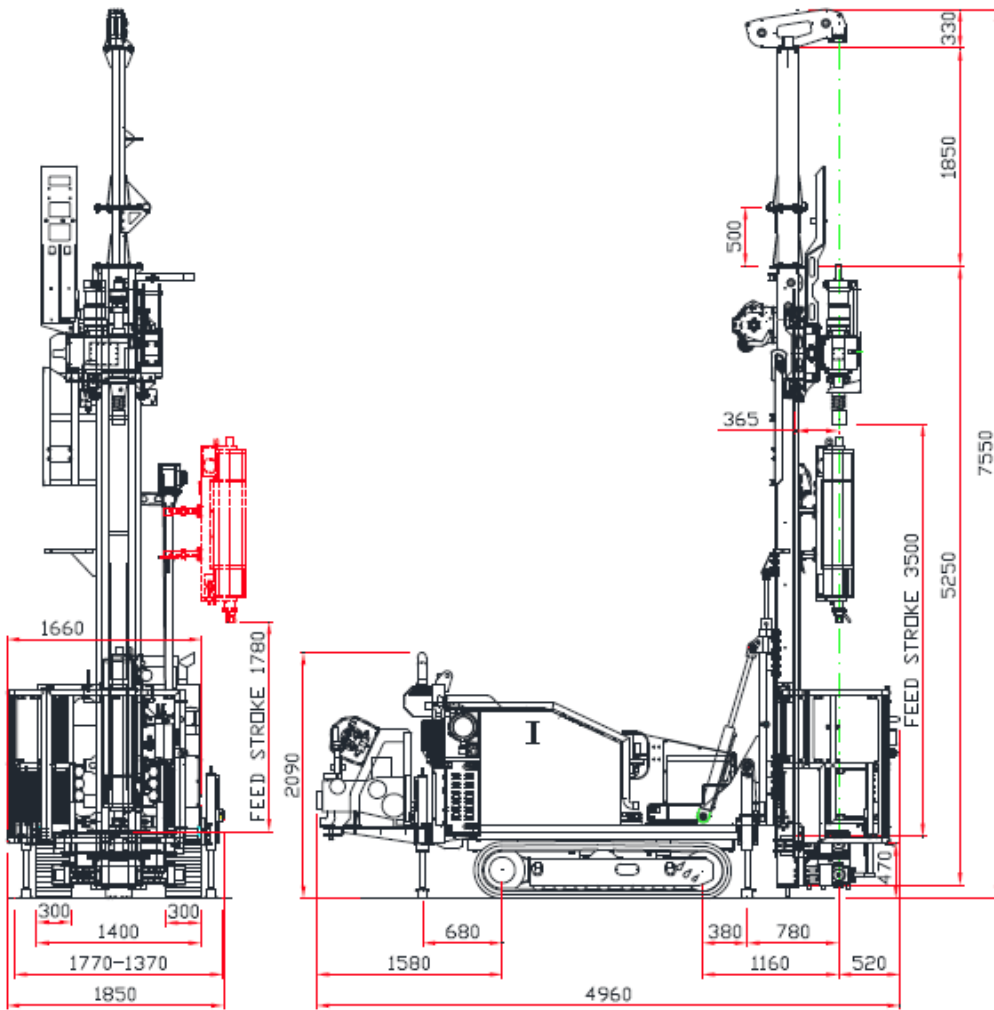


**MAST HEIGHT**

ADD 200-300MM TO MAST HEIGHT, TO ALLOW DRILLER SOME MOVEMENT WHILST DRILLING, AND TO ALLOW FOR MAST POSITIONING IN ORDER TO ACCOMMODATE CASING HEIGHT.



The GEO405 is a very compact, yet very powerful and hugely capable rotary rig, equally as capable of both geotechnical SI work or open hole drilling to depths in the order of 150m bgl.

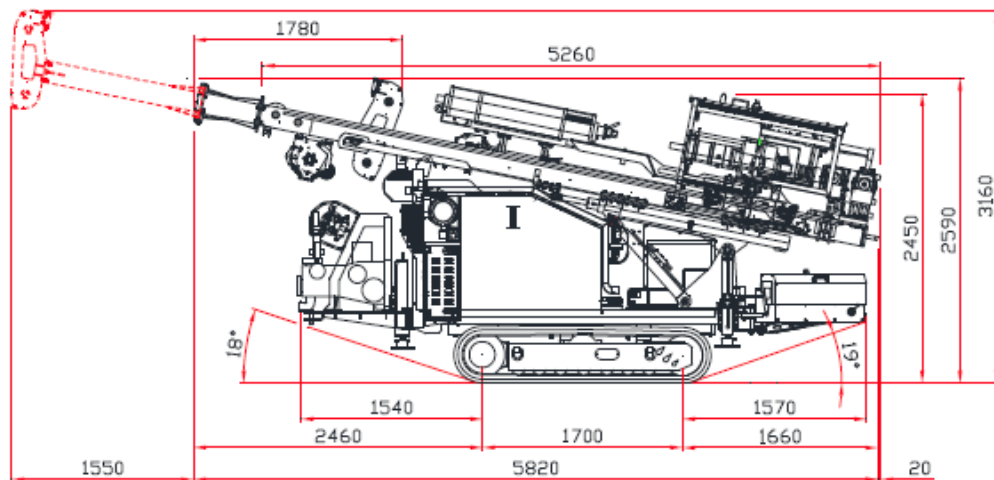
The GEO405 rotary drilling rig is transported to site with our in-house 26t beavertail plant truck, this truck also carries all in-hole equipment as well as auxiliary equipment such as compressors and mud recycling equipment.

The rig is supported by an Iveco 7t van and operates many systems, the capabilities of which are outlined below.

The rig can provide continuous cored sample recovery via dynamic sampling and rotary coring either conventionally with T6-116 or T6-146, or with wire-line in the form of Geobor-S.

It can also efficiently drill rotary open holes with the use of PCD and tri-cone NC bits. All systems are supported by either the on-board triplex 200L/min mud pump or an auxiliary compressor.

The rig can operate on either a day rate or meterage rate and is sent to site under ADP Group's standard assumptions and pre-requisites.



## Drilling Rig Specification Sheet

ADP Group Rotary Drilling Rig nr.DR9

Comacchio GEO405

Serial Number 3092

### Rig Capabilities

Dynamic Sampling	20m
Hollow Stem Auger	30m
Conventional Rotary Coring	150m
Geobor-S Wireline Coring	150m
Rotary Open Hole	150m

Height	Width	Weight	Max Pullback	Noise Levels (approx.)	
Full Mast - 7.55m	Narrowest - 1.85m	7600kgs	6500kgs (10t extractor)	Engine Idle @ 1m	88dB
Reduced - 6.20m	Standard - 1.85m	<b>Ground Pressure</b>	<b>Set-up Area</b>	DS Hammer @ 1m	115dB
Tracking - 3.16m	Safety Cage - 1.85m	1.40kg/cm <sup>2</sup> / 20psi	4m W x 10m L	DS Hammer @ 10m	94dB