



# K40 Drilling Rig

RigKits offers the customer the ability to assemble their own drilling equipment. The kit comprises of all fabricated parts, hydraulic valves, pumps, and cylinders to build the basic K40 drilling rig. The customer has the option to supply his own power unit and crawler tracks or can use RigKits to supply these items. Hydraulic hoses and fixings kits are also available. The K40 is designed to work inside buildings and restricted access sites. With the best combination of power and stability it is capable of drilling with augers, casings and down the hole hammer rock drills up to 355mm diameter (14"). The unit can be equipped with width adjustable rubber tracks, expanding from 34" closed to 52" wide, open and is able to drill 30° side to side. As well as drilling from the horizontal to 3° over vertical. The 55kW (70hp) remote diesel or electric power unit can be up to 100m (330') from the drilling rig. Two different mast lengths are available with 1.4m (4'7") and 2.4m (7'10") strokes.



### Standard Equipment:

- 2 Speed high torque rotation head with 60mm (2 3/8") through bore for direct flushing.
- Mast side to side movement ± 15°
- Mast fore and aft movement +3° to -90°.
- Standard mast height 3.6m (11'10"), stroke 2.4m (7' 10"), with 6,300kg (13,800 lbs) pull back.
- Three position stabilizer jacks.
- Clamp system, 229mm bore (9") with optional hydraulic wrench cylinder.
- Spare hydraulic spool function.
- Hydraulic power unit 62 kW (83 hp) mounted in a rig towable frame.
- Hydraulic tank 380 L (100 gallons)
- Diesel tank 85 L (22.5 gallons)
- Electrical sytem12 volt with auto shut downs.
- Hydraulic extension hose up to 100m (330')

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### Specifications:

Height when drilling.\*.....3.6.....11'10"  
 Height in transport position.....1.5m.....59"  
 Width......863mm.....34"  
 Length in drill position.....2.1 m.....83"  
 Weight.\*.....1,500kg.....3,300lbs  
 Feed Stroke.....2.4m.....7'10"  
 Pull Back.....6,300kg.....13,800 lbs  
 Maximum Torque.....13 kNm.....9,580 lbf.ft  
 Engine .....62kW.....83hp  
 \*Dependant on options.

RigKits reserves the right to change specifications at any time without incurring obligation.



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