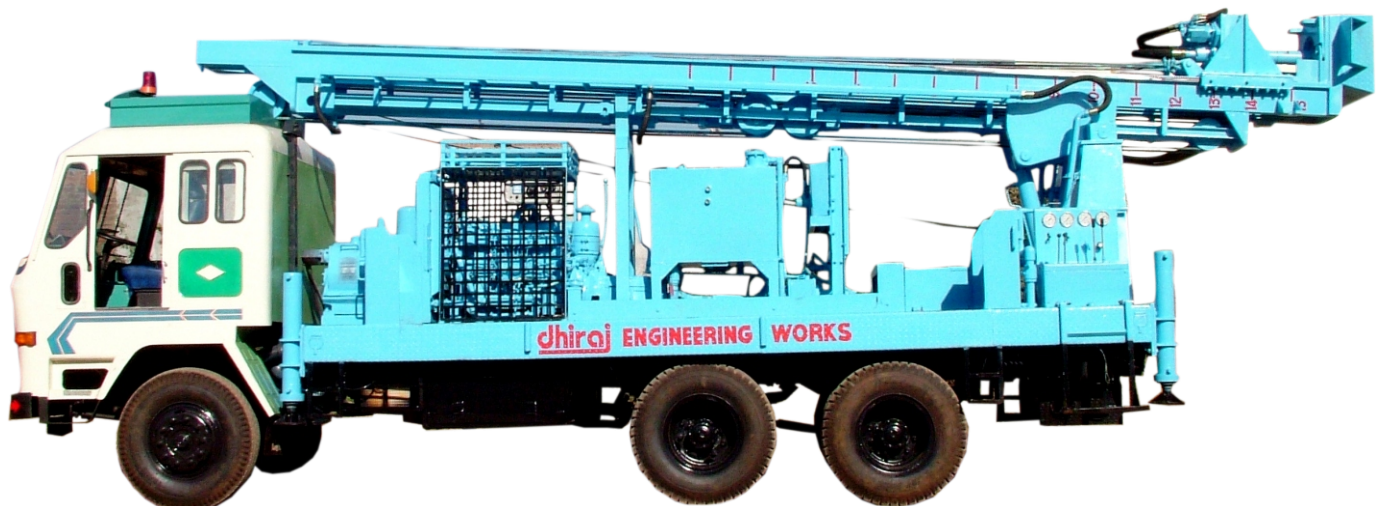


DEW 1000



## Product Detail DEW 1000

DEW-1000 is very hot in water well sector drilling industries. Specially in African countries. Most of African countries they have water level near around 300mtr. For this it required 15' feet (3 mtr) drill pipe or 20' feet (6 mtr) drill pipe. This product model have two options are available one is single truck mounted with truck engine drive hydraulic operation and second is two truck mounted deck engine drive hydraulic operation. By using DEW-1000 you can drill up to max. 1200 feet (370mtr) in 4" (100mm) to 10" (250mm) drilling diameter.



## Technical Details

Depth:	6 ½" dia bore holes to a depth of 300mtr(1000ft) using 4.5" drill rod
	10" dia bore holes to a depth of 150mtr (500ft) using 4.5" drill rod
Prime mover:	Through PTO drive from truck engine or seprate deck engine
Mast:	10" 'C' channel box type structure
	Max capacity- 17 tons(37400lbs)
	Height - 8.2 mtr (27ft)
	Rod handling 4.5 mtr (15ft)
Rod changer with auxillary winch:	Manually operated three rod changer with 2000kgs capacity pull up
	winch to carry drill pipes, hammer & other tools
Break out:	To open the drill joints hydraulic break out cylinder of 300mm stroke
	will be provided
Hydraulic system:	Hydraulic pressure : 221 kg/ cm <sup>2</sup> (3000psi)
	Pull up speed : 37mtr / min (122ft / min)
	Pull up force : 8591kg (18900 lbs)
	Pull down force : 5897kgs (12973 lbs)
	Pull down speed : 53 mtr/min (175ft / min)
Reeving ration:	1:3
Rotary head:	Maximum torque 303kg-mtrs(26400 inch-lbs)
Rotary head speed:	0 To 100
Water injection pump:	80lpm water pump driven by hydraulic motor
Optional attachment:	Hydraulic motor drive mud pump, welding machine, diesel or oil filling pump
Suitable compressor:	900cfm@200psi; 1100cfm@300psi
Jack:	Four hydraulic leveling jack for proper leveling drill point with separate lever