

TBW 40

Tractor Mounted Drilling Rig

Economic Pack Drilling Rig

Tractor Mounted Rigs, which are available in various models, sizes, and working capacities. The equipment is provided with a water injection pump, hydraulic system, rotary head that helps in performing 4 1/2" to 6 1/2" dia. boreholes up to 500 ft. Known for their excellent rod handling capacity. These drill rigs are suitable for hole dia 4.5-6.5" up to depth 500 feet.



TECHNICAL Specifications

Hole Diameter	4.5" - 6.5"
Depth	500 Feet
Tractor	New Holland / Form tractor / As per customer request.
Prime Mover	Tractor Engine
Application	Water Well Drill Rig
Formation	Soft / Hard Rock
Mast Assembly	Maximum Pull up force - 4500 kgs Maximum Pull down force - 2400 kgs Reeving Ratio 1:3 Maximum Pull up speed - 35 meter / minute Maximum Pull down speed - 45 meter / minute
Rotary Head	Torque Speed: 280 Kg-m Rotation Speed: Spindle RPM: 0-100 Rpm
Hydraulic System	Maximum Working pressure 200 kg/cm2 Pumps: Load sensing
Hydraulic Oil Cooler	20 gpm
Break Out Wrench	Maximum Torque : 500 kg.m Cylinder Bore : 80 mm
Leveling Jacks	Four Box type hydraulic leveling jacks Cylinder Bore Diameter: 125mm Stroke: 650mm No. Of Jacks: 4 Nos
Water Injection Pump	Triplex reciprocating pump powered by hydraulic motor
Optional Attachments	Shock sub, Stem lock, Hole sweeper, Dust collector, Digital controls, Auto drilling, GPS system, Data logging system, Welding generator.
Mast raising cylinder	Bore : 100 mm Stroke : 465 mm Quantity : 2 No's
Air Compressor	600 cfm - 200 psi / As per customer request.
Air line lubricator	18 liters