



STEEL FABRICATION BROCHURE

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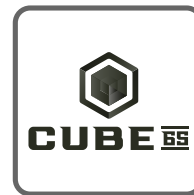
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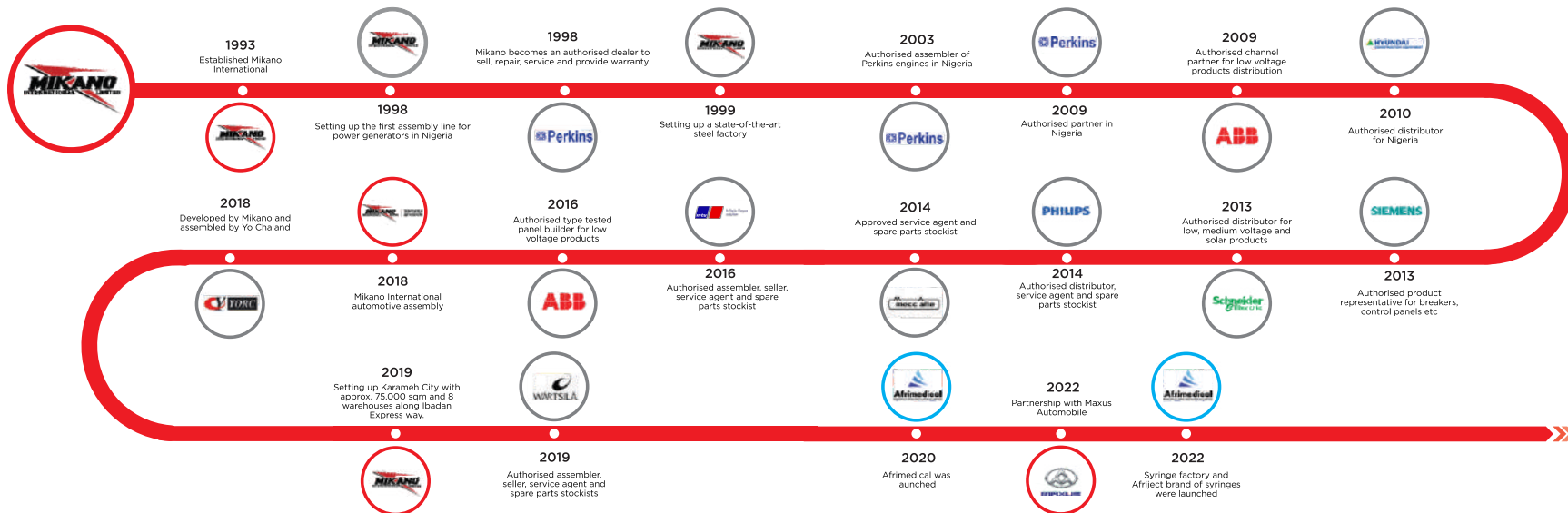


Mikano International Overview

Incorporated in 1993, Mikano International Group is a one-stop destination for all household, commercial and industrial solutions proudly made or assembled in Nigeria. With an extensive portfolio spanning five key divisions; Mikano Power, Mikano Motors, Afrimedical, Mikano Construction Limited, and Cube 65, Mikano Group continues to deliver excellence across power solutions, automotive services, healthcare, construction, and lifestyle innovation.



The journey so far



Our growth

Karameh Industrial City

Over the years, Mikano has continually expanded operations in Nigeria, with a commitment to setting and achieving world class standards. Driven by a passion to provide good quality living at an affordable cost to all Nigerians, Mikano built its ultra-modern factory complex dubbed; *The Karameh Industrial City*.

Karameh City is an 8-unit, large-sized factory with an approximate area of 75,000 sqm. Each unit is fully equipped with the latest technology. extensive parking spaces for passenger and heavy-duty vehicles, CCTV setup and 24/7 power supply. It boasts an excellent working environment that is second to none within the region.

This ultra-modern industrial city is currently home to the Mikano Power generator assembly, Mikano Motors, and the Medical factory.



Mikano Power Overview

Mikano Power division comprises of 3 sub-divisions.

These are:

1. Power Generation
2. Steel Fabrication
3. Electrical and Lighting Solutions

POWER DIVISION



POWER GENERATION

The largest assembler of power generating sets in Africa, with a state-of-the-art workshop for maintenance services

Sells MTU, Perkins and Yorc brands of diesel and gas generators ranging from 9kVA TO 5000 kVA.

Runs large scale IPP projects in partnership with MTU.

Rental Solutions offers customised, client-focused services tailored to meet specific operational and business needs

STEEL FABRICATION

One of the largest steel fabrication factories in Africa.

Equipped with state-of-the-art machinery to achieve the best results.

Currently employs over 400 dedicated staff of engineers and designers to ensure premium quality delivery

ELECTRICAL AND LIGHTING

A major hub for one of the world's largest lighting brands; Signify (Phillips Lighting)

Developed our own lighting brand; Mikano Lighting

Partners with ABB, Schneider Electric and Raychem, to sell their low-voltage (LV) and medium-voltage (MV) products.

Developed our own brand; Mikano Electric

Manufactures and maintains type-tested Electrical Panels using prestigious brands in the electrical sector (ABB and Schneider Electric).

Steel Fabrication

Steel fabrication is one of the main divisions at Mikano International Limited. Since our steel fabrication division commenced operations, we have formed a team of highly specialised and qualified local and expatriate engineers and experts. They are committed to excellence, reliability and innovation in the metal industry.

With over 14,000 square feet of space and 600 employees, our modern steel facility uses the latest high-tech computer numeric controlled equipment from around the world to better serve our customers.

Steel Fabrication Processing

With laser cutting machines, computerised target punching systems, CNC press brakes and sheering equipment, Mikano's steel fabrication plant has the flexibility to fabricate all projects our clients might envision. Our powder coating paint and oven facilities provide the highest quality of paint protection on all our fabricated products.



The Mikano steel fabrication facility is equipped with state of the art technology and machinery to achieve the best results for our clients. We manufacture canopies for all generator sizes, heavy-duty warehouse racks, lockers, cable trays and solar panels to the highest standards in the industry. We have fitted the latest technology for vertical CNC milling, combined with CNC horizontal pallet loaders for cost effective batch manufacturing.

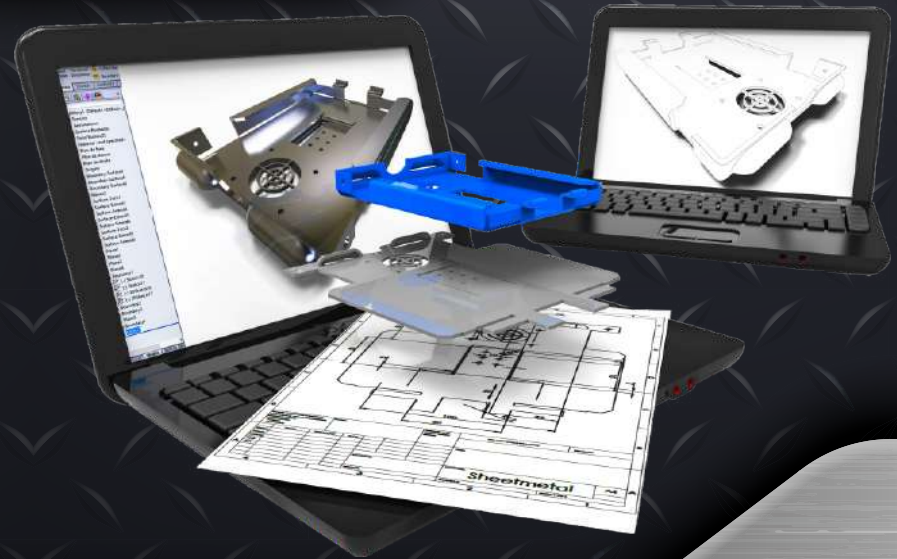
Mikano is equipped with a wide range of controlled processing machines with different abilities in plate drilling and cutting. Our machines have been designed with the sole purpose of integrating all functions required in plate processing.

CNC Plasma: machines are able to work on stainless aluminium and mild steel, as well as galvanised sheets and can cut sheet thickness ranging from 0.7mm to 100mm.

CNC Laser: These machines can cut stainless, aluminium, and mild steel, as well as plates ranging in thickness from 0.5mm to 1.6mm. These machines use oxygen, nitrogen and mixed gases.

Autocad Design Section

Our engineering department employs the brightest and most innovative designers, using the latest in design software. Using programs such as the CAD Design system, our designers then transfer the sophisticated designs to our skilled fabricators who then fabricate, finish and assemble our client's products at a competitive price.





Heavy Duty: The heavy-duty section is responsible for all welding, soldering and grinding involved in the fabrication process.



This section produces silencers and mufflers. The silencer section fabricates all exhaust pipes along with all extra equipment and accessories. They are manufactured using the strictest standards to remain environmentally friendly with low noise vibration.



Using automated conveyor systems and powder coated paint, the electric power coating section ensures our products are weather proof, corrosion resistant and long lasting with proven protection for up to 7 years.



Assembly and Quality Control: All fabricated powder coated parts are transferred to this section for assembling and quality control. We encourage CKD (Completely knocked Down) products as they offer the advantage of minimised welding and the opportunity for our clients to relocate their products easily.



Soundproofing: This department produces self-supported structures using pressure folded and soldered galvanised steel panels as a practical noise control solution. Combined with Mikano exhaust silencers (mufflers), maximum possible soundproofing can be attained for generators ranging from 9kVA to 5000 kVA

Product Range



Racks:

We produce a large variety of racking systems including mezzanine racks, warehouse racks, battery racks, pallet racks, heavy-duty racks and many more.



Supermarket Shelves:

Both single face and double face supermarket shelves are available.



Lockers:

We provide different designs ranging from single, double and triple lockers systems, as well as customized compartments.



Cabinets:

Cabinets of all different sizes, ideal for file box storage.

**Electrical Enclosures:**

These includes wall panels, feeder pillars, freestanding panels and compact substations.

**Diesel Tanks:**

Square and rectangular tanks ranging from 500 to 5000 liters.

**Steel Tables and Chairs:**

These includes wall panels, feeder pillars, freestanding panels and compact Branded and non-branded tables and chairs for receptions, offices, hospitals, airports and hotels.

**Cable Trays:**

Ideal for the laying of cables.

**Soundproof Canopies:**

Fabricated using high-quality standards and low noise level materials for generators ranging from 9Kva to 5000kVA.

**Streetlight Poles:**

Painted or hot dip galvanized round or hexagonal poles ranging from 3 to 20 meters in height.

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KARAMEH INDUSTRIAL CITY

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Lekki Phase 1, Lagos,
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Email: sales.lekki@mikano.com

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