



SDC375



**THE MOST POWERFUL
SONIC IN THE MOST
ECONOMICAL &
COMPACT PACKAGE!**

(CAPABLE OF CONTINUOUSLY SAMPLING TO +300 FEET WITH A 4X6 CORE/CASE SYSTEM)

SONIC DRILL CORPORATION

WORLD-LEADING DESIGNER AND MANUFACTURER OF SONIC DRILL RIGS

WWW.SONIC-DRILL.COM



SPECIFICATIONS (STANDARD EQUIPMENT)

POWER SOURCE: Caterpillar, 6 CYL, 6.6L Turbocharged, 225HP, 24VDC

RIG DECK: [4] Jacklegs w/ Counter Balance Valve, Tubular Framework

DRILLING MAST: 14 FT Head Travel [Approx], Hydraulic Cylinder/Chain Driven System, Fully Enclosed, Pullback 20,000 LBS, Handles 10 FT rod/casing.

MAST DUMP: Allows for angle drilling to 45 degrees c/w support struts.

JIB HOIST: Main Hoisting Winch, Fixed Mount, 2 T Capacity w/ 187 FT of 3/8 wire rope.

WATER PUMP: FMC W1122 BCD, 37 GPM, 1000 PSI [other optional water pump sizes available]

HYDRAULIC SYSTEM Variable Displacement Pumps, Pressure and Flow Controlled, Pilot Control

SONIC HEAD: Model Sonikor 50K, Cross Side, Head Tilt, Upgraded Water Swivel

HOSE CARRIER SYSTEM: High Pressure Hydraulic Tubing

CONTROL CONSOLE : Compact Lightweight Configuration, Ergonomic Configuration, Key Start, Remote Throttle, Digital Tachometer, Pilot Control Valves

CRAWLER BASE: Steel Tracks with Rubber Inserts, Wireless Radio Transmitter

BREAKOUT TABLE: Open C-Clamp Table, Clamping Range: 2-3/8" to 9-3/4" standard. [upgrade able to larger capacity]

- 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 daily operation around the world in a variety of applications

OPTIONS

- Automated single rod handler [SRL] w/ 90 degree wrist
- Breakout table upgrade [up to 12 inch nominal, 2 level]
- Deck boxes [2] with locks – above deck mounting
- Lighting package [tower]
- Secondary oil cooler package
- Two auxiliary hydraulic service lines with electrical, valve and hydraulic quick disconnects
- Water pump, Bean FMC model L1122 HSNAR [75 GPM/ 1000 psi Abrasion resistant]
- SPT Auto Hammer [140 lb.] with cradle mount, hydraulic control circuit and quick disconnect hoses
- Cold Weather "Artic Fox" Winterization Package



Fits into a ocean container for economical international shipping



Automated Single Rod Loader available

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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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