

MARSHBUGGY

13 tonne Amphibious track mounted CPT Rig



SPECIFICATIONS

Overall Dimensions	Width: 3m; Length: 8m; Height: 3.9m
Gross Weight	13 tonne
Ground Bearing Capacity	0.10 kg/cm ² (9.8kPa / 1.4psi)
Speed	4.3km/h on level ground 2.5km/h in water
Grade ability	100%
Engine	Cat C4.4 with 142 bhp @ 2,200 rpm
Fuel Tank	170 L (Diesel)
Drive Train	Hydraulic Pumps: Sundstrand 75 cc variable displacement Hydraulic Motors: Sundstrand 80 cc fixed displacement track drive motors Speed Reducers: Funk planetary speed reducers
Pontoons	Width: 0.91m; Length: 7.31m; Height 1.2m
Track Roller Chain	101.6mm Pitch Heavy duty Engineer class. Two strands per Pontoon
Track Cleats	76mm x 51mm UHMW Plastic cleats
Chassis	All steel welded construction with box tubing frame Expanded metal deck welded to I-beam and channel base
Deck	Width: 2.9m; Length: 6.7m

EQUIPMENT / FEATURES

Winch (1)	Ramsey Winch: Hydraulically Powered 5.4 tonne line pull with 46m of 9.5mm wire rope.
Winch (2)	Custom Winch: Hydraulically Powered 2 tonne line pull with 350m of 6mm wire rope.
Winch (3) Ancillary (Land based)	Haglands Winch: Hydraulically Powered 6.4 tonne line pull with 300m of 19mm wire rope.
Other Equipment / Features	2.4m x 1.2m Plastic Bog Boards (x 20) High pressure water cleaner (hydraulically driven) 200L water tank 90 sec Fire suppression system (65L), with remote activation 9kg ABE Fire extinguisher Remote Control Radio system for tracking 3 points Emergency stop Stabilising pontoons Work Bench Tool box Covered work platform Secure Seating, with seat belts, for 4 personnel Mooring anchors (x 2)
Support Vehicles	Max IV Amphibious ATV with dual tyres Hov Pod SPX 120HP Hovercraft
Transport	Prime Mover & 14.5m Drop-deck trailer with ramps (tools, spare parts, ancillary winch stored with trailer)

SERVICES

Geotechnical Services provided	CPT, CPTu, SCPT, SCPTu (1, 5, 10, & 15 tonne cones) DMT, SDMT Ball Penetrometer Dissipation Testing CPT casing for additional rod support Dual Tube (percussion) sampling Piston Sampling MOSTAP and PROBEDRILL soil sampling Vane Shear Testing (Electronically driven) Vibrating Wire Installation Water Sampling Standpipe Installation (20mm; 32mm & 50mm)
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