



Caring
For the
Environment



OMNISCIENT^R
INCORPORATION





Omniscient Incorporation is renowned for manufacturing and exporting world class **Drilling Rig Machines**. We have put our years of experience and expertise forward to manufacture and export the **Drilling Rig Machines**. The product is the part of Omniscient, the successful brand name that effectively provides startling industrial support services.

It is used to penetrate inside the land to create a hole. They are used for an array of purposes. For example: drilling water wells, oil wells, natural gas wells, foundation holes, construction, and the list goes on. The machinery is mounted over a mobile vehicle like trucks and trailers. Our machineries are so well crafted that it can easily penetrate the earth's crust.

Reasons to buy from us

- Robust and Quality Machines

Water well drilling rig works require heavy duty structure. Along with that, being powerful, and top-notch is also important. Hence, Omniscient **Drilling Rig Machines** stands undefeated and the best.

We only use quality parts and equipment materials for the manufacturing Process like... Hydraulics Cylinder, Rotary Head Steel Cast Body with grinning gears, Hydraulic motors, pumps, control valves, check valves, Hydraulic Rubber Pipes, levelling Jacks, spanners, Water injection pump with Stainless Steel Piston, Head and Valve, Winch gear, Hammer, Button bits, Rod Line (Drilling pipes) and many more.

The best materials are effectively utilized by the skilled workers. In the end, we get the best **water well drilling rig** machine. Completely ready to dive into the Earth.



Reliability

Our machines are very much reliable. In a short span of time you will develop an immense trust over them. With our machines, you will always be assured that the work will get successful. Our unique and modern engineering makes the machine long lasting. Therefore, no doubt it is the number one choice.

Support

We are always enthusiastically ready to help you whether it's before or after sales. We host dedicated support channels. So, there would be no problem in finding solutions to your problems.

Customer Satisfaction

Full filling our customers needs and matching their standards is our utmost aim. Quality products, timely service and committed hard work. These are the things which make us the first ever choice for the customers. With the same dedication and effort, we will continue serving you forever.



a
step to
THE
GREEN
world





DRILLING RIG SPECIFICATIONS

Drilling Diameter	: 6" to 17"(203mm-432mm)
Drilling Depth Capacity	: Up to 2600 Feet (800 Mtrs)
Formation	: Soft / Medium / Hard
Prime mover of hyd. Power pack	: Truck Mounted Rig with Power from TRUCK ENGINE / DECK ENGINE
Carrier/Mounting	: Separate Truck for Mounting of Rig & Air Compressor
Compressor	: Suitable Compressor
Maximum Operating Pressure	: 210 Kg/Cm ²
Hydraulic Oil Tank Capacity	: 800 Ltrs or Depends on the different models of Rig
Mast Capacity (WT)	: 40 Tons
Mast Capacity (Rod Handling)	: 20 Feet (6.1 Mtrs)
Pull Up Speed	: 20 Mtrs/Min
Pull Up Force	: 20940 Kgfm
Pull Down Force	: 10680 Kgfm
Rotation speed	: 0-100
Rotary Head TORQUE	: 490 Kgm

Note: Due to continuous up gradation of technology, all the above specifications are subject to change.



Our Water well Drilling RIG Machine contains below things.

- Two Trucks of 6x4 suitable models with Air conditioner Driver Cabin for RIG Mounting and Compressor.
- Heavy duty Automatic Hydraulic Rod line lifter complete fitting with the RIG mounting.
- Air compressor.
- New Diesel Engine to operate Rig.
- 10" C-Channel Heavy Duty Mast.
- 10" Channel Rig Chassis with 6" C-Channel support.
- Milled MS Pulley & Standard Wire Rope.
- Rotary Head Steel Cast Body with grinning gear and FAG bearing.
- Hydraulic motor 400 OMT – 2 pcs
- 200mm Hydraulic feed Cylinder.
- PTO gear steel cast body with grinning gear and Standard bearing
- Hydro control Six liver valve – 2 Nos
- Hydro control check valve – 6 Nos.
- Hydraulic Rubber Pipes.
- Platform with 5mm checker plate.
- 140mm levelling Jack – 4 nos.
- 160mm MRC Jack – 1 Nos.
- Break out spanner with hydraulic Jack.
- Water injection pump with Stainless Steel Piston, Head, Valve operated by 200 OMS hydraulic motor.
- Winch gear with OMS motor.
- HP Hydraulic Oil 500 Ltr.
- Gear Oil.
- Oil Tank, Water Tank, Diesel Tank.
- Tool Box
- Colour to Whole RIG Machine.
- Hammer Regular.
- Hammer Over button Bit.



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