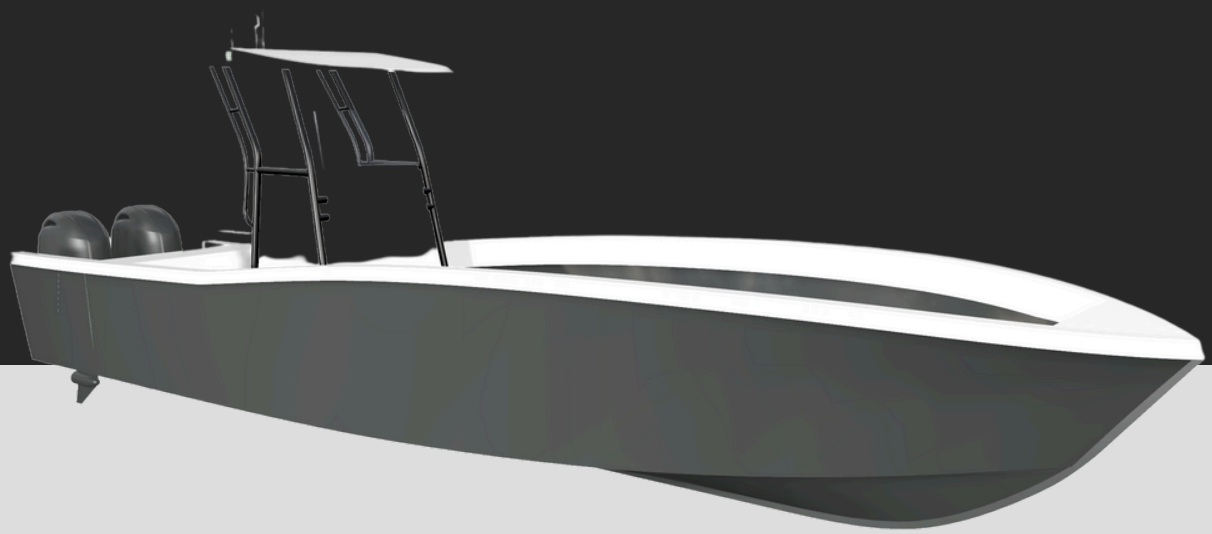
SKYE ADVANCE



SKYE GOODS TRANSPORTER 8500

Skye 10 Series Lightweight Workboats

MADE TO WORK

SKYE 10 SERIES
WORKBOAT 8500

SKYE ADVANCE

01

SkyeAdvance Introduction

At Skye Advance Africa, we are more than boat builders—we are drivers of progress, committed to delivering high-quality, custom-built workboats that serve Africa's diverse maritime needs. From crew transfers and goods transportation to offshore services and fisheries, our vessels are designed for durability, efficiency, and long-term performance. Constructed using ISO-certified processes, DNV-class materials, and vacuum-infused composite technology, our boats meet the highest industry standards while ensuring operational excellence.

Guided by an "Africa First" ethos, we prioritize regional needs while fostering local talent through workforce development and skills training. Our approach integrates science and research to advance composite technology, offering tailored marine solutions to key markets including Angola, Malawi, Mozambique, and South Africa. Beyond manufacturing, we collaborate with local industries, government agencies, and private stakeholders to develop vessels that meet the evolving demands of Africa's maritime sector. Whether facilitating safe and efficient offshore crew transportation, supporting sustainable fisheries, or optimizing inland and coastal logistics, every Skye Advance vessel is built with precision and purpose.

Welcome to Skye Advance Africa—where we don't just build boats; we build solutions that shape the future of African maritime industries.

02 Our People

At Skye Advance Africa, we are committed to empowering young people by equipping them with valuable skills and meaningful career opportunities through the craft of boatbuilding. We recognize that many unemployed youth possess untapped potential, and we believe in creating pathways that allow them to discover their talents, refine their abilities, and develop new competencies.

Our hands-on training programs provide practical experience in marine craftsmanship, engineering, and industry-standard manufacturing techniques, ensuring that participants gain both technical expertise and a strong work ethic. By fostering skill development in a structured and supportive environment, we aim to enhance employability, promote self-sufficiency, and contribute to the long-term growth of the maritime industry.

Beyond technical skills, our initiative instills discipline, teamwork, and problem-solving abilities—essential qualities that prepare young individuals for sustainable careers. Through mentorship and real-world application, we bridge the gap between education and employment, equipping participants with the confidence and knowledge needed to thrive in the marine sector. At Skye Advance Africa, we don't just build boats; we build futures.

Mr. Ewen Niske - Founder & CEO

Professional Overview

A Composite Process Engineer with over 30 years of experience in marine, wind energy, and cured-in-place pipe (CIPP) technologies, primarily in Scandinavia. Ewen specializes in Scandinavian marine technology and has an extensive background in superyacht, workboat, and wind turbine component manufacturing. As the leader behind the Skye 10 Series of workboats, he spearheads innovative small workboat solutions for Africa's maritime sector from Cape Town, South Africa.

Key Roles & Expertise

- CEO, Skye Advance Africa Pty Ltd – Leads composite marine manufacturing, utilizing closed-system processes for lightweight, high-performance vessels with a focus on LEAN manufacturing and skills transfer.
- Founder & Chairman, Skye Holdings Group SA Pty Ltd & SIA Pty Ltd – Specializes in infrastructure rehabilitation, promoting composite solutions to African governments for pipeline restoration.
- Expert in Polymer Science & Composite Engineering – Applies advanced marine materials to workboat design and production.
- Research & Development Leadership – Led a CSIR & Department of Trade and Industry co-funded grant on composite workboat technology.
- Passionate Composite Boat Constructor – Focused on efficiency, durability, and sustainability in marine engineering.

Ewen Niske continues to drive composite innovation, marine technology, and infrastructure rehabilitation, shaping sustainable solutions for Africa's blue economy.

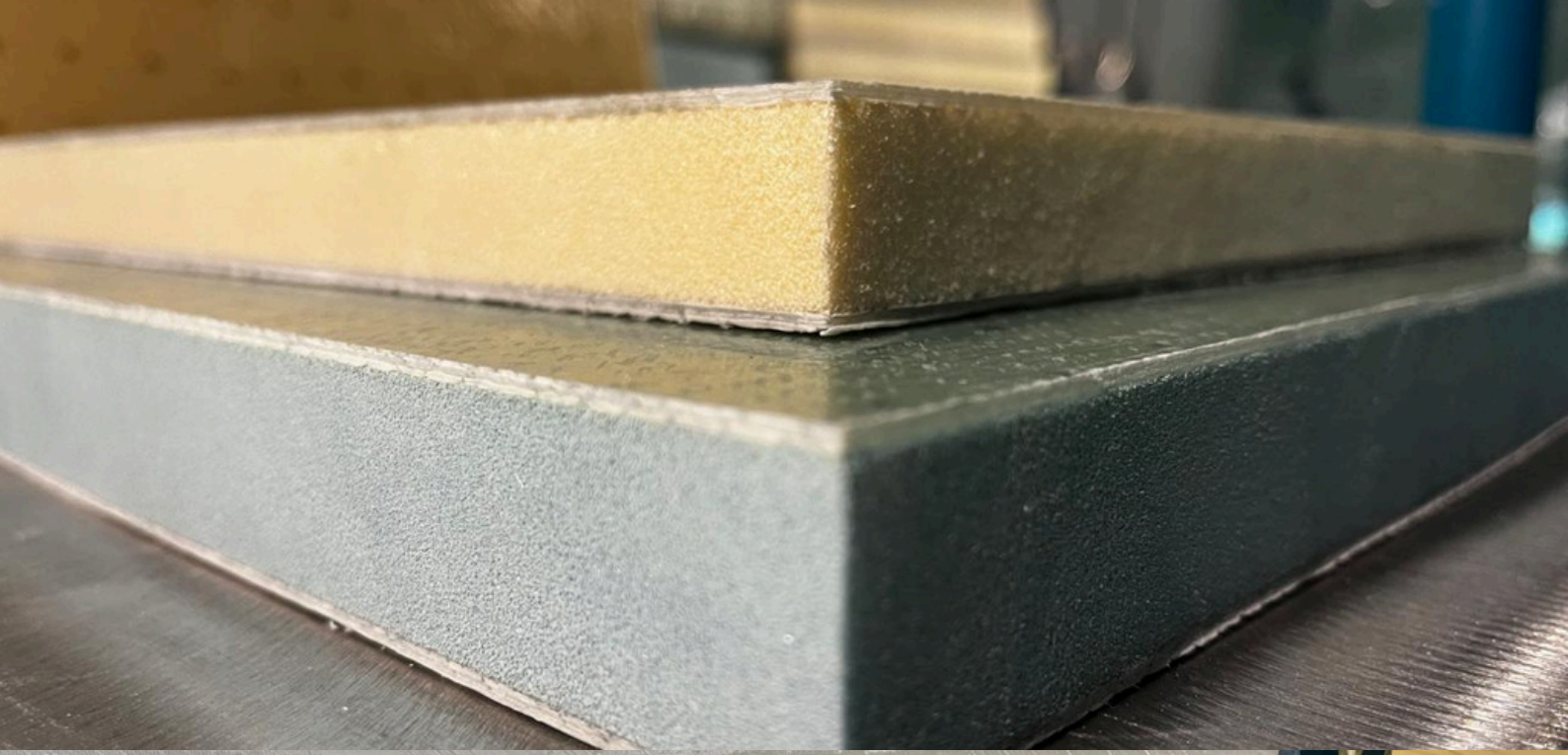
03

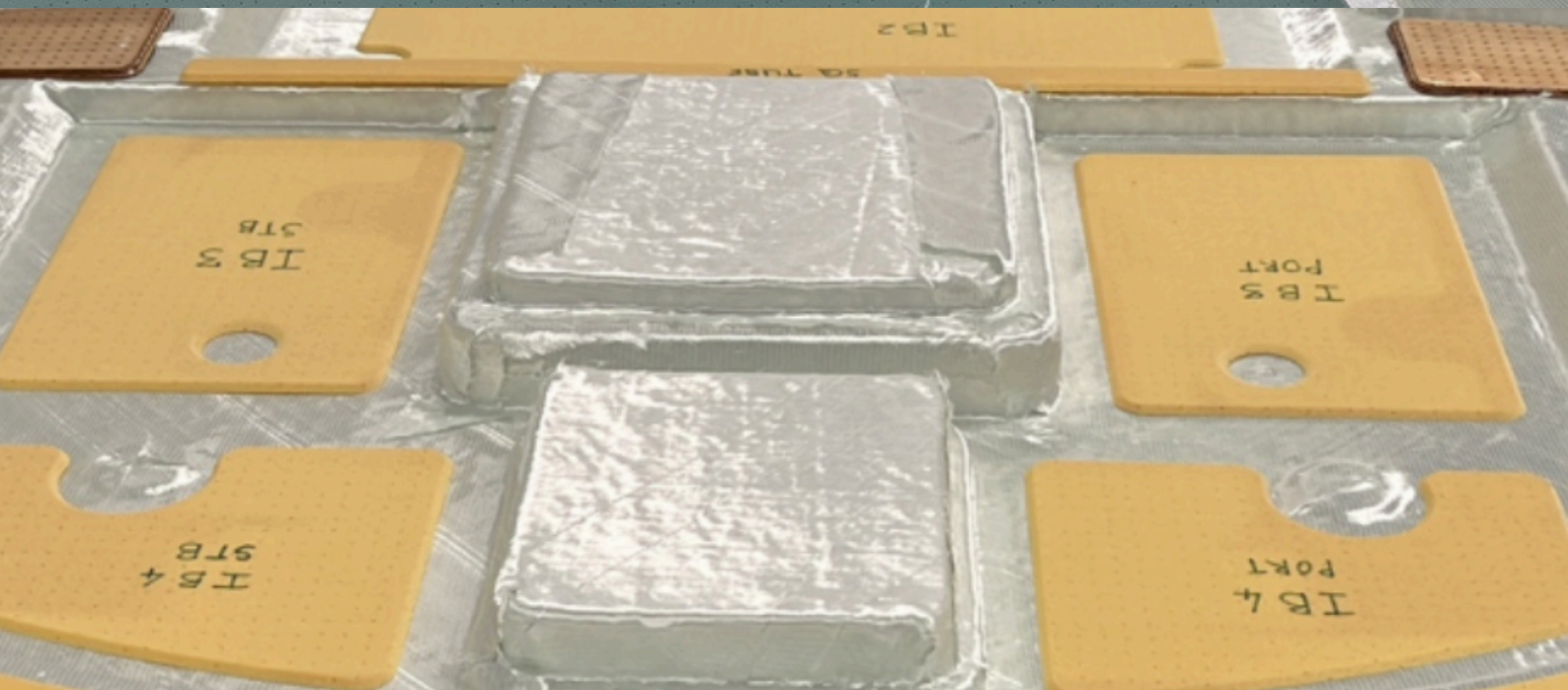
Material Sourcing and Envicronmental Sustainability

At Skye Advance Africa, we are committed to utilizing locally sourced materials, rigorously tested in our laboratories to ensure optimal mechanical performance, durability, and cost efficiency. Our advanced composite construction incorporates high-fiber content multiaxial ECR glass fiber, relative-density core sandwich structures, and high-grade Bisphenol A-based polymers, delivering exceptional strength and impact resistance that surpasses traditional aluminum structures.

Our core sandwich construction process involves precisely consolidating inner and outer skins under vacuum pressure, followed by controlled resin injection to achieve maximum structural integrity. This highly efficient manufacturing technique results in a lightweight yet exceptionally durable final product, ensuring longevity and reliability in demanding marine environments.

Composites offer significant advantages for marine applications, making them the preferred choice for high-performance vessels. Their lightweight nature and superior strength-to-weight ratio enhance efficiency, fuel economy, and overall performance. Unlike traditional materials, composites resist corrosion, withstand extreme conditions, and provide long-term structural integrity. Their design flexibility enables the creation of customized, high-performance solutions, seamlessly integrating varied materials and geometries to optimize strength, resilience, and functionality in a single structure. Through innovative engineering and precision manufacturing, Skye Advance Africa continues to set new standards in marine composite technology.




TB 3
STB
TB 5
PORT
TB 4
STB
TB 4
PORT

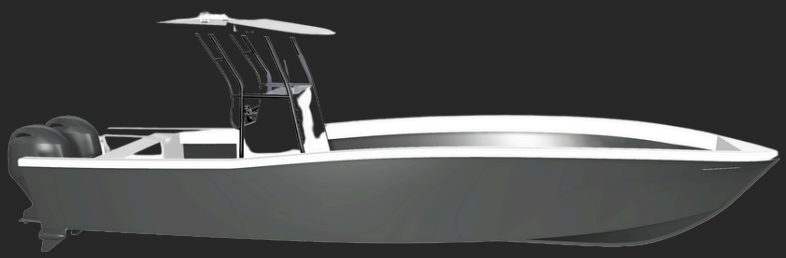
04

Vessel Introduction

The Skye Goods Transporter 8500 is designed to meet the growing demand for efficient transport vessels in Africa, offering a scalable solution for moving local goods, produce, and fish across inland and coastal waterways. Ideal for cargo transport and logistics, it provides a reliable entry into Africa's expanding maritime sectors. Built to ISO standards in Cape Town, South Africa, it is container-shippable, ensuring seamless delivery anywhere in Africa.

With a 9-meter LOA, the Skye Goods Transporter 8500 accommodates cargo and up to 12 passengers and 2 crew, powered by single or twin engines for optimal performance. Its customizable features, including cargo zones, stand-up consoles, Bimini tops, and optimized boarding platforms, ensure efficiency and ease of operation. Designed for safety and durability, it is an ideal solution for transporting goods across Africa's waterways.

Delivered within 90 days in a 40ft container, the Skye Goods Transporter 8500 is a strategic asset supporting Africa's blue economy and sustainable logistics operations.



05

The Hull

The Skye Adventure 8500 hull is meticulously designed for efficiency, stability, and fuel economy, making it the ideal choice for inland, inshore, island, and nearshore adventure and sport fishing operations. With a 10° deadrise, it ensures a smooth, controlled ride while optimizing performance in diverse marine conditions. Constructed from high-quality, internationally tested materials, it incorporates up to 65% high-fiber content composites, vacuum-infused quadriaxial E-Glass, premium marine-grade polymers, and a reinforced core sandwich structure, delivering exceptional strength and durability.

Measuring 9.00 meters in length with a 2.35-meter beam, the hull is designed for superior maneuverability and handling across varying environments. Built to DNV class standards, it sets a new benchmark in modern marine engineering—built to last, made to work.

Mr. Alex Bromley - Lead Designer

Professional Overview

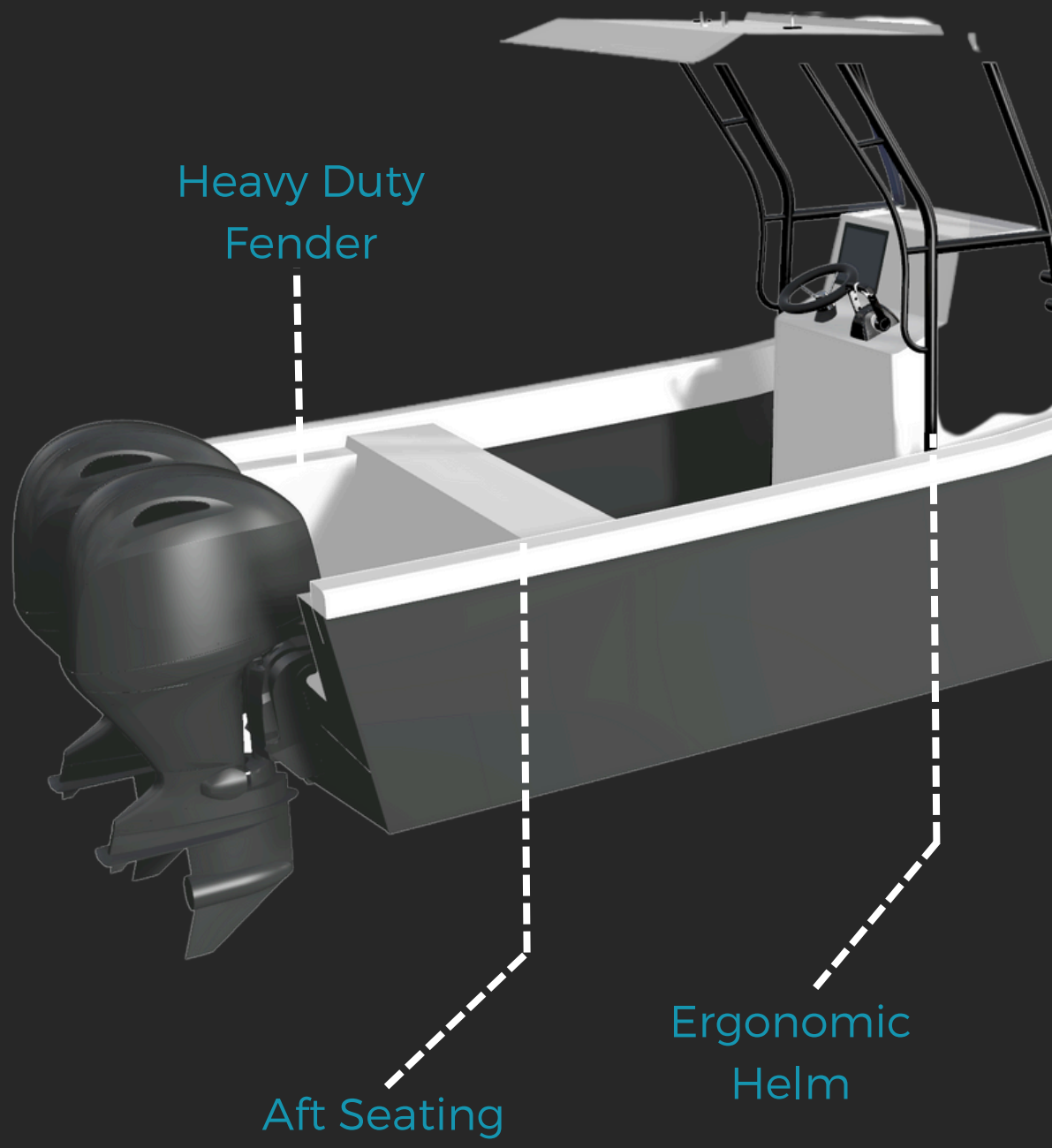
The Skye 10 Series Workboats are the result of a collaboration with Bromley Marine Design of Cape Town, South Africa. Leading the design is Alex Bromley, a talented marine designer from the Westlawn Institute of Marine Technology, who quickly understood our vision for a durable, modular, and easy-to-build vessel suited for Africa's needs. His expertise has been key in developing workboats that are both highly functional and visually refined.

Designed for resilience, modularity, and adaptability, these vessels are built to withstand Africa's demanding waterways. With interchangeable components inspired by Lego and Ikea, they allow for easy customization and maintenance. Our partnership with Bromley Marine Design aims to transform Africa's workboat industry by delivering vessels for critical applications such as medical transport, emergency response, and improved access to education and healthcare. Constructed with eco-friendly materials, these boats also challenge the traditional perception of workboat aesthetics.

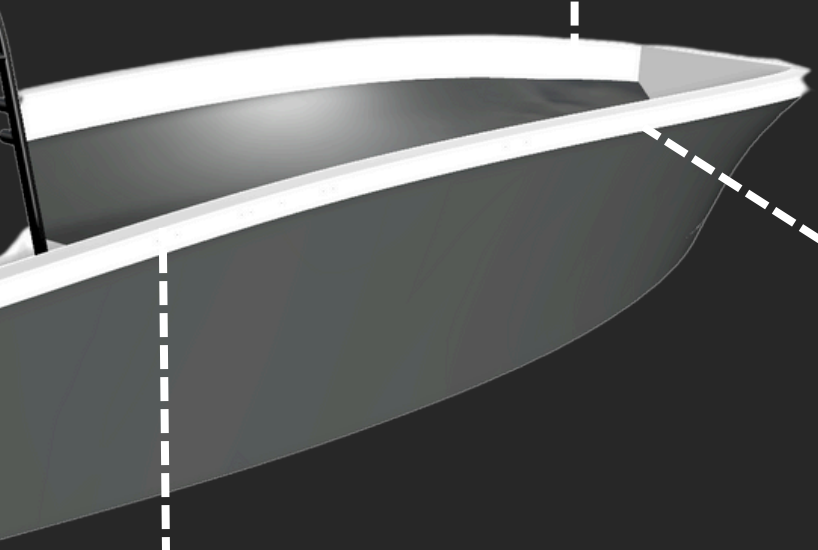
We highly recommend Alex Bromley and Bromley Marine Design for any marine project. Their technical expertise, innovation, and commitment to functional yet modern vessel design make them an invaluable partner in shaping the future of maritime solutions.

06

The Deck



Bow Boarding Staircase



Open Layout

Rubberized Deck

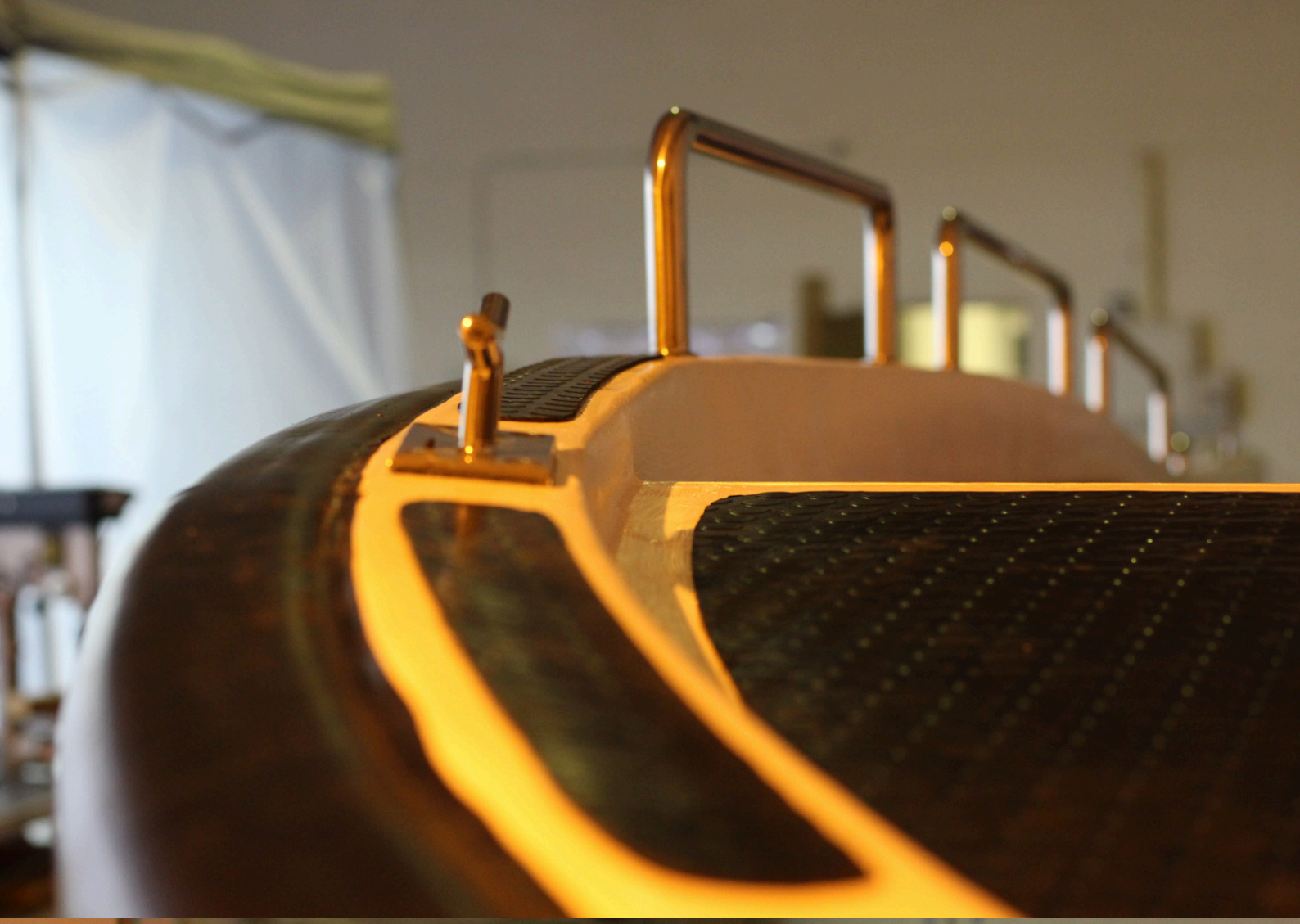
The Skye Goods Transporter 8500 is engineered for efficient and seamless cargo transport, designed to carry Africa's local goods, produce, fish, and other essentials across inland and coastal waterways. With an open deck layout, it allows for versatile cargo configurations, maximizing space for safe and efficient loading and unloading. Its aft, center, or forward console layout ensures unobstructed movement, making it perfect for logistics, transport, and offshore support.

For enhanced safety and durability, the Skye Goods Transporter 8500 features a stainless steel Bimini top for shade and protection, along with grab rails, modern navigation systems, a kill switch, automatic bilge pump, lifejackets, and a fire extinguisher. Built for rugged reliability, it incorporates a reinforced solid keel with an impact strip in stainless steel or high-density plastic, along with a high-density rubber D-profile fender (110 x 100 mm, 20mm EPDM) with A4 stainless steel harnessing for maximum impact resistance.

Designed for stability, versatility, and long-term durability, the Skye Goods Transporter 8500 ensures a smooth, secure, and high-performance experience, making it the ideal vessel for cargo transport, commercial maritime operations, and supporting Africa's growing supply chain networks.

The Skye Goods Transporter 8500 is built for rugged reliability, ensuring safe and efficient transport of local goods, produce, and fish across diverse marine environments. Its rubberized, non-slip deck enhances stability and protection, minimizing the risk of slips and falls while ensuring secure footing during loading, transit, and unloading operations.

Engineered for long-haul operations, the deck's impact-absorbing properties reduce fatigue and vibration, providing a more comfortable ride over extended journeys. Constructed with corrosion-resistant materials, it withstands harsh marine environments, reducing maintenance needs and ensuring long-term operational reliability. These features make the Skye Goods Transporter 8500 an ideal solution for commercial cargo transport, prioritizing safety, efficiency, and durability in Africa's growing maritime sector.

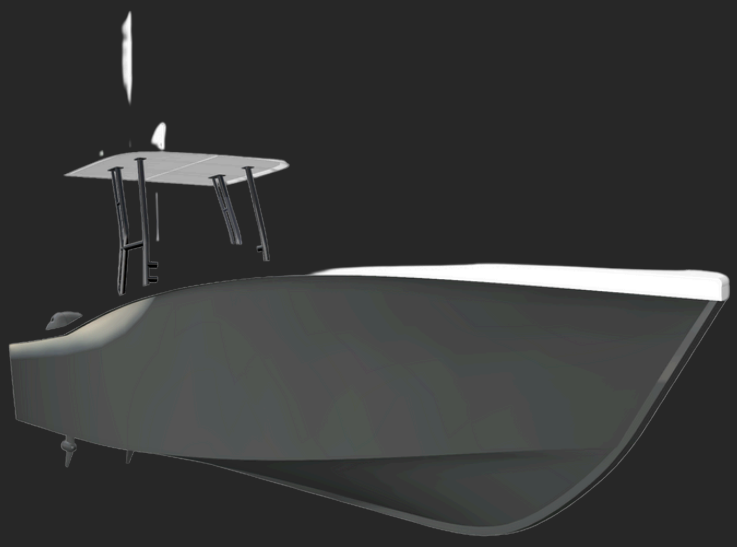


07

Propulsion and Performance Characteristics

The Skye Goods Transporter 8500 is built for speed, fuel efficiency, and versatility, making it the ideal vessel for cargo and goods transport operations. Powered by single or twin high-output four-stroke engines, a single 90 HP engine with a 1000 kg displacement achieves speeds of 27 knots, while larger twin engines can reach 38 knots, ensuring rapid transfers and agile maneuverability in both inland and coastal waters.

With a lightweight design and a 400-liter fuel capacity, the Skye Goods Transporter 8500 delivers extended range and reliable performance for demanding commercial operations. Its open deck layout optimizes cargo space, allowing for flexible transport solutions and efficient loading and unloading. Designed for stability, power, and operational excellence, this vessel showcases modern marine engineering, offering superior strength, control, and durability for Africa's offshore and nearshore logistics.



At Skye Advance Africa, propulsion and onboard electronics are now inseparable due to the extensive integration possibilities available in modern marine technology. As a result, our propulsion systems are carefully selected based on efficiency, reliability, seamless integration, and budget considerations, ensuring optimal performance and operational flexibility.

Recognizing that propulsion versatility is just as critical as vessel adaptability, our hulls are engineered to support a wide range of power configurations, accommodating both single and twin installations. This design approach allows for customized propulsion solutions, ensuring that each vessel is tailored to meet specific operational demands while maximizing performance, fuel efficiency, and longevity.

	Performance with Power Options	Max Speed Light Duty	Max Speed Full Load	Crusing Speed Full Load
Single Engine Petrol	1x90 Hp	27	15	12
	1x115 Hp	33	25	15
	1x200 Hp	35	25	18
Dual Engine Petrol	2x60 Hp	25	15	12
	2x90 Hp	35	25	22
	2x115 Hp	38	30	28
	2x150 Hp	38	32	32
Diesel Outboards	2x50 Hp	25	19	15
	1x300 Hp	38	32	30
Electric Engine Options				
2x70 Hp		32	25	22
2x150 Hp		38	32	28
1x300 Hp		38	32	30
Using Patent Closed Liquid Cooling and Axial Flux Permanent Magnet Motor				

08

General Particulars

LENGTH OVERALL	8.859 M	FUEL CAPACITY	400 L
LENGTH OF HULL	8.366 M	WATER CAPACITY	200 L
BEAM	2.35 M	BLACK WATER TANK CAPACITY	
DRAFT	0.3-0.5 M	POWER	90-250 Hp
DRY WEIGHT	900 Kg	MAX SPEED (LIGHTSHIP)	27 KNOTS
FULL LOAD WEIGHT	3500 Kg	MAX ECONOMIC RANGE	Range Dependent on Engines and Operator
ENGINES	Outboard (90-250 Max)	CREW	2
CARGO CAPACITY	1.5 Tons	GUESTS	6-12

09

Quality Assurance & Quality Control

At Skye Advance Africa, we implement a rigorous and comprehensive approach throughout the entire boatbuilding process to ensure the highest standards of quality and craftsmanship. This brochure outlines the key steps in our process, with further details on each stage available in a separate document.

1. Quality Objectives
2. Quality Management System
3. Quality control Procedures
4. Quality Assurance Procedures
5. Internal Audits and management review
6. Continuous Improvement
7. Human Capital Development and management
8. Management responsibility
9. Allocation of resources and personnel
10. Quality System Management
11. Project Review and Proposal Submission
12. RFQ and Contractual Review
13. Proposal Preparation
14. Project Set up
15. Control of Project Documentation
16. Purchasing and Material Control & Requirements
17. Subcontracting requirements
18. Maintenance of Procurement Data
19. Product Identification and Traceability
20. Inspection and testing During Construction
21. Final Inspection and testing

10

Available Options

Mark Desired Option
for your Boat

SK8500 01	HDB Only: LOA 9 Meters (With engines) 8,368 m without engines. High module composite vaccum infused Hull, scantlings, Deck sole (Full) anchor locker and hatch. Deck Comings full length. Reinforced keel. Ral Color gelcoat 1 TONE. High load transom (No transom SS) Self draining deck. Buoyancy Bottles. Anchor Locker	
SK7500 01	HDB Only: LOA 7,75 Meters (With engines) 7,25 m without engines. High module composite vaccum infused Hull, scantlings, Deck sole (Full) anchor locker and hatch. Deck Comings full length. Reinforced keel. Ral Color gelcoat 1 TONE. High load transom (No transom SS) Self draining deck. Boyancy Bottles.	
SK6500 01	HDB Only: LOA 6,75 Meters (With engines) 6.250 m without engines. High module composite vaccum infused Hull, scantlings, Deck sole (Full) anchor locker and hatch. Deck Comings full length. Reinforced keel. Ral Color gelcoat 1 TONE. High load transom (No transom SS) Self draining dec . Boyancy Bottles.	

Deck Modules		
SK2002-1	Console Stand up Open Format	
SK2002-2	Console Stand Up with Ptop and SS Work (No screen)	
SK2002-3	Console Stand Up with Ptop and SS Work (with screen)	
SK2002-4	Forward wheelhouse (Full beam Forward steering arrangement) With screen & Ptop	
SK2002-5	Forward wheel house (Half beam Forward steering arrangement) with screen & Ptop	
SK2002-6	Forward wheelhouse (Full beam Forward steering arrangement) Screen and Full Hard top	

SK2002-7	Forward wheel house (Half beam Forward steering arrangement) Screen and Full Hard top	
SK2002-8	Storage locker forward with Hatch with drainage	
SK2002-9	Staircase Forward arrangement	
SK2002-10	Landing platform and staircase Midships (Pilot) with Hand safety hand rail.	
SK2002-11	Hard top Full length with mounting	
SK2002-12	Soft top removable Bimini (Stretch tent , Poles & Base)	

Rubber and EDPM		
SK3003-1	Fender strake 6mm x 25mm fitted EPDM	
SK3003-2	Fixed fender hull 60mm x 25mm x 1m x 3 sets: port and starboard	
SK3003-3	Fender strake 60mm x 60mm D profile EPDM	
SK3003-4	Fixed fender hull 60mm x 60mm x 1 meter x 3 sets: port and starboard	
SK3003-5	Robust heavy duty Rubber D fender 100mm x 100mm system on front of vessel, reducing to 80mm x 60mm heavy duty rubber D profile on aft section and 3x500mm vertical hull defenders with high load reinforcing and composite high load construction	
SK3003-6	Rubberization of main deck work areas in 3mm EPDM High wear abrasion matting in Dotted or Checka format	
SK3003-7	Coaming edge trim Pinch-weld PVC large	

Stainless Steel and Aluminum Works		
SK4004-1	Stainless steel works: Keel strip 30mm x 5 mm, Set of 8 x 200 mm 8 (H) x 1000mm (L)High Quality Grab Rails in 32 mm SS, Set of 6 High quality Custom cleats in Stainless steel	
SK4004-2	Radar arch system	

SK4004-3	Engine protection Bar	
SK4004-14	Transom Plate 400 x 360 3mm each	
SK4004-15	Transom plate 400 x 400 x 6mm heavy duty commercial	
SK4004-16	Pressurised 300l Fresh water system	
SK4004-17	300 Litre Aluminium Built in fuel tank	

Electrics		
SK5000-1	Electrics: LED Nav Lights, House Battery, Start Battery, Charge combiner, Switch Panel, Marine Grade cables, installation, Canopy Lighting LED, 2 water proof Work lights, Magnetic Compass, Bilge pump manual & automatic	

SKYE 6000	Epoxy Primer (Hydrobarrier) and Anti foul	

SKYE 7000	Handling and containerisation for shipping	

SKYE 8000	Road Trailer 28ft 2,5-ton braked axel, with 16inch wheels, RWC, data dotting	

SKYE 9000	Composite Boat Stand	

Engines and Motor		
SKYE 10000	Please refer to Propulsion and Performance Characteristics section (07) for engine options	

Set: Seamanship / Safety:		
SKYE 11000	15kg anchor, 10-meter chain, 40-meter 16mm Polyester Rope, Mooring line 80 meter of 18mm, Cleats 4, Lifejackets x 8, Life ring x 1, 1,5kg DPC Fire extinguisher, Capsize canister, SART Transponder,	

Radio & GPS		
SKYE 12000	Garmin Echo Map UHD 72 cv w/GT56UHD TM & ICOM M330G 25-watt VHF with antenna and Installation.	

Optional Extras and Options		
SK 13000-1	Radar: Raymarine 20 Nm	
SK 13000-3	Night Vision System Installation	
SK 13000-4	LED Deck Lighting/Blue Courtesy Lights	
SK 13000-5	Wireless Phone Charger/USB charge station at console	
SK 13000-6	Work Lights High Power LED water proof	
SK 13000-7	Search Lights	
SK 13000-8	Marine Horn and PA System	
SK 13000-9	Blue Tooth Audio System Fusion	
SK 13000-10	Navigation system Upgrade	
SK 13000-11	Synthetic EVA Teak deck Cover (Teak/Grey/Light Grey)	
SK 13000-12	Soft Padding deck pads	
SK 13000-13	Transom Wash off/Shower	
SK 13000-14	Swim Ladder/Boarding platform, 3-tier telescopic ladder	
SK 13000-16	Gunwale Braai / Barbecues	
SK 13000-19	Anchor bollard	
SK 13000-20	Bow roller	
SK 13000-22	12 V Build In Fridge	

Choose your color

The Skye series offers full customization options, allowing you to tailor the boat's color to match your corporate identity, brand, or personal style. Whether for commercial operations, tourism, or private use, this customization ensures a cohesive and professional appearance, enhancing brand recognition and visual appeal on the water.

Choose your Layout

The Skye series offers flexible layout and operational customization to meet your specific needs. Whether for cargo transport, passenger service, or specialized operations, the design can be tailored to enhance efficiency, functionality, and comfort, ensuring a seamless fit for your business or personal use.

11 Quote

The quote for this boat will be provided on another, separate document upon request

South Africa: Skye Advance Africa Pty Ltd
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