



Archway dart drilling rig

What is the archway lightweight competitor Dart rig?

The Archway Lightweight Competitor Dart Rig is a versatile soil sampling and geotechnical testing rig specifically designed for geotechnical and contamination analysis. The rig is compact and track mounted for easy manoeuvrability to site.

How does a drilling rig work?

The rig is compact and track mounted for easy manoeuvrability to site. It is transported to site via long wheel based van together with all the necessary tools for testing and sampling. In this form the sampling unit is powered by a Honda diesel engine to allow for reliable continuous drilling.

What is a dynamic sampling rig?

We investigate shallow ground conditions using an Archway Dart dynamic sampling rig. This is also known as Window Sampling (incorrectly*) and is an excellent technique for shallow investigation like traditional low-rise construction projects. The drill rig is lightweight and small diameter, meaning it is relatively low impact.

How is the rig delivered?

The rig is delivered in the SPT configuration. This configuration shown in Figure 10 is for SPT, Super-Heavy Dynamic Probing and for general soil sampling, utilising a 63.5kg weight with a drop height of 760mm. The weight assembly is complete with two side plates fitted and with the lifting forks at the base of the weight block.

How do you disconnect a drilling rig?

Fit the front and rear legs and screw the jacks down onto the load-bearing plates to level the rig. Alternatively, the rig can be disconnected from the tracked power-carrier or trailer and used in stand-alone mode when necessary. To disconnect the rig, first stand it upright in the drilling position.

How does a sampling rig work?

In this form the sampling unit is powered by a Honda diesel engine to allow for reliable continuous drilling. The rig is capable of completing drive sampling to a depth of 10m at a range of diameters and the completion of Standard Penetration tests (SPT's) and dynamic probes to ascertain insitu densities of the underlying soils.

We're excited to announce the arrival of our newest heavy-duty dart rig, enhancing our drilling capabilities at Subadra. This robust addition comes fully equipped with a Chalwyn ...

The rig is 2.6 meters long and between 0.7 to 1.2 meters wide. It can traverse slopes up to 25-30 degrees and no more than 20 degrees cross slope. The rig ...



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Discover the diverse range of drilling rigs at GA Site Investigation Ltd in Guisborough. From rotary to sonic rigs, we provide reliable and efficient ...

Casing and Rig Hire Borehole Solutions provides a range of different, versatile drilling rigs for projects, as well as several casing hire options. These include ...

Dynamic Window Sampling Rig Yanmar Air Cooled Diesel engine Dumating nang walang sampling rods May Front Screw Jacks at bearing plates Naka-mount sa isang self-propelled ...

Tracked Percussive Rigs Windowless sampling is carried out by one of our 3 Archway Dart rigs, 3 Premier 120 series tracked percussive rigs, or one of our ...

Case Studies I have been drilling window sample boreholes for 15 years now and have operated most of the Window Sampling Rigs on the market. In 2009 we settled on the Archway Heavy ...

The rigs are designed for use by a single operator and drilling can begin within minutes of arrival on site. Because the units are light in weight, site ...

The T6 is a core barrel of sturdy design suitable for coring in all formations. The barrel is used with core bits with a relatively thin kerf to maximize the rate of penetration. T6 barrels can be used ...

METHOD STATEMENT FOR DRILLING & SAMPLING WITH ARCHWAY COMPETITOR RIG
General The Competitor is designed to sink boreholes up to 130 mm diameter through soils ...

The drilling is undertaken using our Archway Dart Heavy Duty rig, a widely recognised and reliable piece of equipment, built here in the UK.

Our in house teams use a lightweight Archway dart rig to collect undisturbed samples to a depth of approximately 8m bgl. This rig uses a 63.5kg weight to ...

Welcome to Geo Site Surveys We specialise in windowless soil sampling, cable percussion drilling (shell & auger), dynamic probing, concrete coring/sawing & ...

The rig was handed over to Director (and our Head of Drilling) Angus Gale, by Michael, one of the skilled mechanical fitters from Archway Engineering. Michael provided a ...

Premier Plant Engineering, manufacturers of ground drilling rigs & equipment.
Premier 110 & 210 series drill rig for dynamic probing & soil sampling and ...

· Run from a remote hydraulic power pack up to 27m from rig. No fumes at working area. ·
· Same capabilities as standard tracked dart rig · Standard penetration testing · Concrete coring

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Lot 5 Archway Engineering Dart Mini Tracked Lightweight Window/Windowless Sampling & Dynamic Probing Rig (Purchased New Dec 2016). Compact Rubber Track Mounted Rig ...

Competitor Dart (2 Rigs) & Premier 110 Window Sampling Rigs These machines are light, manoeuvrable and compact tracked window sampling rigs with the Dart allowing access ...

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Window samplers are designed to take disturbed soil samples from different depths. They are increasingly used for investigation of contaminated ground. ...

Windowless Sample Drilling We drill exploratory boreholes using our tracked Archway Dart Heavy Duty Rig. NVQ L2 Certified Staff.

provide cased boreholes, undisturbed samples & insitu testing in the form of SPT & Dynamic Probing (DPH & DPSH). With an additional tool this rig can be used for concrete coring.

Tracked Percussive Rigs Windowless sampling is carried out by one of our 3 Archway Dart rigs, 3 Premier 120 series tracked percussive rigs, or one of our 5 Dando Terrier Rigs. Samples are ...

Competitor Dart 130 Rig - Regional Drilling Dimensions (mm) with mast retracted: 2360 L x 760 W x 1270 H Dimensions (mm) with mast elevated: 2700 L x 760 W x 2400 H Gross Weight: ...



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