

DRILLTECHNIQUES DRILLING EQUIPMENT



Vehicle Mount Catalogue

drilltechniques
EXPERTISE DRIVING PERFORMANCE

AUSTRALIAN DESIGNED AND MANUFACTURED

Drilltechniques has been successfully designing and manufacturing hydraulic equipment for more than ten years.

Our innovative products continue to stand the test of time and because we adopt a quality system, every piece of equipment we manufacture is an improvement on the previous build.

We service, maintain and supply critical spares all over Australia and New Zealand. We support our customers with expertise that drives their performance.



drill  **techniques**
EXPERTISE DRIVING PERFORMANCE



TRUCK MOUNTED GEOTECHNICAL

The Drilltechniques range of truck mounted geotechnical hydraulic drilling rigs



D4TAPGLITE – 4X4 UTE MOUNTED

The D4TAPGLITE is our lightest vehicle mounted geotechnical rig. Ideal for shallow Augers and Standard Penetration Testing. The R1D rotary is capable of up to 700 rpm.

Summary of Specifications:

Mast	
Nominal Feed force	4,000 kg/f
Nominal Retract force	4,000 kg/f
Feed stroke	2,050 mm
Total length:	2,873 mm
Rotary	
Gears	2
Max Torque	1,250 Nm
Max Speed	500- 700 rpm
• Air cooled auxiliary diesel engine 25Hp	
• 500 kg winch	



D4TPTOG – 4X4 UTE MOUNT PTO DRIVEN

The D4TPTOG is a Landcruiser mounted geotechnical rig that uses a special adaptation of the vehicles PTO to run all the hydraulic systems on the rig. The rig is capable of a wide range of geotechnical investigations including SPT and auger sampling. Summary of Specifications:

Mast	
Nominal Feed force	4,000 kg/f
Nominal Retract force	4,000 kg/f
Feed stroke	3,250 mm
Total length:	4,370 mm
Rotary	
Gears	2
Max Torque	2,440 Nm
Max Speed	530 rpm
• Foam/Water Pump	• Auto SPT
• 500 kg winch	• Single Clamps



D4TAPG – 4X4 LIGHT TRUCK MOUNT

The D4TAPG is designed to be mounted on a light 4x4 truck with a 7.5t GVM. It can be configured with a wide range of geotechnical testing applications including drilling, SPT and DPP

Summary of Specifications:

Mast	
Nominal Feed force	4,000 kg/f
Nominal Retract force	4,000 kg/f
Feed stroke	3,250 mm
Total length:	4,370 mm
Rotary	
Gears	2
Max Torque	2,440 Nm
Max Speed	700 rpm
• Foam/Water Pump	• Auto SPT
• 2,000 kg winch	• DPP Hammer
• Double Clamps	• Radio remote winching



D4TAPHT – 4X4 MEDIUM TRUCK MOUNT

The D4TAPHT is designed to be mounted on a medium rigid 4X4 truck. With an on-board compressor, its purpose is primarily Auger and DTH Hammer activities in earthing or installations like solar farms.

Summary of Specifications:

Mast	
Nominal Feed force	4,000 kg/f
Nominal Retract force	4,000 kg/f
Feed stroke	3,250 mm
Total length:	4,430 mm
Rotary	
Gears	2
Max Torque	3,820 Nm
Max Speed	115 rpm
• Sullair 260H compressor	• Rod rack
• 500 kg winch	• 800 litre water tank
• DTH Lubricator	• Mine specification



D7TAPG – 4X4 MEDIUM TRUCK

The D7TAPG is the largest truck mounted geotechnical rig we produce. The rig is powered by a 100 HP auxiliary engine to run all the hydraulic systems. It can be configured with a wide range of geotechnical testing applications including core drilling, SPT and DPP.

Summary of Specifications:

Mast	
Nominal Feed force	3,250 kg/f
Nominal Retract force	7,500 kg/f
Feed stroke	3,500 mm
Total length:	5,000 mm
Rotary	
Gears	2
Max Torque	4,770 Nm
Max Speed	750 rpm
• Rod Rack	• Auto SPT
• 4 X winches inc. wireline	• Progressive Cavity Pump
• Double Clamps	• Auto SPT



D12TPTOG – 4X4 TRUCK MOUNT PTO

The D12TPTOG is a geotechnical rig that uses a special adaptation of the vehicles PTO to run all the hydraulic systems on the rig. It can be configured with a wide range of geotechnical testing applications including drilling, SPT and DPP. The rig is suitable only for a limited range of 4X4 light trucks such as the Iveco Daily and Hino 300/817 with correct PTO installed.

Summary of Specifications:

Mast	
Nominal Feed force	6,000 kg/f
Nominal Retract force	12,000 kg/f
Feed stroke	3,200 mm
Total length:	4,500 mm
Rotary	
Gears	4
Max Torque	2,400 Nm
Max Speed	700 rpm
• Rod Rack	• Auto SPT
• 1000 kg winch	• Progressive Cavity Pump

