



Autoguide 1 tonne Drop Hammer Specification

Outline specification for vehicles which conforms to all relevant UK / EU vehicle, environmental and health & safety legislation.

Vehicle Type:	Autoguide Drop Hammer Piling Rig
Colour:	Complete machine to be shot blasted prior to a high zinc primer Machine to be painted in 2 pack paint in Colets Piling RAL 9010
Engine:	3 cylinder turbo Kubota engine
Drive:	Hydrostatic drive with servo controlled tracking
Brakes:	Hydraulic fail safe
Exhaust:	Mounted under chassis facing rear
Electrics:	12 volt
Track width:	250mm
Ground clearance:	120mm
Overall length:	2950mm
Overall width:	760 - 1020mm Expanding tracks
Overall height:	2100mm (Transport)
Mast length:	2000mm (extended 3000mm)
Drop Hammer Weight	1000Kg
GVW:	2000Kgs
Grade ability:	15 degrees
Speed	4.8 km/h

Operation information

Key start from main console

Tracking levers situated on main console

All stabilisers fold in to body width for transport. Hydraulic controls for stabilisers are on main console

Pull Master free fall winch to be offered at 41m/min

Additional Equipment:

Gear pumps to run hydraulic system 2 pumps for equal tracking and combined flow for the winch this will be a pressure carry over system so no need for diverter valves plus a 3rd to run additional movements

Combined flow of 90l/min to run winch

3 x Emergency engine stops (one each side and one to the rear of machine)

LED Work lights on mast (2 x forward and one rear facing)

Fuel capacity to be 60 litres for 1 day use

Low level chaining points for transport

High level lifting points for lifting with lorry loader or larger plant crane for site positioning

Length	2950 mm
Width	760 mm
Height	2100 mm
Track Width	720-1020 mm
Tracking Speed	2.3/4.5 km/h
Weight	2000 Kg
Engine	Kubota V1505 Turbocharged
Engine Power	33 kW (42HP)
Fuel Capacity	55L
Pumps	Triple Gear Pumps
Oil	Hydraulic Oil AWS 32
Oil Flow	110 L/min
Max Oil Pressure	210 Bar
Winch Max Line Pull	14.8 kN
Winch Max Line Speed	56 m/min
Winch Max Cable Length	30 m