



MARINE ENGINEERING AT ITS BEST ON KENYAN SHORE



AFRICAN MARINE



WHERE
INNOVATION
SETS SAIL

About AMGECO

Located at the gateway of Kenya's booming economy, Port Mombasa is host to the epicentre of innovation in marine services- the African Marine and General Engineering Company Limited (AMGECO). Incorporated in Kenya on 12th January 1928, AMGECO boasts of its breadth of experience in shipbuilding, ship repairs and specialized marine engineering.

A pioneer in the business, AMGECO constructed its first slipway using a telescopic carriage in 1928 and the first ship slipped in 1931. The slipway was capable of taking vessels up to 2,200 ton displacement. The company has come a long way since and In order to keep up with the rapidly evolving Kenyan economy, AMGECO decided to build a Dry Dock with a corresponding range of services. This has now been operative since 1977 and has already proved to be a success. Its strategic location is an ideal point for vessels travelling between Europe, the Cape, India and the Far East for docking and global trading.

AMGECO's competitive rates along with its skilled engineering force, have received national and international recognition. It has in fact enhanced Mombasa as a port and established its importance as a vital ship repair centre.

African Marine and General Engineering Company Limited has gained international repute in both marine and non-marine sectors, having earned confidence of a wide variety of international ship owners, multinational industries in the non-marine sector as well as various navies.





Why AMGECO

African Marine and General Engineering Co. Ltd takes priority in ensuring that it meets the high quality standards and workmanship expected by our customers. AMGECO was awarded the ISO 9002:1994 Standard in 1997 which it still holds. The company successfully renewed the certification in 2000 and is currently certified to the new Standard of ISO 9001:2008.

AMGECO also takes great pride in keeping up with the innovation of today's economy and infrastructure. The company's commitment to reflecting the ever changing technological patterns shows in its timely replacement of machinery, regular training of manpower and its upgrading of administrative operations.

The company is also known for the successful construction of small crafts such as tugs, barges, lighters, coasters, ferries, fishing vessels and passenger launches. One of the most sophisticated vessels built was the Kenya Fisheries research vessel 'Shakwe', which was described as the "most technically advanced fishing vessel based on the East African Coast". With the onset of modernization, AMGECO has setup a fiberglass shop which undertakes the building of new boats.

The company has gained the confidence of many international navies including the British Royal Navy, the French Navy, Kenya Navy and Tanzania Navy.

AMGECO had also qualified to be registered under the US Navy in Bahrain program "Master Agreement for Repair and Alteration of Vessels (MARAV) certification." Some of our welders are therefore registered with the US Navy Ship Repair Unit (SRU) in Bahrain.

Through quality, innovation and unrivalled expertise of the business, AMGECO ensures to improve efficiency and cut costs so that our customers are the eventual beneficiaries.



Services Offered

We provide internationally renowned services to marine and commercial customers

- 01** Dry Dock
- 02** Construction Dock
- 03** Bunkering Services
- 04** Berthing and Mooring
- 05** Ship Chandling
- 06** EPZ Facilities
- 07** Lay-By Wharves
- 08** Slipways
- 09** Conversions & Heavy Engineering
- 10** Life Rafts
- 11** Afloat & Inland Repairs



01 Dry Dock

African Marine & General Engineering Company Limited boasts of the only ISO certified dry dock facility on the East Coast of Africa since 1977 in Mombasa, which is the gateway to Kenya. It is the ideal point for vessels travelling between Europe, the Cape, India and Far East for docking.

AMGECO has enhanced Mombasa as a port and emphasised its importance as a vital ship repair centre.

The specifications of the dry dock are:

Length	180.00 Metres
Entrance Width	24.75 Metres
Dock Width	26.40 Metres
Maximum Water Depth H.W.S.	7.95 Metres
Minimum Water Depth L.W.S.	40 Metres

The dry dock can accommodate vessels up to 20,000 tons



02 Construction Dock

African Marine offers a fully-fledged ship building facility at its yard. The availability of a separate construction dock apart from its dry dock used for repair makes it even more convenient for shipbuilding. The company boasts of constructions commenced as early as 1957 with excellent pieces of work plying the international waters today.



Specifications of the building dock are:

Length	40.25 Metres
Entrance Width	18.00 Metres
Dock Width	26.40 Metres
Depth On Sill (Max)	7.95 Metres



03 Bunkering Services

With today's ultra-efficient marine engines, bunker quality is critical to efficient fuel consumption and minimizing engine wear and tear. We own and operate a fleet of bunker barges that enables us to supply quality fuels that are strictly complied with ISO 2010 standards on a timely manner. All vessels bunkering with us can be assured of the quality and quantity of bunker, as well as safe and efficient delivery. We supply Fuel Oil 180 CST, MGO and variety of lubricants to vessels alongside the berth or at the anchorage port.





04 Berthing and Mooring

We assist in mooring the vessel and berthing of the vessel at our berths and dry dock at competitive rates and provide provisional services of power and water, excellent security and full workshop facilities.

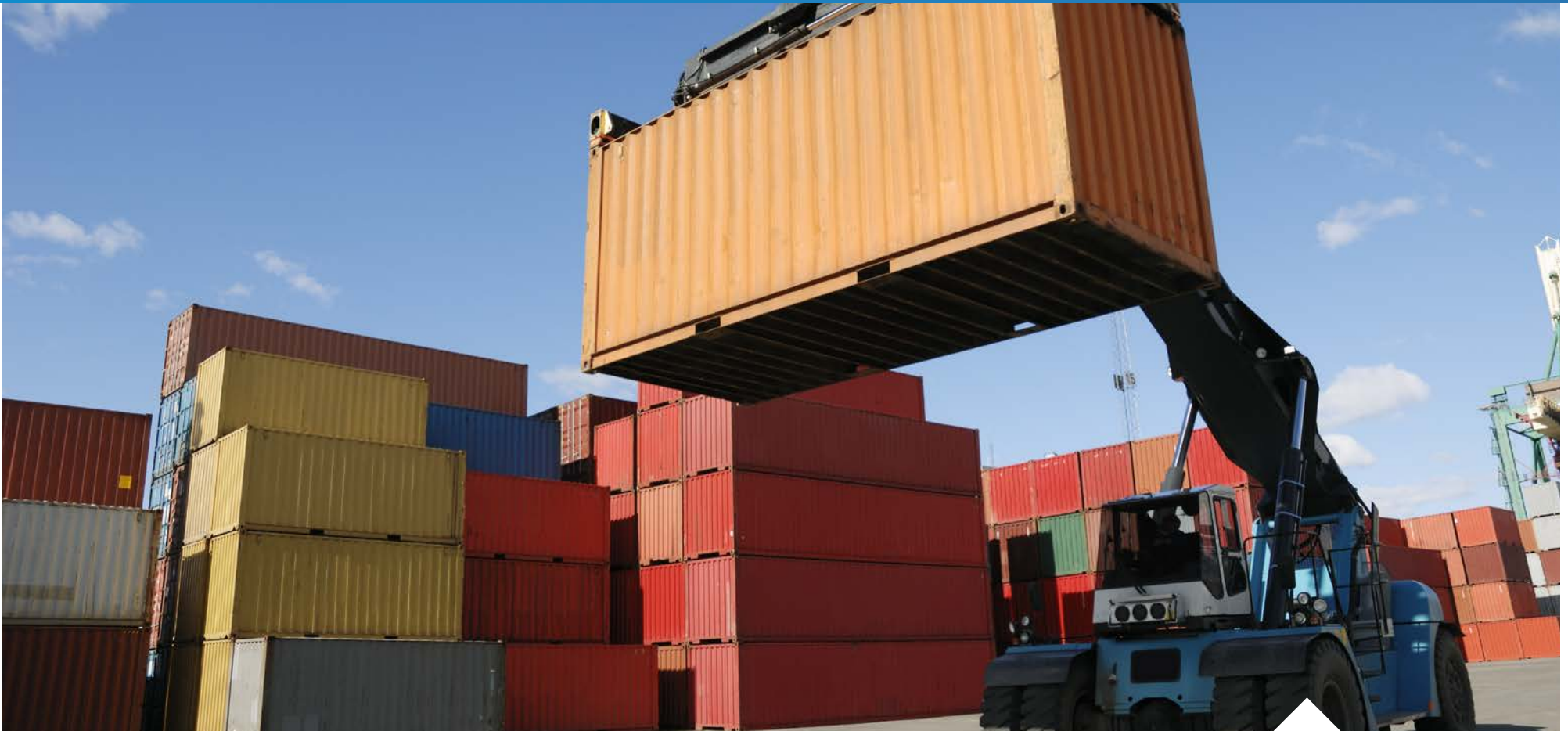
05 Ship Chandling

Our store is fully equipped with ship equipments, ship maintenance supplies and other provisional services like water food, crew change and vessel /tank cleaning at competitive rates. We can procure engine spares at the earliest if not locally available.



06 EPZ Facilities

We have procured a license to operate an Export Processing Zone in our facility and we can render services relating to warehousing and storage for clients.



07 Lay-By Wharves

Most of the floating repairs are carried alongside our lay-by wharves, which are two in number on the eastern and western side of the dock. The yard offers a total of 340 meters repair and lay-by wharves. The piled jetties are capable of mooring vessels up to 200 meters L.O.A. with a maximum draft of 8 meters. All our mobile cranes can be used to lift items off the ships at both our jetties.



08 Slipways

There are two slipways that are capable of slipping barges, lighters, small harbour craft, pontoons and fishing boats amongst others. The slipways are 20 meters in length and 6 meters in width and can accommodate vessels up to 120 tons. Tugs are available for towing lighter barges, pontoons, etc., and also for general duties such as transporting of ship stores. The main usage of the tugs is to facilitate dry- docking of the vessels up to 20,000 tons.



09 Conversions and Heavy Engineering

The company has successfully undertaken conversions of various types of vessels in and around East and Central Africa. Supported by a competent strong work force of around 300 skilled and specialized artisans duly certified by approved classification societies, the yard boasts of the capability to undertake any kind of steel fabrication. All works are done according to "ASME" standards with no compromise on the quality. The company uses material that is approved, graded and certified by the "IACS" referred in "UR Z17.1.2" and authorized by the flag administration. If specific items are not available within the region and are required urgently, they can be obtained worldwide and delivered within 48 hours, via reliable courier services.



Some of the major conversions undertaken recently amongst others are:

- Construction of a second deck on each of the Kenyan ferries M.V. Kilindini & M.V. Harambee for
- 400 additional passengers on each ferry
- Conversion of pontoons into self propelled barges
- Conversion of trawlers into tankers
- Conversion of tankers into general cargo ships

Besides marine work, the company also undertakes heavy and specialized non marine work for various internationally acclaimed companies and government organizations such as Cement factories, Petroleum Refinery, Electricity Companies, Railways, Oil Drilling companies, Airlines, Ports Authorities, Construction companies, Banks, Hotels and Hospitals amongst others. A recent project undertaken was the rather challenging fabrication of a Silo and Weigh Bin for a leading Cement Manufacturer. The total weight involved in the project was around 30 tons that was successfully fabricated, delivered and installed by AMGECO.



10 Life Rafts

We have onsite a fully certified life raft service station manned by qualified personnel. Personnel are sent to various agency headquarters for regular training to keep up with innovations and changes. The station carries a full range of replacement parts for life rafts and lifeboats with adequate expiry periods. The station is approved for the repair, servicing and recertification of the following life rafts:

- RFD
- Dunlop
- Toyo
- DSB
- Beaufort
- Avon
- Pirelli
- Viking

Specialised pyrotechnics rocket and illuminating flares, marine distress signals and rescue equipment such as inflatable boats, life rafts and lifejackets are also supplied.



11 Afloat & Inland Repairs

Most of the floating repairs are carried alongside our berths, which are two in number on the east and west side of the dock. The yard offers 340 meters repair and lay-by wharves. The piled jetties are capable of mooring vessels up to 200 meters L.O.A. with a maximum draft of 8 meters. All our mobile cranes can be used to lift items off the ships at both our jetties. Our highly qualified and certified teams are available round the clock to be mobilized for any afloat repair job away from the yard. The mobile teams are fully equipped with all mobile equipment to carry out almost any repair above the water line on the exterior and almost all repair work on the inside of a vessel. Most of the works are carried out in the ports of Mombasa, Dar E Salaam and Zanzibar.

The department is capable of carrying out all marine works such as electrical work, steel and pipe work, engine repairs including turbines, machine repairs, cargo tank cleaning and demucking, anchor and cable repairs, servicing of electrical equipment, metal locking, metal spraying, painting using rollers and airless spray amongst others. Tanks in vessels such as sludge, slope, oil and water tanks are cleaned manually using dispersants and detergents.





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