

DEW TR 650



## Product Detail DEW TR 650

Our TR series is tractor mounted drilling rig. DEW-TR650 is tractor mounted drilling rig. By using DEW-TR650 you can drill up to max. 650 feet (200mtr) 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 model we have two options. One is 15' feet (4.5 mtr) drill pipe and second is 20' feet (6 mtr) drill pipe. This product model series is required other vehicle for air compressor carrying. DEW-TR650 drilling rig drives by tractor engine through Power tack off gear box.



## Technical Details

<b>Depth:</b>	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
<b>Prime mover:</b>	Through PTO drive from tractor engine
<b>Mast:</b>	8" 'C' channel structure
	Max capacity- 8tons(17600lbs)
	Height - 4.5 mtr (15ft)
	Rod handling 3 mtr (10ft)
<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 : 175kg/cm <sup>2</sup> (2500psi)
	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)
<b>Reeving ration:</b>	1:02
<b>Rotary head:</b>	Maximum torque 146kg-mtrs(12740 inch-lbs)
<b>Rotary head speed:</b>	0 To 100
<b>Water injection pump:</b>	80lpm water pump driven by hydraulic motor
<b>Optional attachment:</b>	Hydraulic motor drive mud pump
<b>Suitable compressor:</b>	450cfm@175psi; 600cfm@200psi ; 900cfm@200psi
<b>Jack:</b>	Four hydraulic leveling jack for proper leveling drill point with separate lever