



SDC350-14



SONIC DRILL CORPORATION

WORLD-LEADING DESIGNER AND MANUFACTURER OF SONIC DRILL RIGS



SPECIFICATIONS

POWER SOURCE: Caterpillar 6 Cylinder, 6.6L, Turbocharged, 173HP @ 2200 RPM, Tier 4 "Flex", Hydraulic Oil Cooler, 24VDC

RIG DECK: (4) 3.5" x 25.5" Jacklegs w/ Counter Balance Valve, (4) Jackleg Covers, Formed & Reinforced Deck Skin, Tubular & Channel Framework

DRILLING MAST: Single Tube Construction, 14 FT Head Travel, Hydraulic Chain Driven System, Fully Enclosed, Pullback: 10,900 LBS, Pulldown: 10,900 LBS, Max Casing Length 10 FT

JIB HOIST (OPTION): Main Hoisting Winch, Fixed Mount, 957 LBS Capacity (Bare Drum), 105 FPM

HYDRAULIC SYSTEM: Single mount pump drive, one variable displacement pump, pressure and flow controlled

SONIC HEAD: Model Sonicor 33K, Hydraulic 33 Degree Tilting Cylinder; Upgraded Water Swivel

HOSE CARRIER SYSTEM: High Pressure Hydraulic Tubing

CONTROL CONSOLE / ARM: Compact Lightweight Configuration, Ergonomic Configuration, Key Start, Remote Throttle, Digital Tachometer, Electro Mechanical Valves

CRAWLER BASE: Rubber Tracks, Wireless Radio Transmitter

BREAKOUT TABLE: BTC-28 Open C-Clamp Table, Clamping Range: 2.5 inch to 8.625 inch nominal c/w hinge

- 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

OPTIONS

- Bean water pump, Model L1122D HSNAR (75 GPM /1000 PSI, abrasion resistant)
- Bean water pump, Model W1122 BCD (37 GPM/1,000 PSI)
- Custom colour (non-metallic)
- Deck boxes with locks
- Hydraulic oil type (non-standard)
- Lighting package (tower)
- Progressive cavity pump
- Receiver hitch hookup
- Secondary oil cooler package
- Pipe guide set
- Stationary rod rack (for 10 foot rods)
- Tower slide, bumper and controls (30 inch travel)
- Two auxiliary hydraulic service lines with electrical, valve and hydraulic quick disconnects
- Emergency stop pull cord system
- Hydraulically actuated pipe guide
- Side shift (head only)
- Water pump pressure reliever
- Gravity feed hydraulic circuit
- Water pump flow meter

Contact a representative for a complete options list

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*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Sonic Drill Corporation is the world leader in the design and manufacture of Sonic drill rigs as well as rig conversions, options and drill tooling.

For more information, visit our website at www.sonic-drill.com or contact us at **+1 604 854 1383**, toll free (in North America) **+1 877 854 1383**.

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