



**SONICOR 50K  
DRILL HEAD**



The **SONICOR 50K** sends high frequency mechanical oscillations down the drill string to the bit. The operator controls frequencies to suit specific conditions of soil/rock geology. High frequency vibrations fluidize the soil particles at the bit face, allowing for fast and easy penetration in most geological formations, including boulders and bedrock.

**SONIC DRILL CORPORATION**

DESIGNERS AND MANUFACTURERS OF WORLD-LEADING SONIC DRILL RIGS



## FEATURES

- Patented technology exclusive to Sonic Drill Corporation
- Numerous units in daily service worldwide
- Clean and compact design
- Robust construction for severe duty
- Proven reliability through many years of service
- Field-proven in many applications
- Long service life between overhaul periods
- Minimal maintenance required and easily serviceable
- Fully rebuildable for infinite life
- All replacement components kept in stock
- Counter rotating rollers generate high power sinusoidal force
- Internal air spring isolates vibrations from the rest of the rig
- Compact gear box requires only one drive motor, saving weight and hydraulic hosing
- No external grease lubrication required
- Top swivel operates completely dry, eliminating the risk of contaminating the drilling fluid for environmentally sensitive applications
- Ability to operate in any position
- Ability to function as a standard air or mud rotary drill head

- Sonic Drill Corporation originated sonic drilling technology and introduced the concept to the drilling industry
- Our equipment is the result of over 25 years of extensive research and development
- We have a solid history of real world testing with machines in daily operation around the world in a variety of applications



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\*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

The SONIC DRILL CORPORATION is the world leader in the design and manufacturing of sonic drill heads, rigs and tooling. Our patented technology has won four prestigious awards and our sonic rigs are in use on six continents and in every application imaginable.



For more information, please:  
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