

DEW 2000



## Product Detail DEW 2000

DEW-2000 is specially required in that area where water level is very down means more than 400 mtr. Ethiopia, Somaliland is one of these types of countries. Now this product is very demanded from Ethiopian borehole contractor. For this it required 15' feet (3 mtr) drill pipe or 20' feet (6 mtr) drill pipe. This product model has only one option and that is two trucks mounted drilling rig. One for drilling rig unit deck engine drives hydraulic operation and second truck only for high air compressor with diesel tank. By using DEW-2000 you can drill up to max. 2000 feet (600mtr) in 4" (100mm) to 10" (250mm) drilling diameter.



## Technical Details

<b>epth:</b>	10" dia bore holes to a depth of 600mtr(2000ft) using 4.5" drill rod
	12" dia bore holes to a depth of 300mtr (1000ft) using 4.5" drill rod
<b>Prime mover:</b>	Seperate deck engine
<b>Mast:</b>	10" or 12" - 'C' channel box type structure
	Max capacity- 35tons(77161lbs)
	Height - 9 mtr (30 ft)
	Rod handling 4.5 mtr (15ft)
	Casing pipe 6 mtr (20 ft)
<b>Rod changer with auxillary winch:</b>	Manually operated three rod changer with 2000kgs capacity pull up
	winch to carry drill pipes, hammer & other tools
<b>Break out:</b>	To open the drill joints hydraulic break out cylinder of 300mm stroke will
	be provided
<b>Hydraulic system:</b>	Hydraulic pressure : 224 kgs/cm <sup>2</sup> (3200psi)
	Pull up speed : 30.5 mtr / min (100 ft / min)
	Pull up force : 18410kgs (40500 lbs)
	Pull down force : 12635kgs (27800 lbs)
	Pull down speed : 44 mtr/min (147 ft / min)
<b>Reeving ration:</b>	1:3
<b>Rotary head:</b>	Maximum torque 146kg-mtrs(12740 inch-lbs)
<b>Rotary head speed:</b>	0 To 120
<b>Water injection pump:</b>	150lpm water pump driven by hydraulic motor
<b>Optional attachment:</b>	Hydraulic motor drive mud pump, welding machine, diesel or oil filling pump
<b>Suitable compressor:</b>	1100cfm@300psi; 1200cfm@415psi
<b>Jack:</b>	Four hydraulic leveling jack for proper levling drill point with seprate lever

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