

## **InWell Rigs**

SI100 model, Tripod mounted Top Drive DTH cum rotary drill rig is Capable of drilling in any kind of medium to hard rock formation using DTH, unconsolidated and alluvial formations by rotary method up to a maximum depth of 100 meter, under favourable drilling conditions. The following are the detailed specifications.

Sl.No	Description	Size
1	Drilling diameter Depth Over burden	<b>DTH drilling</b> 4.5"(114mm) 300feet(100m) 7"(178mm) <b>Rotary drilling(optional)</b> 4.5"(114mm) 300feet(100m) 7"(178mm)
2	Power	15HP or higher capacity
3	Mast overall Length Rotary Head travel Centralize opening	2700mm 1800mm 8"(203mm)3000kgf/2000kgf
4	Pull back / Pull down Hoisting speed Torque Rotation speed Max operating pressure Hydraulic Tank capacity	3000kgf/2000kgf 10mtr/minute 80kg-m 0-100rpm 160Kg/Cm2 50Litres
5	<b>Centifugal Pump(optional)</b> Max.Flow/Max.Pressure	600lpm/8bar
6	<b>Air compressor</b> Make/Capacity	Air compressor will be mounted on two wheel trolley GLGI/450cfm/150psi
7	<b>Air line Lubricator</b> Make/Capacity	Air line Lubricator will bw used for DTH hammer lubrication. Spinc/450cfm/150psi

