

DEW TR 450



Address : Plot No. 77, G.I.D.C., KALOL 382 725 (N. Gujarat), India.
Phone: + 91 - 2764 - 226527 Fax: + 91 - 2764 - 220052
E_Mail : info@dhirajrigs.com

Product Detail DEW TR 450

Our TR series is tractor mounted drilling rig. DEW-TR450 is tractor mounted drilling rig. By using DEW-TR450 you can drill up to max. 450 feet (140mtr) in 4" (100mm) to 8" (200mm) drilling diameter. For mud area we required centrifugal pump as water mud pump. Centrifugal pump is available in different capacity. We can design it on our client required drilling depth and diameter details. For hard rock required air compressor. It is also available in different models on capacity base. We can design it on our client required drilling depth and diameter details For this it required 10' feet (3 mtr) drill pipe. This product model series is required other vehicle for air compressor carrying. DEW-TR450 drilling rig drives by tractor engine through Power tack off gear box.



Technical Details

Depth:	4 ½" dia bore holes to a depth of 200mtr(600ft) using 3" drill rod
	6 ½" and 8" dia in steps bore holes to a depth of 150mtr(500ft) using 3" drill rod
	10" dia bore holes to a depth of 50mtr (150ft) using 4.5" drill rod
Prime mover:	Through PTO drive from tractor engine
Mast:	8" 'C' channel structure
	Max capacity- 8tons(17600lbs)
	Height - 4.5 mtr (15ft)
	Rod handling 3 mtr (10ft)
Break out:	To open the drill joints hydraulic break out cylinder of 300mm stroke will be provided
Hydraulic system:	Hydraulic pressure : 154kg/cm ² (2200psi)
	Pull up speed : 6.9 mtr / min (23ft / min)
	Pull up force : 3000kg (6600 lbs)
	Pull down force : 2000kg (4400 lbs)
	Pull down speed : 10.5 mtr/min (34ft / min)
Reeving ration:	1:02
Rotary head:	Maximum torque 146kg-mtrs(12740 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
Suitable compressor:	450cfm@175psi; 600cfm@200psi ; 900cfm@200psi
Jack :	Four hydraulic leveling jack for proper leveling drill point with separate lever