

K1

MAST ATTACHMENT

**FAST.
EFFICIENT.
POWERFUL.**

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K1 EXCAVATOR ATTACHMENT.

The K1 Drilling Mast Attachment uses 10 ft (3 m) long drill rods with a high speed planetary rotation head for shallow geothermal, geotechnical and small bore foundation drilling applications.

The D4 Drill Head with optional side-port bottom swivel allows for both mud and air drilling applications, as well as auguring. A high speed geotechnical drill head is also available if required.

All excavator attachments include 'T' legs for safe horizontal transport and storage of the mast. A simple 2-hose connection allows for easy attachment to the carrier machine (some carrier machines require additional hydraulics to operate the mast). The rear mount plate is built to suit the specified carrier machine/s.

The K1 can be fitted with additional features and tooling to suit a variety of applications and drill methods currently available.

Please contact us for more information or a quotation.

ROTARY HEADS : (Standard)

Max Torque	2,700 ft-lbs (3,660 Nm)
Max Speed	80 rpm
Speed Control	Variable

ROTARY HEADS : (D4 Drill Head)

Max Torque	1,020 ft-lbs (1,382 Nm)
Max Speed	140 rpm
Speed Control	Variable

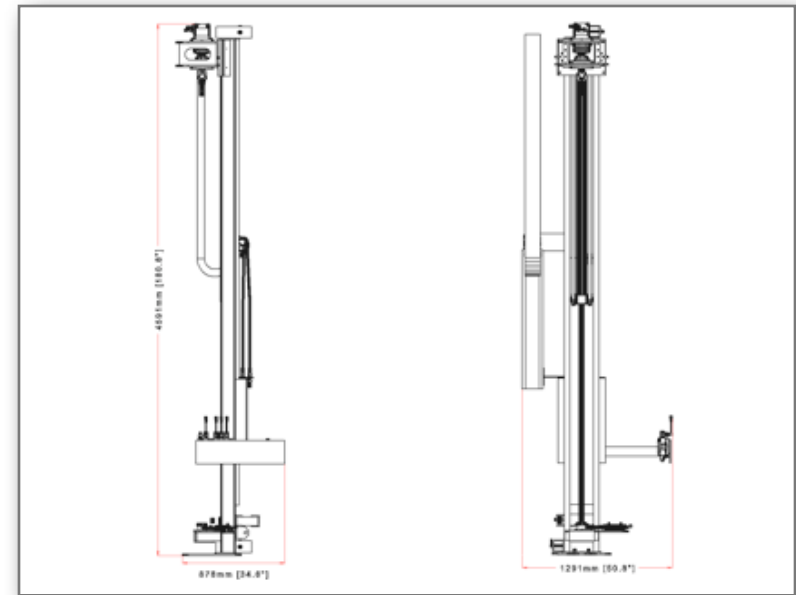
POWER & HYDRAULICS REQUIREMENTS:

System Pressure	3,000 psi (206 bar)
Max Flow	20-24 gpm (75-90 lpm)*

SPECIFICATIONS OVERVIEW:

Height	15' (4,591 mm)
Mast Stroke	11' 10" (3.6 m)
Max Pullback	8,600 lbs (3,900 kg)
Weight (mast only)	1,430 lbs (650 kg)*
Clamp System	Optional
Side to Side Movement	Optional

* Dependant on options / Additional upgrades may be required.



K1 : STANDARD FEATURES

- Auger Guide Foot Plate. 9" OD (229 mm) bore.*
- Transport/Storage T-Legs.
- Standard 2-Hose Quick-Disconnect Connection
- Hydraulic Main Cylinders provide maximum Pullback.
- Carrier Machine Mounting Plate / Bracket.*

AVAILABLE OPTIONS :

- Clam Clamps & Breakout Wrench. 9" OD (229 mm) bore.
- Double Breakout Clamps.
- Safety Clamp System. Hands-free breakout.
- Auxiliary Winch. 42' rope / 1,470 lbs pull.
- Winch Extension Package. 2,000 lbs (907 kg) pull.
- Remote Controls. Tracks Only or Tracks, Rotation & Feed.*
- Dust Suppression System for DTH Hammer Drilling.
- Trip Wire Safety System. (European Spec).
- Mast Mounted Flood Lights.
- Mono Mud Pump. 150-180 gpm / 300-800 psi.*