion resistance
- ✓ Timely delivery with consistent quality



OUTCOME & BENEFITS

- ✓ Reliable and durable marine deck fittings
- ✓ Smooth and efficient mooring and rope handling
- ✓ Compliance with IRS standards and quality norms
- ✓ Strengthened operational safety and performance



Delivering **precision-engineered** marine deck equipment
with **quality**, **strength** and **reliability**.



ONBOARD
EXECUTION
Safe & Efficient



EXPERT
TEAM
Skilled Professionals



QUALITY
ASSURED
Reliable Results



TIMELY
DELIVERY
On Schedule



CLIENT
TRUSTED
Long-Term Partnership



PROJECT EXECUTION & CLIENT WORK RECORD



Shipping Corporation of India (SCI) – Onboard Execution Works



KEY EXECUTED WORKS

- ✓ Pump impeller repair and renewal of critical components onboard ORV Sagar Kanya, Goa Port
- ✓ Manhole repair and bolt replacement works ensuring structural integrity onboard ORV Sagar Kanya
- ✓ Repair, renewal, and dynamic balancing of AHU blower systems onboard ORV Sagar Kanya
- ✓ Renewal, welding, and precision fitting of pump "T" elbow systems onboard ORV Sagar Kanya
- ✓ Hatch cover hydraulic cylinder repair and seal renewal onboard MV Vishwa Vikas, Goa Port

Consistently delivering onboard repair, fabrication, and mechanical execution services for critical marine assets, ensuring **operational reliability** and **performance**.



Consistently delivering onboard repair, **fabrication, and mechanical execution** services for critical marine assets, ensuring **operational reliability** and **performance**.



**ONBOARD
EXECUTION**

Safe & Efficient



**PRECISION
WORKMANSHIP**

Quality Assured



**TIMELY
DELIVERY**

On Schedule



**SAFETY
FIRST**

Always



**CLIENT
FOCUSED**

Results Driven

SPUD DESIGN, FABRICATION & REHABILITATION



PROJECT OVERVIEW

AL Industries specializes in the design, fabrication, repair, rehabilitation, and installation of marine spuds for dredgers, spud barges, jack-up platforms, and other marine construction equipment. With extensive experience in heavy structural fabrication and precision engineering, we deliver durable, high-performance spud systems engineered to withstand demanding offshore and dredging operations.

SCOPE OF WORK

- Engineering Design & Detailing
- Spud Fabrication
- Structural Steel Fabrication
- Spud Rehabilitation
- Spud Strengthening & Reinforcement
- Alignment & Dimensional Verification
- Welding & Heavy Fabrication
- Mechanical Assembly
- Surface Preparation & Protective Coating
- Installation & Commissioning

ENGINEERING EXPERTISE

- Marine Spud Engineering
- Heavy Structural Fabrication
- Dredger Equipment Repair
- Spud Barge Construction
- Precision Welding
- Dimensional Inspection
- Marine Steel Structures
- Heavy Equipment Rehabilitation

WHY AL INDUSTRIES?

- End-to-end engineering support
- Experienced fabrication team
- Heavy fabrication infrastructure
- In-house manufacturing capability
- Proven marine engineering expertise
- Quality-focused execution
- Timely project delivery
- Custom-built solutions for client requirements



AL GROUPS



CLIENT
Dredging Corporation
of India (DCI)



PROJECT
Dredge XVIII
Spud Rehabilitation



EXECUTION
Complete Dismantling
• Repair • Reinstallation



DURATION
45 Days



FABRICATION & REHABILITATION PROCESS



FABRICATION



STRUCTURAL WELDING



REPAIR & REINFORCEMENT



ASSEMBLY & FITTING



APPLICATIONS



CUTTER SUCTION
DREDGERS



TRAILING SUCTION
HOPPER DREDGERS



SPUD BARGES



JACK-UP
PLATFORMS



FLOATING
CRANES



MARINE CONSTRUCTION
PROJECTS



PORT
DEVELOPMENT



OFFSHORE
INFRASTRUCTURE



Delivering **precision-engineered** marine spud systems that ensure **structural strength, operational reliability, and long service life** in demanding marine environments.

SPECIALISED DREDGING EQUIPMENT

SEA BED LEVELLER

DESIGN • FABRICATION • MARINE EXECUTION



AL GROUPS

PROJECT OVERVIEW

AL Industries specializes in the design and fabrication of heavy-duty sea bed levellers used in dredging and marine infrastructure projects. Engineered for underwater levelling and seabed preparation, our levellers are designed to withstand harsh marine environments while ensuring operational efficiency, structural strength, and long service life.

APPLICATIONS

- Port Development
- Harbour Deepening
- Dredging Operations
- Channel Maintenance
- Reclamation Projects
- Offshore Infrastructure
- Marine Construction

SCOPE OF WORK

- ✓ Engineering Design
- ✓ Structural Analysis
- ✓ Heavy Steel Fabrication
- ✓ Welding & Assembly
- ✓ Surface Preparation
- ✓ Quality Inspection
- ✓ Testing
- ✓ Delivery

**BUILT FOR
DREDDGING
CORPORATI
ON OF INDIA
(DCI)
2017**



EQUIPMENT SPECIFICATIONS

PARAMETER	DETAILS
Equipment	Sea Bed Leveller
Application	Dredging & Seabed Levelling
Construction	Welded Steel Construction
Fabrication	Heavy Duty Marine Fabrication
Operation	Underwater / Marine Environment
Coating	Marine Grade Protective Coating
Custom Built	As per Project Requirement

TECHNICAL DRAWING / GENERAL ARRANGEMENT



Engineered to deliver **accurate seabed profiling, exceptional structural durability, and reliable performance** for demanding dredging and marine construction operations.



**MARINE
ENGINEERING**
Expert Solutions



**HEAVY
FABRICATION**
Built to Last



**DREDGING
EQUIPMENT**
Specialised Design



**QUALITY
ASSURED**
Reliable Results



**PRECISION
MANUFACTURING**
High Standards



SPECIALISED DREDGING EQUIPMENT

CUSTOM DRAG HEADS



Engineered for Efficient Dredging.
Built for Performance.

ALGRABS Drag Heads are designed to deliver maximum efficiency and reliability in dredging operations. Built with robust construction and optimized flow geometry, our drag heads are fully customizable to meet the demands of your project.

HEAVY DUTY
LIFTING LUGS
For safe and
secure handling

REPLACEABLE
WEAR COMPONENTS
Extend service life and
reduce maintenance

WEAR RESISTANT
CUTTING EDGE
High performance
in abrasive conditions



CUSTOM FLANGE
CONFIGURATION
Available in various
sizes and standards

OPTIMIZED
FLOW PASSAGE
Efficient slurry intake
for improved productivity



APPLICATIONS



MAINTENANCE
DREDGING



CAPITAL
DREDGING



SAND
MINING



PORT
DEEPENING



RECLAMATION
PROJECTS

KEY FEATURES

- ✓ Heavy duty lifting lugs for safe handling
- ✓ Replaceable wear components for longer service life
- ✓ Wear resistant cutting edge for abrasive conditions
- ✓ Custom flange configurations available
- ✓ Optimized flow passage for better efficiency
- ✓ Robust & reliable construction
- ✓ Low maintenance design
- ✓ Built to your project requirements

PRODUCT VIEWS

3D OVERVIEW



REAR FLOW VIEW



SPECIFICATIONS

	DREDGE TYPE	Cutter Suction
	MATERIAL	Application Specific
	FLANGE SIZES	Custom
	WEAR PROTECTION	Available
	DESIGN STANDARDS	Client Requirement
	COATING	Marine Grade Coating
	CUSTOMIZATION	Fully Customizable



BUILT TO YOUR REQUIREMENTS

Every drag head is engineered based on dredger specifications, material characteristics, and project requirements to ensure optimal performance and long service life.



Custom built. **High performance.** Maximum reliability.
Designed to deliver superior results in every dredging operation.



MARINE
ENGINEERING
Expert Solutions



HEAVY
FABRICATION
Built to Last



SPECIALISED
EQUIPMENT
Optimized Design



QUALITY
ASSURED
Reliable Results



ON TIME
DELIVERY
Committed





CONTACT US

For enquiries, product information, technical consultations, customized grab solutions and after-sales support, please contact our team.



CORPORATE OFFICE



Office No. 302 & 303, 3rd Floor
Anand Trade Centre
Vasco da Gama,
Goa – 403802, India



+91 8322500689 / 2516136



alindustries_ho@yahoo.co.in



MANUFACTURING FACILITY



L-121-A/2-3-A,
Verna Industrial Estate,
Verna, Quelossim,
Goa – 403722, India



+91 9372269724 / 9403686521

OUR LOCATION



Scan/Click to open in Google Maps

KEY CONTACTS



Mr. Arul Thomas
Director



+91 9403686521



sales@algrabs.com



Mr. Vidhyadhar Naik
Sales & Operations



+91 9764238345



Mr. Anthony Jenson
**Business Development
& Marketing**



+91 8322500689



EMAIL

sales@algrabs.com
marketingalgroup@gmail.com
alindustries_ho@yahoo.co.in



WEBSITE & SOCIAL

www.algrabs.com
 LinkedIn: AL Groups



CONNECT WITH US

Follow us on LinkedIn
for company updates,
projects and more.

COMPANY CREDENTIALS



ESTABLISHED
2009



LEGAL STATUS
PRIVATE LIMITED
COMPANY



GSTIN
30AAHCA7122M1ZU



MANUFACTURING AREA
3,500 m² COVERED
7,500 m² OPEN



EXPERIENCE
15+ YEARS OF
MANUFACTURING
EXCELLENCE



Location:
goa , verna



Website:
www.algrabs.com



Email:
alindustries_ho@yahoo.co.in