



GUS PECH SONICOR 50K W/ TRACKS (R-41, R-43, R-46, R-53, R-56)

Earth Drilling's Gus Pech manufactured Brat-A-Sonic rig is equipped with a Sonicor 50K drill head, manufactured by Sonic Drill Corporation. 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. Tire mount tracks can be installed for versatility in softer ground conditions. Ground pressure is reduced to

SPECIFICATIONS

- >> Stroke: 22' – 26'
- >> Pull-down / Pull-back: 18,412 / 24,537 lbs
- >> Mast: 60,000 lbs
- >> Ground Pressure: 20.23 lbs / sq in (139.48 kPa)
- >> Patented Technology Exclusive to Sonic Drill Corporation
- >> Counter rotating rollers generate high power sinusoidal force
- >> Compact gear box requires only one drive motor
- >> Drop Hammer for SPT testing
- >> Hydraulic hosing

- >> Tire-mount tracks for seasonal versatility
- >> Easily removed for long distance rig moves

RIG DIMENSIONS

- >> Weight: 24,300 kg
- >> Rig Height: 28 ft (8.54M)
- >> Tower Height: 41 ft (12.5M)
- >> Length: 35 ft (10.66M)
- >> Width: 8 ft 6 in (2.4M)

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