



## Drilling Rigs

Specifications for 100 m and 150 m heights	
Drilling diameter	Borehole 6" to 18"
Drilling depth capacity	2000 ft. (610 m)
Application	Water well drilling
Drilling method	DTH rotary type
Formation	Soft / Medium / Hard
Prime mover	Truck mounted rig
Steel rope diameter	8.6 mm
Power pack	Power from deck engine
Deck engine	188 hp Hino engine
Mast type	Box type structure Height — 27 ft. Rod handling capacity — 20 ft. Mast load capacity 30 tonnes Double wire rope 19 mm 10" channel mast
Maximum operating pressure	240 kg/cm <sup>2</sup>
Hydraulic system	3000 PSI
Hydraulic pump	65 GPM 2 21-12 GPM 2
Mobile control valve	Parker 250 LPM CAP. 2 Hydro control 3
Rotary head	Standard special design powered by two orbital motors. Maximum speed — 60 to 200 rpm
Hydraulic cylinders	Feed cylinder — 200 mm with hard chrome M. R. cylinder — 160 mm Stabiliser jacks — 140 mm box type with load hold valves
Platform	10" bending platform 5 mm chequered plate

Specifications for 100 m and 150 m heights	
Welding alternator	200 amp standard
Water injection pump	120 LPM capacity standard
Rod changer	Auto rod changer operated by manual switch
Mud pump	Optional, at extra cost
Winch	Optional, at extra cost
Suitable compressor	IR / ATLAS COPCO / ELGI / CP / VESTA with 1100 CFM / 1200 CFM / 1400 CFM /1500 CFM
Two truck arrangement	First truck for the rig unit, second truck for the compressor