



GEOMECH AFRICA
Proudly **GEO GROUP**



GEOMECHANICS
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FACT SHEET



**YWE
D90R & D45R**

**GEOTECHNICAL
AND EXPLORATION
DRILLING RIG**

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

www.geogroup.co.za

Portable Rotary Drill For:

- Site investigation drilling
- Prospecting for minerals aggregates etc.
- Structural drilling
- Shallow water well drilling
- Seismic shot hole drilling
- Wellpoint & piezometer installation holes



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Technical Specifications

	D90R	D45R
CAPACITY	100 m (NW casing)	50 m (NW casing)
SPINDLE BORE	92 mm (NW casing)	47 mm (AW rod)
STROKE	500 mm	350 mm
SPEED (REVERSE)	91/ 340/ 524 rpm	110/ 210 /430 rpm
TORQUE (REVERSE)	79/ 21/ 14/ kgfm	39/ 20/ 10 kgfm
THRUST	3 700 kgf	2 500 kgf
TRANSMISSION	3 forward, 1 reverse	3 forward
HOIST CAPACITY	1 250 kgs	700 kgs
RETRACTION	370 mm	240 mm
POWER	36 kW	20 kW
WEIGHT	2 500 kgs	1 050 kgs
DIMENSION (WxLxH)	1 110 x 2 030 x 1 750	800 x 1 600 x 1 220
MAST	Ladder mast 5,5 m high	Tri-pod 5 m high





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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

GeoGroup Head Office

Plot 28, central road
Sunrella
Lanseria, Gauteng
South Africa
info@geogroup.co.za
0861 436 632
+27 (0)11 966 7760
Fax: +27 (0)86 663 3896

Eastern Cape Branch

East London
Branch Manager:
Barry Kruger
Barryk@geogroup.co.za
+27 (0)83 616 0399

Western Cape Branch

19A Zonnekus Rd
Morning Star
Cape Town
Branch Manager:
Brett Mannix
Brettm@geogroup.co.za
+27 (0)79 519 2629

KwaZulu Natal Branch

Lynnfield Park
Ashburton
Branch Manager:
Dries de Beer
Driesd@geogroup.co.za
+27 (0)82 578 0023

Uganda Branch

Plot no. 8
Mungonya Rise
Naguru, Kampala, Uganda
Branch Manager:
Geoffrey Okello
Geoffreyo@geogroup.co.za
+256 776 959 454

About Geomech Africa

Geomech Africa (Pty) Ltd is an industry leader in the 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



Contact Us

Neil Mackintosh
+27 83 229 4143
NeilM@geogroup.co.za

0861 436 632

info@geogroup.co.za
www.geomechanics.co.za