

Premier Plant Eng. Ltd

Manufacturers of ground drilling machines and equipment

ROCKBIT UK

DRILLING EQUIPMENT DESIGNED
& MANUFACTURED IN THE UK



Standard / option specification for Premier 110 Series Drill rig

Engine / Chassis

Honda 13 hp GX390 petrol engine with electric start

Hydraulic system

2 No. gear pumps 15 litres / min @ 180 bar

System oil capacity 30 litres

Mast assembly with fully enclosed automatic percussive device for DPSH / SPT and window / windowless sampling

Automatic DPSH / SPT Pentrometer carriage. Hammer 63.5 kg x 760 mm fall x 35 blows / min

Carriage stroke	1300 mm
Push	300 kg
Integral hydraulic pullback system	7000 kg
Vertical slide stroke	300 mm

Under carriage

Standard track length 1165 mm fixed @	750 mm
Track width	180 mm
Ground bearing pressure	0.25 kg / cm ²
Max gradient	30 deg
Speed	3 km/h

Track controls

Remote track controller, enabling safer maneuverability of the machine

Colour

Finished in deep blue Ral 5010

Dimensions and weights. Standard machine

Mast horizontal

Length	2000 mm *
Width	750 mm **
Height	1350 mm *
Weight	850 kg

Mast vertical

Length	2100 mm *
Width	750 mm **
Height	2200 mm *

*no upper rod guide ** no side basket

Total for above standard machine Ex-works Haslingden GBP

£ P.O.A.

1 Training day for 2 people at our premises is included in the price of the machine

OPTIONS / UPGRADES

Variable width tracks

Track width movement from 750 mm – 1050mm

Dual Standard carriage

DPH (50 kg x 500 mm drop) & DPSH / SPT (63.5 kg x 760 mm drop)

Hydraulic rod clamp

Diameter range	30 – 155 mm
Clamp force	18 KN

Upper Rod Guide mech.

OPTIONS / UPGRADES cont.

Removable side basket with vice

Two speed jacking

Upgrade pull back capacity to 15 tonne

Tool storage compartment

Upgrade to environmentally friendly bio degradable hydraulic oil

Hydraulic power take off PTO.

Steel loading ramps

Upgrade to air cooled Hatz 1D81C supra silent pack diesel engine

Release type rod clamp/grip

Open sided rod clamp/grip

Casing pull back stop

Dynamic probe footguide

Coring attachment

All prices are subject to vat at current rate

