

DEW 2500



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Product Detail DEW 2500

DEW-2500 is specially required in that area where water level is very down means more than 600 mtr. Some time we got this requirement for 700mtr drilling depths. So, for those client we design this model. 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-2500 you can drill up to max. 2500 feet (750mtr) in 4" (100mm) to 10" (250mm) drilling diameter. In mud drilling by using mud pump you can drill up to Max. 1000 feet (300 mtr) in 22"(550mm) drilling diameter.



Technical Details

Depth:	8" dia bore holes to a depth of 600mtr(2500ft) using 5.5" drill rod
	10" dia bore holes to a depth of 450mtr (1500ft) using 5.5" drill rod
Prime mover:	Separate deck engine
Mast:	10" or 12" - 'C' channel box type structure
	max capacity- 42tons(92594 lbs)
	Height - 9 mtr (30 ft)
	Rod handling 4.5 mtr (15ft)
	Cassing pipe 6 mtr (20 ft)
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 : 246 kgs/cm ² (3500psi)
	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)
Reeving ration:	1:3
Rotary head:	Maximum torque 146kg-mtrs(12740 inch-lbs)
Rotary head speed:	0 To 160
Water injection pump:	150 lpm water pump driven by hydraulic motor
Optional attachment:	Hydraulic motor drive mud pump, welding machine, diesel or oil filling pump
Suitable compressor:	1100cfm@300psi; 1200cfm@415psi
Jack:	Four hydraulic leveling jack for proper leveling drill point with separate lever