



Telecommunications & Data Storage Solutions.

Company Profile 2024

Afrikamasts (Pty) Ltd South Africa / Afrikamasts Private Limited Zimbabwe / Fibrenet (Pty) Ltd Namibia

www.afrimasts.co.za



Afrikamasts (Pty) Ltd

Is a coming together of specialist talent from the civil, structural, mechanical, electrical and fire / access engineering fields.





Services & Products

*Modular Data Centres
Road haulage – port to site
Heavy lifting and rigging
Data Centre civil infrastructure
Construction of brick and mortar
Data Centres*

*Manufacture and erection of
telecommunication masts.*





Services & Products

Afrikamasts supports the full range of Liebert and NetSure product range.

Thermal management.

Heat rejection

Room cooling

In-Row cooling

Rack cooling

Free cooling – Evaporative and Chillers

Power management

3ph UPS up to 400v

Energy storage

PDU's

DC Power





Modular Data Centres





Brick & Mortar Data Centres





Modular Cable Landing Stations and Power Modules



META – Unitel cable landing station in Luanda Angola, designed and constructed by Vertiv Croatia. The crane rigging and assembly was undertaken by Afrikamasts.



Heavy lifting and Crane Rigging

Specialist RED SEAL rigging supervisor and certified riggers.





We specialize in difficult and remote sites.

Project management

- Paul Mouton, an accomplished Managing Director, boasts an impressive track record of successfully completing multi-million-dollar projects for major telecommunication and Data Center clients across Africa. From the South Africa to Cairo, and from Nigeria's bustling Victoria Island to the vibrant city of Dar es Salaam, Paul has worked in South Sudan and the DRC, in fact, there are not many African countries that Paul has not left an indelible mark in.
- At our company, we take pride in our turnkey management approach, overseeing projects from cradle to grave. Our philosophy is rooted in proactive problem-solving. We believe that our role extends beyond mere project execution; we are here, through years of experience, to anticipate and address challenges before they impact our clients.
- While we strive to make every project as trouble-free as possible, we recognize that challenges are inevitable. However, our commitment remains unwavering: we shoulder the responsibility, ensuring a seamless experience for our clients. Ultimately, it is the client's prerogative to appoint the best contractor for the job, and that is a trust we honor.
- Choose us, and let's build a future together one Cloud at a time.





Civil Works

Earthworks / Earthing

Re-bar / Concrete

Site fencing

Soil retention / Sub-soil drainage

Plinths and perimeter fencing





Lattice & Mono-Poles





Heavy Duty Masts

Lattice masts are engineered to cater for multiple tenants.

Masts can be designed to site specific conditions.





Self-support Radio Masts

*Hot dipped Galvanized Lattice mast
with 8.8 High tensile bolts & nuts*

- *From 3m ~36 m Self Support Lattice*

- *MECHANICAL SPECIFICATIONS*

- *All material is High tensile GR355W
(tube, rods)*

- *42M Internet Self support Mast*

- *Leg centres = 1100mm*

- *Face Width = 1294mm*

- *Leg size = $\varnothing$ 196.5mm x 4.0mm ~ $\varnothing$
38.1mm x 4.0mm*

- *Bracing tube size = 40mm x 2.5mm*

- *Mass per section = >180 kg*

- *Antenna loading = Flat plate area
3.5m² over top 3 meter section and
5m²@ 15 m below apex*





Guyed Lattice Mast

Heavy Duty Hot dipped Galvanized Lattice mast

- *From N450 3m~36 m Self Support Lattice*
- *From N600 21m~160 m Guyed Lattice*
- *Easy Installation*

MECHANICAL SPECIFICATIONS

- *All material is High tensile GR355W*
- *Leg centres = 450mm*
- *Face Width = 491mm*
- *Leg size = Ø 43.55 mm*
- *Flanges = 12mm GR355w steel*
- *Bracing size = 12mm*
- *Mass per section = 50 kg*
- *Guy rope diameter = 6mm stainless steel 7x 19*
- *Antenna loading = from 1m² over top 3 meter section*
in self support version up to 5m² over top 3 meter section in guyed lattice version





Telescopic Pole Mast

Field mounted

Trailer mounted

Vehicle mounted

Various configurations and heights.

1. *Non-turning plain collar*
2. *Turning plain collar*
3. *Non-turning clamp collar*
4. *Turning clamp collar.*





Site Refurbishment

Re-torque bolts

Re-tension guys

Re-paint

Remove redundant cables

Replace AWL with solar





PV Power Sites





Fibre Optic

*ADSS and OPGW Fibre Reticulation
on HV Transmission Line*

Sub-Duct / Short span





Client List

Emerson Network power
Dark Fibre Africa
Vodacom Tanzania
MTN Uganda
Vodacom Mozambique
TDM Mozambique
Sietel Siemens Nokia
Cell-C
M-Cel
Transtel
Eskom
MTN South Sudan
Raun Telecoms
ERGO Mine
KLIQ
Opentel
ISF ICT (Pty)Ltd
META CLS Luanda
Unitel Angola



Seacom Nigeria
Seacom Kenya
Seacom Tanzania
Airtel Egypt
Airtel Kenya
Vodacom Lesotho
Leo Namibia
MTC Namibia
Dimension Data
IS Internet Solutions
Vertiv
WatchTower
MTN Victoria Island, Nigeria
First Rand Bank FNB
Hluvuko Internet





LOGISTICS

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- CONTAINER SALES
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