



**GEOMECH AFRICA**  
Proudly **CEO GROUP**



**GEOMECHANICS**  
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# FACT SHEET

**CPTu Testing**

**TITAN  
TG-150 RIG**

**GEOMECH AFRICA  
LEVEL 1 - B-BBEE**

[www.geogroup.co.za](http://www.geogroup.co.za)



## About the Titan TG-150

With control and mobility in mind, the Titan TG-150 was specifically designed for reinforced testing.

Mounted to a Mercedes Axor, this customisation allows the truck to act as a counterweight that prevents the rig from lifting mid-test and provides the reaction force needed to offset the 190kN of thrust applied while advancing the CPTu probe and rods at a constant 2cm per second.

The Axor is also equipped with built-in outriggers for added rig stability.



### TECHNICAL SPECIFICATION

Maximum Thrust Force	19 Ton / 190 kN
Maximum Retraction Force	18 Ton / 180 kN
Operating System Pressures	250 bar / 25Mpa
Combined Rig Weight	15 Tons



# TITAN TG-150



Onboard CPTu controls for precision testing.

The Mercedes Axor is fitted with a Pagani TG-150 mast and an onboard computer system for real-time data readouts.

The mast is securely mounted to the Axor flatbed for improved operator mobility.



Outriggers attached to the Mercedes Axor provides increased stability.



# TITAN TG-150



## The GeoGroup

GeoGroup comprises of a group of companies, each a leader in its own field, providing a range of services to the geotechnical, civil, mining and energy industries.

### CONTACTS

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## About Geomech Africa

Geomech Africa (Pty) Ltd is an industry leader in geotechnical investigations in Southern Africa. Certified as a **Level 1 B-BBEE** contributor. Providing drilling and testing services to the minerals exploration market, as well as geotechnical and civil industries in and around Southern Africa and Africa.

Geomechanics has long-term policies of developing operational/maintenance staff and upgrading equipment, to ensure that geotechnical investigations conducted for our clients are accurate, timely, cost effective and easily interpreted.

GeoGroup Head Office



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