

# Premier Plant Eng. Ltd

Manufacturers of ground drilling machines and equipment



## 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 <sup>2</sup>
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.

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Removable side basket with vice

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Two speed jacking

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Upgrade pull back capacity to 15 tonne

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Tool storage compartment

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Upgrade to environmentally friendly bio degradable hydraulic oil

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Hydraulic power take off PTO.

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Steel loading ramps

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

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Release type rod clamp/grip

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Open sided rod clamp/grip

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Casing pull back stop

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Dynamic probe footguide

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Coring attachment

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**All prices are subject to vat at current rate**



***Premier Plant Eng. Ltd***

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