



GEOMECHANICS
Proudly *GEO GROUP*

FACT SHEET

“Jack Tup”

Jack-Up Barge

www.geomechanics.co.za





GEOMECHANICS

About The Jack-Up Barge

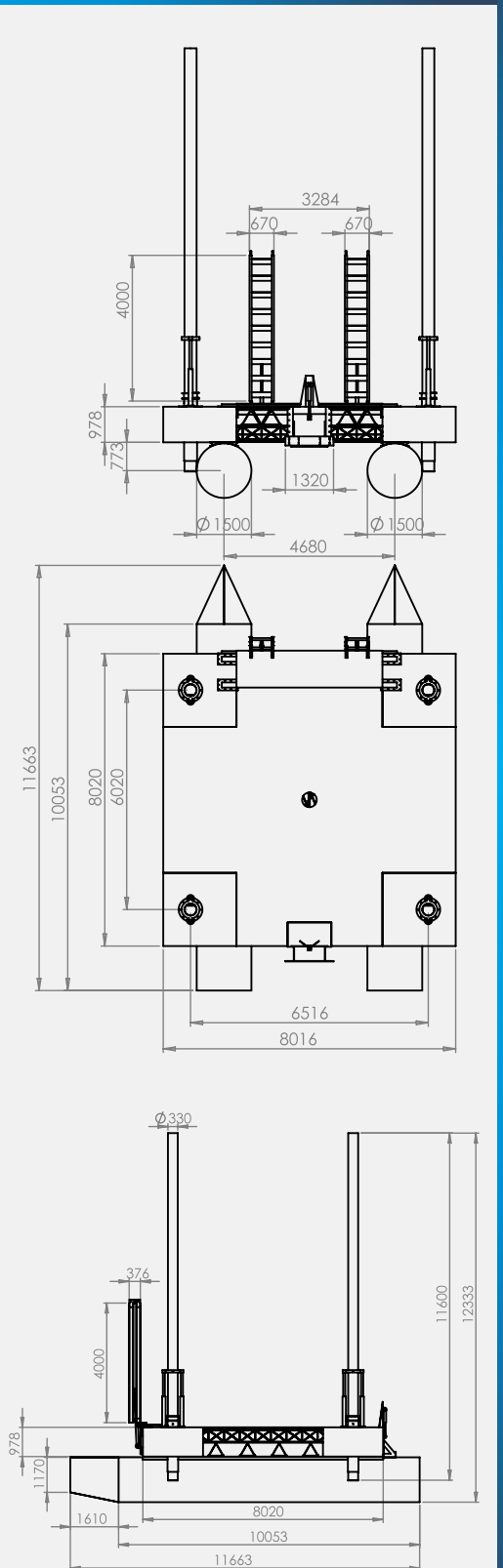
Geomechanics built its Jack-up barge in 2010. Since the inception of the Jack-up barge Geomechanics has successfully completed numerous projects with the barge in varying conditions from rivers such as the Zambezi and Nile river to Lake Malawi and Lake Albert. Its versatile and compact design make it easy to transport via road or sea freight in 2 no. 12m containers which make the Jack-up barge ideal for any near-shore, lake or river conditions. Since 2010, Geomechanics barge has gone through various upgrades and modifications to make the barge ideal to operate in a broad range of conditions to suit all our clients needs.



JACK-UP BARGE

Technical Specifications

PONTOONS	2 No. 11,6m (11 600mm) x 1,5m (1 500mm)
RAMPS	2 No. 8m Hydraulic operated ramps for loading and offloading equipment
POWER UNIT	2 No. 90Hp Yamaha outboard 2-stroke motors fitted to a hydraulic operated transom.
HYDRAULIC SYSTEM	2 No. 6Hp petrol operated engines driving 2 hydraulic motors operating the Port and Starboard side of the jacking platform
BARGE GROSS TONNAGE	22,25 Tons (49 052 lbs)
MAXIMUM GROSS LOAD WHILE MOVING	8 415,6 kg (8,4 Tons)
MINIMUM DRAFT	0,8m (800mm) with no load
MAXIMUM DRAFT	1,2m (1 200mm) with maximum load of 8,4 Tons
MAXIMUM WATER CURRENT	1,5m/second
MAXIMUM SWELL	1,0m (1 000mm)
DECK	
BARGE DECK	8m x 8m (64m ²)
WORKING AREA	36m ²
LEGS	
LENGTH	11,6m - 13,6m (11 600mm - 13 600mm)
DIAMETER	0,33m (330mm)
SAFETY SYSTEM	
HAND RAIL	1,2m High around the full length of the barge deck
LIFE RAFT	10 Person life raft





About Geomechanics

Geomechanics (Pty) Ltd is an industry leader in the geotechnical investigations in Southern Africa. 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.



Contact Us

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

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

GeoGroup comprises of a group of companies, each a leader in it's 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