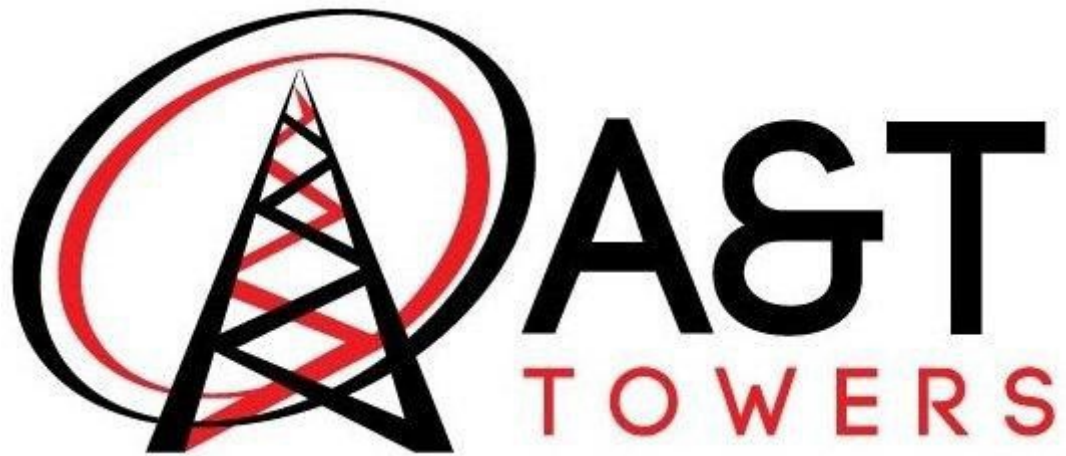


A&T TOWERS cc



COMPANY PROFILE

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1 Background information

A&T Towers C.C, a tower manufacturing enterprise, has been supplying the communications Industry with superbly engineered towers and masts and related civil works products since 2002.

A&T Towers has proven its expertise in large-scale projects successfully delivered locally and internationally to prestigious clients such as Brolaz SA, ESCI Designs, Webb Industries, Obelisk Wind Energy, Reutech, Global Communications, RBI Tech, Vitrozys, XON Systems and Helios Towers.

All towers and masts are developed by specialist engineers. All structures are trial-erected and tested before production commences. Operations are conducted from 36 000m² of fully equipped premises located in the East Rand. One of our strengths is our large-volume manufacturing capability at short turnaround times – the company has a history of rapid response adaptability to urgent requests.

The permanent staff complement comprises 15 employees, with additional workers being appointed on a contract basis as and when required. Any additional workers are sourced from local communities located close to the respective sites, thus contributing to the upliftment of the community.

Our management structure have a collective history of over 75 years' experience in the communication industry.

2 Vision, mission, and core values

Vision

We will fortify our presence in the telecommunications market and grow our market share by pursuing the following goals:

- Put our customers first.
- Be a great place to work where all give their best.
- Identify and then exceed customers' requirements.
- Expand our service offering to provide customers with a turn-key solution.
- Follow environmentally sustainable practices wherever possible, both in-house and on site

Mission

Be a leader in the telecommunications manufacturing, construction, and installation industry by pre-empting customer needs with an innovative and comprehensive product offering.

Core values

- Customer-driven
- Respect for people and the environment
- Safety of our people
- Training and development of our people
- Excellence in all we do
- Integrity and transparency

3 Product offering: Manufacturing

Towers (angle iron and tubular)

- Tapered towers self-supporting.
- Taper-parallel towers self-supporting
- Parallel towers self-supporting
- Parallel-guyed lattice masts
- Meteorology Masts
- Rooftop antenna mount poles
- Structure extensions
- Structure upgrade kits

Antenna brackets

- Omni antenna brackets
- GSM antenna brackets
- Microwave antenna brackets
- Wall-mounted brackets

Fencing systems

- Steel palisade fencing
- Welded mesh fencing
- Electrical fencing
- Heavy duty security fences
- Sliding gates
- Double leaf swing gates
- Pedestrian gates
- Special fences to match existing fences on site.

Accessories

- Platforms
- Cable brackets
- Cat ladders
- Electrical DB mounting poles.
- Instrument interface brackets
- Awnings
- PV panel mounting structures.

In-house

- Drilling
- Welding
- Cropping & punching
- Spray painting

Galvanising

- Done to specification: SABS ISO 1461 85 to 120 microns.
- Galvanising certificates available for all galvanizing done.

Painting

- Nyati anti-corrosive
- Plascon Twin pack
- Sigma paint systems
- Stone Cor Africa

Materials

Suppliers: Macsteel, VRN Steel, Trident Steel, Trident Sterling and TW Profile.

Materials certificates available for all materials used.

Outsourcing

All flanges, cleats and gussets are laser cut for precision.

4 Product offering: Installations

Background

Projects completed include complete site construction and erections across Africa.

Planning and preparation

- Site surveys
- Site designs
- Build to drawing packs
- Site material kits
- As built document packs

Civil works

- Site preparation and levelling
- Mast and tower steel reinforced concrete bases
- Underground cable route construction
- Overhead cable route construction
- Manholes
- Container plinths
- Site earth system
- Site aprons
- Water drainage systems
- Retaining walls
- Construction of concrete bunker equipment rooms
- Refurbishment and conversions of exiting rooms into equipment rooms.

Structural installations

- Erection of 12m to 120m broadcasting, microwave, GSM and radar lattice structures
- Erection of Monopoles
- Erection of guyed lattice structures
- Erection of special disguised structures
- Erection of lattice structures, interfaced to concrete buildings
- Fence installations
- Awning erections
- Solar structure erections
- Installation of antenna brackets and platforms

Tower and mast maintenance

- Repainting of erected structures
- Replacement of damaged structure members
- Total refurbishment of structures
- Guyed mast re-tensioning

Value added services

- Soil stabilization
- Equipment room reticulation
- Anti static flooring systems

5 Plant and equipment

Factory tooling

- 1m radial ARM drilling machines

- 500 AMP Co2 welding machines

- Arc welding machines

- 50t Universal cropper / punches

- Forklift

- Jigs - After the design process, each range of towers is manufactured on its own jig. Each tower is supplied with a serial identification plate.

Construction tooling

- Concrete Mixers

- Poker vibrators

- Water pumps

- Jumper compactors

- Generators

- Site toilets

- Site office containers

- Eder power winch

- Hydraulic winch

- Gin poles

Vehicles

- 1.5-ton VW Transporter

- 2 x 4m trailers

- 4 x 750kg trailers

- 6 by 1 ton Construction vehicles

- 2 x 8-ton trucks (Oryx)

- 1 x 12-ton truck (Oryx)

6 Projects completed.

Manufacturing

1100-plus orders, totaling over 3100 structures, have been successfully completed over the past twenty-one years for various clients.

Including but not limited to:

- Self-supporting towers 10 – 90m

- Guyed lattice masts 24 – 150m

- Radar antenna structures 15 - 45m

- Rooftop antenna poles 4 – 10m

- Lattice extensions interfaced to concrete Pullet towers 10 – 39m

- Tower loading capacities from 2m² up to 50m²

Site construction and installation works

More than 830 sites were successfully constructed over the past fourteen years.

Including:

- Various types of foundations

- Various fencing systems

- Various scopes of accessories

7 Client base

Clients and End-users

Global Communications	– SANDF UTN and other projects
Brolaz South Africa Pty Ltd	– MTC Namibia
	– Vodacom roll-out local and into Africa
BHT Projects Pty Ltd	
Telebuilt	
Webb Industries	
Andrew Satcom Pty Ltd	
Tractionel Enterprises	
ESCI Designs Pty Ltd	– MTC Namibia
	Thales SA
	EVS Systems
	De Beers Mining
	Kusile Power station
	Namibian Parks Board
	Zambian Aviation
	ATNS
	Armcor
	Telecoms Namibia
	Namibia Broadcasting Corporation
	Lesotho Broadcasting Corporation
	Multichoice
	MTN Cote Ivoire
	Enana Angola
	Japanese Embassy
Reutech	– SANDF site builds
Communication Broadcasting Technology	
Likusasa	
Obelisk Wind Energy	
Vitrozys	– Mozambique Police
Sky Coverage Pty Ltd	
Ecost Building Management	– Cell C and MTN Site Builds
RBI-Tech	– Vodacom site upgrades
Helios Towers SA	– Local infrastructure rollout
NEC/XON systems	– NTBI Microwave backbone network roll-out for the Department of Defense

Countries where our structures have been deployed.

Angola
Botswana
Democratic Republic of the Congo
Ivory Coast
Mozambique
Nigeria
South Africa
Tanzania
Zimbabwe
Guinea
Zambia
Namibia
Swaziland
Lesotho
Kenia
Egypt

8 Documentation

The following documentation is open for inspection at our premises:

Manufacturing

Quality control manual

Quality control inspection reports -

- Non-destructive testing on welding (MPI)
- Physical dimension inspection

Orders

Drawings

Bill of materials

Invoices

Qualifications of our staff in their fields of expertise

History files (towers)

Certificates:

- Materials certificates
- Release certificates

Site Build

As Built documentation

Other

BBBEE Certificate (Level 2)

OHS Policy and System

9 COMPANY CONTACT DETAILS

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BBBEE Rating

Level 2

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